



永鑫索具  
YONG XIN RIGGING

(2022)



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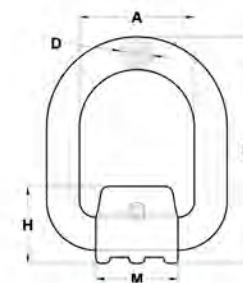
青岛永鑫索具有限公司  
Qingdao Yongxin Rigging Co., Ltd

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# RIGGING ACCESSORIES

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

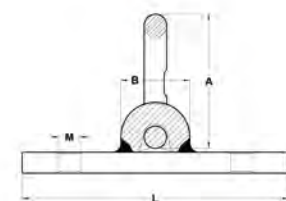


YXR1001

## G80 WELD ON PIVOTING D LINK

| ITEM NO.   | SIZE  | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |      |       |       |
|------------|-------|-------------|---------|---------|-----------------|------|------|-------|-------|
|            |       |             |         |         | A±1             | B±2  | D±1  | M±1.2 | H±0.3 |
| YXR1001-01 | 1.12T | 0.40        | 1.12    | 4.48    | 41              | 78.5 | 13   | 37    | 35    |
| YXR1001-02 | 2T    | 0.47        | 2.00    | 8.00    | 42              | 88   | 14   | 40    | 37    |
| YXR1001-02 | 3.15T | 0.69        | 3.15    | 12.80   | 45              | 94   | 17   | 42.5  | 40    |
| YXR1001-03 | 5.3T  | 1.46        | 5.30    | 21.20   | 55              | 118  | 22   | 50    | 52    |
| YXR1001-04 | 8T    | 2.50        | 8.00    | 32.00   | 70              | 141  | 26.5 | 65    | 57    |
| YXR1001-05 | 10T   | 3.59        | 10.00   | 40.00   | 85              | 165  | 28   | 78    | 63.5  |
| YXR1001-06 | 15T   | 5.79        | 15.00   | 60.00   | 97              | 188  | 34   | 90    | 77    |
| YXR1001-07 | 20T   | 15.5        | 20.00   | 80.00   | 150             | 250  | 46   | 130   | 98    |

◆ Ultimate Load at 4 Times the Working Load Limit.

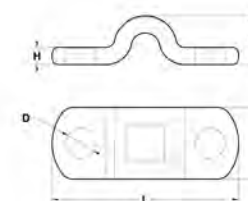


YXR1002

## G80 WELD ON PIVOTING D LINK WITH PAD

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |         |         |       |
|------------|------|-------------|---------|---------|-----------------|------|---------|---------|-------|
|            |      |             |         |         | A ± 0.5         | B    | D ± 0.5 | M ± 0.2 | L ± 2 |
| YXR1002-01 | 1T   | 1.09        | 1       | 4       | 78              | 40   | 12      | 12.5    | 61    |
| YXR1002-02 | 2T   | 1.24        | 2       | 8       | 80.5            | 40   | 14      | 14.5    | 155   |
| YXR1002-03 | 3T   | 1.56        | 3       | 12      | 94              | 46.5 | 16      | 16.5    | 155   |
| YXR1002-04 | 5T   | 2.585       | 5       | 20      | 118             | 60   | 20      | 22.5    | 180   |
| YXR1002-05 | 8T   | 4.92        | 8       | 32      | 141             | 63   | 26      | 26.5    | 220   |

◆ Ultimate Load at 4 Times the Working Load Limit.

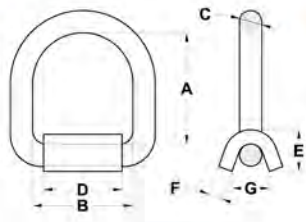


YXR1003

## G80 FORGED LIFTING PAD

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |         |       |
|------------|------|-------------|---------|---------|-----------------|-------|-------|---------|-------|
|            |      |             |         |         | H ± 0.5         | G ± 1 | K ± 1 | D ± 0.5 | L ± 2 |
| YXR1003-01 | 3T   | 0.6         | 3       | 12      | 12              | 34    | 50    | 21      | 130   |
| YXR1003-02 | 5T   | 1.15        | 5       | 20      | 15              | 42    | 60    | 25      | 160   |
| YXR1003-03 | 8T   | 2.6         | 8       | 32      | 20              | 55    | 109   | 28      | 190   |

◆ Ultimate Load at 4 Times the Working Load Limit.

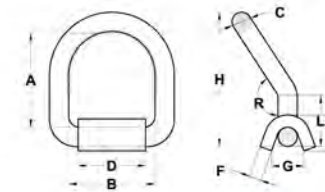


YXR1004

### D RING WITH STRAP, TYPE A

| ITEM NO.   | SIZE (IN.) | MBS (LBS.) | WEIGHT (LBS.) | DIMENSIONS (MM) |      |     |      |    |     |    |  |
|------------|------------|------------|---------------|-----------------|------|-----|------|----|-----|----|--|
|            |            |            |               | A               | B    | C   | D    | E  | F   | G  |  |
| YXR1004-01 | 3/8        | 3000       | 0.81          | 51              | 68   | 9.5 | 51   | 20 | 6   | 15 |  |
| YXR1004-02 | 1/2        | 12000      | 0.94          | 63.5            | 57.1 | 13  | 45   | 25 | 8   | 33 |  |
| YXR1004-03 | 5/8        | 18000      | 1.87          | 75              | 75   | 16  | 63.5 | 31 | 9.5 | 37 |  |
| YXR1004-04 | 3/4        | 26500      | 2.70          | 75              | 75   | 19  | 63.5 | 35 | 9.5 | 40 |  |
| YXR1004-05 | 1          | 47000      | 4.21          | 75              | 75   | 25  | 63.5 | 41 | 9.5 | 63 |  |
| YXR1004-06 | 1          | 47000      | 4.74          | 100             | 75   | 25  | 63.5 | 41 | 9.5 | 63 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

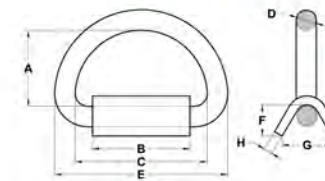


YXR1008

### D RING WITH STRAP & BEND

| ITEM NO.   | SIZE (IN.) | MBS (LBS.) | WEIGHT (LBS.) | DIMENSIONS (MM) |      |    |      |    |     |    |      |    |      |  |  |
|------------|------------|------------|---------------|-----------------|------|----|------|----|-----|----|------|----|------|--|--|
|            |            |            |               | A               | B    | C  | D    | E  | F   | G  | H    | L  | R    |  |  |
| YXR1008-01 | 1/2        | 12000      | 0.94          | 63.5            | 57.1 | 13 | 45   | 25 | 8   | 33 | 89.5 | 45 | 135° |  |  |
| YXR1008-02 | 5/8        | 18000      | 1.87          | 75              | 75   | 16 | 63.5 | 31 | 9.5 | 37 | 107  | 55 | 135° |  |  |
| YXR1008-03 | 3/4        | 26200      | 2.70          | 75              | 75   | 19 | 63.5 | 35 | 9.5 | 40 | 113  | 55 | 135° |  |  |
| YXR1008-04 | 1          | 47000      | 4.21          | 75              | 75   | 25 | 63.5 | 41 | 9.5 | 63 | 125  | 80 | 135° |  |  |
| YXR1008-05 | 1          | 47000      | 4.74          | 100             | 75   | 25 | 63.5 | 41 | 9.5 | 63 | 150  | 80 | 135° |  |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

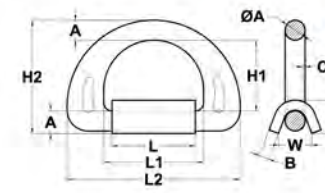


YXR1009

### D RING WITH STRAP, JIS TYPE

| ITEM NO.   | SIZE | WEIGHT (KG) | DIMENSIONS (MM) |     |     |    |     |    |    |     |
|------------|------|-------------|-----------------|-----|-----|----|-----|----|----|-----|
|            |      |             | A               | B   | C   | D  | E   | F  | G  | H   |
| YXR1009-01 | 5T   | 1.09        | 52              | 71  | 97  | 19 | 135 | 23 | 55 | 9.5 |
| YXR1009-02 | 25T  | 1.54        | 69              | 83  | 114 | 20 | 162 | 28 | 45 | 9.5 |
| YXR1009-03 | 36T  | 2.58        | 78              | 118 | 132 | 24 | 201 | 28 | 38 | 12  |
| YXR1009-04 | 41T  | 3.7         | 86              | 126 | 141 | 25 | 221 | 34 | 40 | 14  |
| YXR1009-05 | 50T  | 4.2         | 88              | 126 | 148 | 26 | 233 | 34 | 40 | 14  |

◆ Ultimate Load at 4 Times the Working Load Limit.

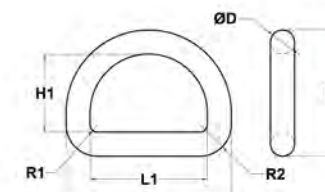


YXR1010

### FORGED D RING JIS TYPE

| ITEM NO.   | SIZE (IN.) | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |   |    |     |     |     |     |    |    |    |  |  |
|------------|------------|---------|-------------|-----------------|---|----|-----|-----|-----|-----|----|----|----|--|--|
|            |            |         |             | A               | C | H1 | H2  | L1  | L2  | L   | B  | H  | W  |  |  |
| YXR1010-01 | 36T        | 9       | 1.68        | 21              | 3 | 80 | 122 | 136 | 212 | 110 | 12 | 28 | 38 |  |  |
| YXR1010-02 | 41T        | 10.3    | 2.3         | 24              | 3 | 85 | 133 | 120 | 208 | 110 | 14 | 34 | 40 |  |  |
| YXR1010-03 | 50T        | 12.5    | 3.03        | 27              | 3 | 90 | 144 | 151 | 241 | 130 | 14 | 34 | 40 |  |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

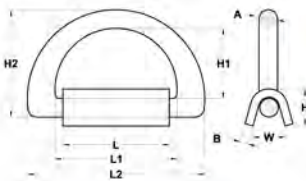


YXR1011

### JIS TYPE FORGED D RING

| ITEM NO.   | SIZE (MM) | WEIGHT (KG) | DIMENSIONS (MM) |    |    |     |    |    |    |  |
|------------|-----------|-------------|-----------------|----|----|-----|----|----|----|--|
|            |           |             | D               | H  | H1 | L   | L1 | R1 | R2 |  |
| YXR1011-01 | 13        | 0.34        | 13              | 84 | 58 | 110 | 84 | 5  | 18 |  |
| YXR1011-02 | 16        | 0.46        | 16              | 84 | 52 | 110 | 78 | 5  | 21 |  |
| YXR1011-03 | 19        | 0.63        | 19              | 90 | 52 | 115 | 77 | 6  | 25 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

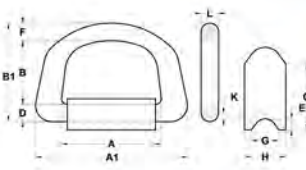


YXR1005

### D RING WITH STRAP, TYPE B

| ITEM NO.   | SIZE | WLL (T) | PL (T) | MBS (T) | WEIGHT (LBS.) | DIMENSIONS (MM) |         |     |         |     |    |    |    |    |  |
|------------|------|---------|--------|---------|---------------|-----------------|---------|-----|---------|-----|----|----|----|----|--|
|            |      |         |        |         |               | L               | L1 (±1) | L2  | H1 (±1) | H2  | H  | B  | W  | A  |  |
| YXR1005-01 | 20T  | 5       | 7.5    | 20      | 2.21          | 90              | 120     | 170 | 70      | 102 | 30 | 10 | 42 | 16 |  |
| YXR1005-02 | 36T  | 9       | 13.5   | 36      | 5.42          | 120             | 136     | 212 | 80      | 122 | 35 | 10 | 42 | 21 |  |
| YXR1005-03 | 41T  | 10.5    | 15.4   | 41      | 8.15          | 125             | 144     | 225 | 88      | 138 | 43 | 12 | 62 | 25 |  |
| YXR1005-04 | 50T  | 18.75   | 18.75  | 50      | 9.71          | 130             | 151     | 241 | 90      | 144 | 48 | 14 | 65 | 27 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

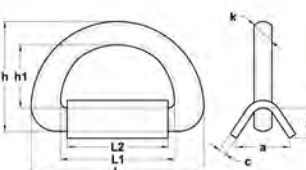


YXR1006

### D RING WITH STRAP, TYPE C

| ITEM NO.   | SIZE   | MBS (T) | WEIGHT (KG) | DIMENSIONS (MM) |       |      |       |      |      |     |      |      |       |      |      |
|------------|--------|---------|-------------|-----------------|-------|------|-------|------|------|-----|------|------|-------|------|------|
|            |        |         |             | A               | A1    | B    | B1    | D    | F    | C   | E    | K    | G     | H    | L    |
| YXR1006-01 | MBS7T  | 7       | 0.5370      | 65.5            | 123.1 | 51.1 | 76.1  | 12.7 | 12.3 | 50  | 16.2 | 5.9  | 32.2  | 42   | 12.5 |
| YXR1006-02 | MBS36T | 36      | 2.5330      | 121             | 191.4 | 81   | 128.4 | 23.8 | 23.8 | 102 | 27   | 11.3 | 48.12 | 67   | 22.5 |
| YXR1006-03 | MBS41T | 41      | 3.4040      | 126.5           | 202   | 92.8 | 144   | 25.9 | 25.3 | 102 | 31.8 | 13.5 | 63    | 82.5 | 25   |
| YXR1006-04 | MBS50T | 50      | 4.1190      | 127             | 223   | 102  | 155   | 27.2 | 26.5 | 102 | 31   | 13.5 | 63    | 83   | 26.5 |

◆ Ultimate Load at 4 Times the Working Load Limit.

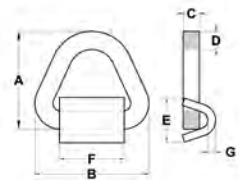


YXR1007

### D RING WITH STRAP, TYPE B

| ITEM NO.   | SIZE | DIMENSIONS (MM) |      |     |     |     |    |    |    |    |  |
|------------|------|-----------------|------|-----|-----|-----|----|----|----|----|--|
|            |      | H               | H1   | L   | L1  | L2  | A  | K  | T  | C  |  |
| YXR1007-01 | 20T  | 87              | 50   | 137 | 90  | 80  | 42 | 18 | 24 | 10 |  |
| YXR1007-02 | 25T  | 109             | 69   | 170 | 112 | 90  | 48 | 20 | 25 | 10 |  |
| YXR1007-03 | 30T  | 102             | 58   | 144 | 88  | 80  | 42 | 21 | 24 | 10 |  |
| YXR1007-04 | 36T  | 112             | 66.5 | 165 | 100 | 90  | 50 | 24 | 35 | 12 |  |
| YXR1007-05 | 36T  | 124             | 76   | 208 | 130 | 120 | 45 | 23 | 30 | 12 |  |
| YXR1007-06 | 41T  | 137             | 87   | 225 | 143 | 120 | 50 | 26 | 48 | 12 |  |
| YXR1007-07 | 50T  | 140             | 86   | 227 | 137 | 120 | 50 | 27 | 48 | 12 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

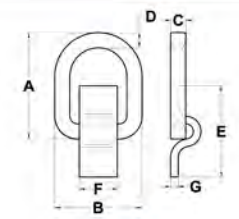


YXR1012

### FERRY LASHING RING

| ITEM NO.   | SIZE | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |     |    |    |    |     |    |
|------------|------|---------|-------------|-----------------|-----|----|----|----|-----|----|
|            |      |         |             | A               | B   | C  | D  | E  | F   | G  |
| YXR1012-01 | 10T  | 10      | 2.95        | 152             | 176 | 25 | 28 | 70 | 100 | 12 |

◆ Ultimate Load at 4 Times the Working Load Limit.

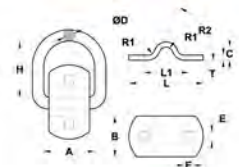


YXR1013

### HEAVY DUTY LASHING RING

| ITEM NO.   | SIZE | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |     |    |    |     |    |    |
|------------|------|---------|-------------|-----------------|-----|----|----|-----|----|----|
|            |      |         |             | A               | B   | C  | D  | E   | F  | G  |
| YXR1013-01 | 5T   | 5       | 1.5         | 140             | 115 | 20 | 20 | 120 | 50 | 10 |

◆ Ultimate Load at 4 Times the Working Load Limit.

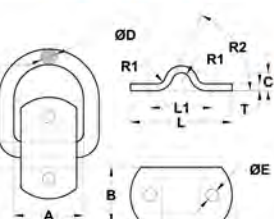


YXR1014

### D RING WITH STRAP (RECTANGULAR HOLES), TYPE A

| ITEM NO.   | SIZE (IN.) | MBS (LBS.) | WEIGHT (LBS.) | DIMENSIONS (MM) |    |    |    |    |      |      |    |    |     |     |  |
|------------|------------|------------|---------------|-----------------|----|----|----|----|------|------|----|----|-----|-----|--|
|            |            |            |               | A               | B  | C  | D  | E  | H    | L    | L1 | R1 | R2  | T   |  |
| YXR1014-01 | 1/2        | 12000      | 1.1           | 57.1            | 45 | 12 | 13 | 10 | 63.5 | 72.5 | 45 | 6° | 65° | 4.5 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

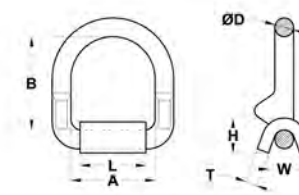


YXR1015

### D RING WITH STRAP (ROUND HOLES), TYPE A

| ITEM NO.   | SIZE (IN.) | MBS (LBS.) | WEIGHT (LBS.) | DIMENSIONS (MM) |    |    |    |    |      |      |    |    |     |     |  |
|------------|------------|------------|---------------|-----------------|----|----|----|----|------|------|----|----|-----|-----|--|
|            |            |            |               | A               | B  | C  | D  | E  | H    | L    | L1 | R1 | R2  | T   |  |
| YXR1015-01 | 1/2        | 12000      | 1.1           | 57.1            | 45 | 12 | 13 | 10 | 63.5 | 72.5 | 45 | 6° | 65° | 4.5 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

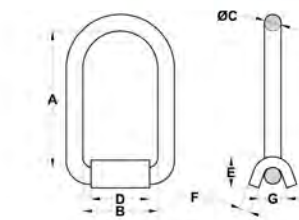


YXR1016

### D RING WITH SUPPORTING POINT

| ITEM NO.   | SIZE | MBS (T) | WEIGHT (KG) | DIMENSIONS (MM) |    |    |    |      |    |    |
|------------|------|---------|-------------|-----------------|----|----|----|------|----|----|
|            |      |         |             | A               | B  | D  | L  | H    | W  | T  |
| YXR1016-01 | 15T  | 30T     | 1.8         | 90              | 92 | 20 | 80 | 38.5 | 40 | 10 |

◆ Ultimate Load at 4 Times the Working Load Limit.

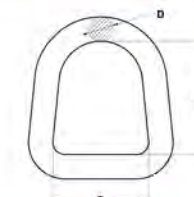


YXR1017

### D RING WITH STRAP, TYPE A (1/2" WLL11000LBS)

| ITEM NO.   | SIZE | MBS (T) | WEIGHT (LBS.) | DIMENSIONS (MM) |    |    |    |    |   |    |
|------------|------|---------|---------------|-----------------|----|----|----|----|---|----|
|            |      |         |               | A               | B  | C  | D  | E  | F | G  |
| YXR1017-01 | 1/2  | 11000   | 0.53          | 115             | 65 | 13 | 45 | 25 | 8 | 33 |

◆ Ultimate Load at 4 Times the Working Load Limit.

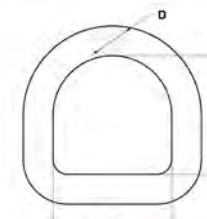


YXR1018

### G80 FORGED D RING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |         |       |
|------------|------|-------------|---------|---------|-----------------|---------|-------|
|            |      |             |         |         | A ± 1.5         | B ± 1.5 | D ± 1 |
| YXR1018-01 | 2.5T | 0.3         | 2.5     | 10      | 65              | 55      | 14    |
| YXR1018-02 | 4T   | 0.48        | 4       | 16      | 62              | 64      | 17    |
| YXR1018-03 | 6.5T | 0.71        | 6.5     | 26      | 80              | 72      | 19    |
| YXR1018-04 | 8T   | 1.0         | 8.0     | 32      | 90              | 76      | 22    |

◆ Ultimate Load at 4 Times the Working Load Limit.



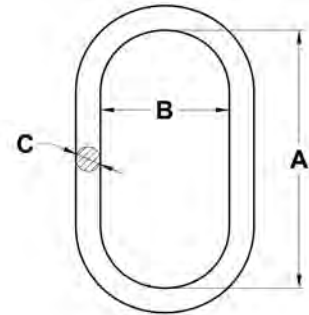
YXR1019

### G80 WELDED D RING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |         |       |
|------------|------|-------------|---------|---------|-----------------|---------|-------|
|            |      |             |         |         | A ± 1.5         | B ± 1.5 | D ± 1 |
| YXR1019-01 | 2.5T | 0.3         | 2.5     | 10      | 65              | 55      | 14    |
| YXR1019-02 | 4T   | 0.5         | 4       | 16      | 62              | 64      | 17    |
| YXR1019-03 | 6.5T | 0.7         | 6.5     | 26      | 80              | 72      | 19    |
| YXR1019-04 | 8T   | 1.0         | 8.0     | 32      | 90              | 76      | 22    |

◆ Ultimate Load at 4 Times the Working Load Limit.

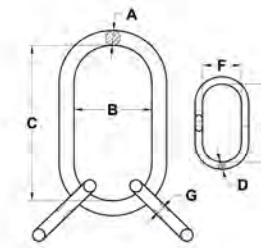
## US TYPE ALLOY MASTER LINKS A342



YXR1020

| ITEM NO.   | SIZE  |       | WEIGHT (KG) | WLL (LBS) | PL (LBS) | DIMENSIONS (MM) |      |       |
|------------|-------|-------|-------------|-----------|----------|-----------------|------|-------|
|            | (IN)  | (MM)  |             |           |          | A               | B    | C     |
| YXR1020-01 | 1/2   | 13    | 0.59        | 7400      | 17200    | 127             | 63.5 | 13    |
| YXR1020-02 | 5/8   | 16    | 0.69        | 9000      | 18000    | 152             | 76   | 16    |
| YXR1020-03 | 3/4   | 19    | 0.91        | 12300     | 28400    | 140             | 70   | 19    |
| YXR1020-04 | 7/8   | 22    | 1.50        | 15200     | 35200    | 160             | 89   | 22    |
| YXR1020-05 | 1     | 25    | 2.77        | 26000     | 60000    | 178             | 90   | 25    |
| YXR1020-06 | 1-1/4 | 32    | 5.44        | 39100     | 90400    | 222             | 111  | 32    |
| YXR1020-07 | 1-1/2 | 38    | 7.21        | 61100     | 141200   | 267             | 135  | 38    |
| YXR1020-08 | 1-3/4 | 45    | 11.4        | 84900     | 212250   | 305             | 152  | 45    |
| YXR1020-09 | 2     | 51    | 16.8        | 102600    | 256500   | 355             | 178  | 51    |
| YXR1020-10 | 2-1/4 | 57    | 24.5        | 143100    | 289200   | 406             | 203  | 57    |
| YXR1020-11 | 2-1/2 | 63.5  | 31.1        | 160000    | 320000   | 406             | 203  | 63.5  |
| YXR1020-12 | 2-3/4 | 70    | 42.6        | 216900    | 433800   | 406             | 241  | 70    |
| YXR1020-13 | 3     | 76    | 52.0        | 228000    | 456000   | 457             | 228  | 76    |
| YXR1020-14 | 3-1/4 | 82.5  | 66.0        | 262200    | 524400   | 508             | 254  | 82.5  |
| YXR1020-15 | 3-1/2 | 86    | 91.0        | 279000    | 558000   | 508             | 254  | 86    |
| YXR1020-16 | 3-3/4 | 95    | 90.0        | 336000    | 672000   | 508             | 254  | 95    |
| YXR1020-17 | 4     | 101.6 | 120         | 373000    | 746000   | 508             | 305  | 101.6 |
| YXR1020-18 | 4-1/4 | 108   | 137         | 354000    | 708000   | 610             | 305  | 108   |
| YXR1020-19 | 4-1/2 | 114   | 156         | 360000    | 720000   | 711             | 356  | 114.5 |
| YXR1020-20 | 4-3/4 | 121   | 198         | 389000    | 778000   | 711             | 356  | 121   |
| YXR1020-21 | 5     | 127   | 234         | 395000    | 790000   | 762             | 356  | 127   |

◆ Ultimate Load is 5 Times the Working Load Limit.



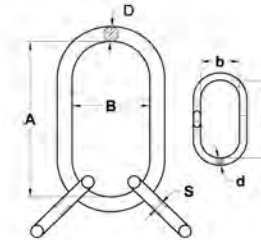
YXR1022

## US TYPE MASTER LINK ASSEMBLY A345

| ITEM NO.   | SIZE  |      | WEIGHT EACH (KG) | WORKING LOAD LIMIT BASED ON 5:1 DESIGN FACTOR (LBS.) | PROOF LOAD (LBS.) | DIMENSIONS (IN.) |       |       |      |       |       |      |
|------------|-------|------|------------------|------------------------------------------------------|-------------------|------------------|-------|-------|------|-------|-------|------|
|            | (IN)  | (MM) |                  |                                                      |                   | A                | B     | C     | D    | E     | F     | G    |
| YXR1022-01 | 3/4   | 19   | 1.59             | 12300                                                | 28400             | 0.73             | 3.20  | 6.00  | 0.56 | 3.35  | 1.77  | 0.30 |
| YXR1022-02 | 7/8   | 22   | 2.18             | 15200                                                | 35200             | 0.88             | 3.75  | 6.38  | 0.56 | 3.35  | 1.77  | 0.30 |
| YXR1022-03 | 1     | 26   | 4.22             | 26000                                                | 60000             | 1.10             | 4.30  | 7.50  | 0.75 | 3.94  | 2.36  | 0.33 |
| YXR1022-04 | 1-1/4 | 32   | 7.17             | 39100                                                | 90400             | 1.33             | 5.50  | 9.50  | 1.00 | 6.30  | 3.54  | 0.51 |
| YXR1022-05 | 1-1/2 | 38   | 15.47            | 61000                                                | 141200            | 1.61             | 5.90  | 10.50 | 1.25 | 7.09  | 3.94  | 0.65 |
| YXR1022-06 | 1-3/4 | 44   | 20.9             | 84900                                                | 212250            | 1.75             | 6.00  | 12.00 | 1.38 | 8.00  | 5.00  | 0.73 |
| YXR1022-07 | 2     | 51   | 30.4             | 102600                                               | 256500            | 2.00             | 7.00  | 14.00 | 1.50 | 9.00  | 5.75  | -    |
| YXR1022-08 | 2-1/2 | 64   | 93.4             | 160000                                               | 320000            | 2.50             | 8.38  | 16.00 | 2.50 | 16.00 | 8.38  | -    |
| YXR1022-09 | 2-3/4 | 70   | 128              | 216900                                               | 433800            | 2.75             | 9.88  | 18.00 | 2.75 | 18.00 | 9.88  | -    |
| YXR1022-10 | 4     | 102  | 303              | 373000                                               | 746000            | 4.00             | 12.00 | 24.00 | 3.50 | 24.00 | 12.00 | -    |

◆ Standard: EN1677-4 (Supersedes DIN688-3)  
◆ Ultimate Load is 4 Times the Working Load Limit.

## EUROPEAN TYPE G80 MASTER LINK ASSEMBLY

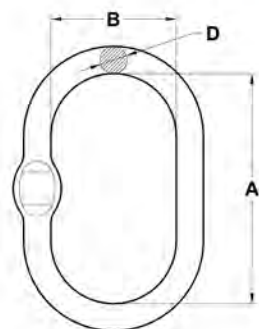


YXR1023

| ITEM NO.   | SIZE | G80 EN818-2 CHAIN FOR 3 OR 4 LEG SLING (MM) |  | WEIGHT (KG) | WLL (T) | DIMENSIONS (MM) |     |    |     |     |    |
|------------|------|---------------------------------------------|--|-------------|---------|-----------------|-----|----|-----|-----|----|
|            |      |                                             |  |             |         | A               | B   | D  | A   | B   | D  |
| YXR1023-01 | 6-8  | 6                                           |  | 1.18        | 2.36    | 135             | 75  | 18 | 54  | 25  | 13 |
| YXR1023-02 | 7-8  | 7                                           |  | 1.24        | 3.15    | 135             | 75  | 18 | 60  | 38  | 13 |
| YXR1023-03 | 8-8  | 8                                           |  | 2.2         | 4.25    | 160             | 90  | 22 | 70  | 34  | 16 |
| YXR1023-04 | 10-8 | 10                                          |  | 3.4         | 6.7     | 180             | 100 | 26 | 85  | 40  | 18 |
| YXR1023-05 | 13-8 | 13                                          |  | 6.1         | 11.2    | 200             | 110 | 32 | 115 | 50  | 22 |
| YXR1023-06 | 16-8 | 16                                          |  | 9.98        | 17      | 260             | 140 | 36 | 140 | 65  | 26 |
| YXR1023-07 | 18-8 | 18                                          |  | 18.9        | 21.2    | 340             | 180 | 45 | 180 | 100 | 32 |
| YXR1023-08 | 20-8 | 20                                          |  | 22.6        | 26.5    | 350             | 190 | 50 | 180 | 100 | 32 |
| YXR1023-09 | 22-8 | 22                                          |  | 25.2        | 31.5    | 350             | 190 | 50 | 180 | 100 | 36 |
| YXR1023-10 | 26-8 | 26                                          |  | 35.2        | 45      | 400             | 200 | 56 | 180 | 100 | 40 |
| YXR1023-11 | 28-8 | 28                                          |  | 47          | 50      | 430             | 220 | 63 | 180 | 100 | 45 |
| YXR1023-12 | 32-8 | 32                                          |  | 66.46       | 63      | 460             | 250 | 72 | 200 | 110 | 50 |

◆ Ultimate Load is 4 Times the Working Load Limit.

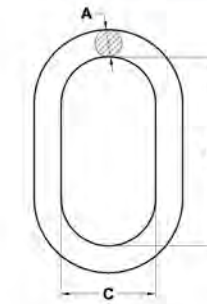
## EUROPEAN TYPE G80 MASTER LINK



YXR1021

| ITEM NO.   | SIZE | G80 EN818-2 CHAIN FOR 1 FOR 2 LEG (MM) |    | WEIGHT (KG) | WLL (T) | DIMENSIONS (MM) |     |    |
|------------|------|----------------------------------------|----|-------------|---------|-----------------|-----|----|
|            |      |                                        |    |             |         | A               | B   | D  |
| YXR1021-01 | 6-8  | 7                                      | 6  | 0.34        | 1.6     | 110             | 60  | 13 |
| YXR1021-02 | 7-8  | 8                                      | 7  | 0.54        | 2.12    | 110             | 60  | 16 |
| YXR1021-03 | 8-8  | 10                                     | 8  | 0.82        | 3.15    | 135             | 75  | 18 |
| YXR1021-04 | 10-8 | 13                                     | 10 | 1.5         | 5.3     | 160             | 90  | 22 |
| YXR1021-05 | 13-8 | 16                                     | 13 | 2.3         | 8       | 180             | 100 | 26 |
| YXR1021-06 | 16-8 | 18                                     | 16 | 3.95        | 11.2    | 200             | 110 | 32 |
| YXR1021-07 | 18-8 | 20                                     | 18 | 6.34        | 14      | 260             | 140 | 36 |
| YXR1021-08 | 20-8 | 22                                     | 20 | 8.96        | 17      | 300             | 160 | 40 |
| YXR1021-09 | 22-8 | 26                                     | 22 | 12.8        | 21.2    | 340             | 180 | 45 |
| YXR1021-10 | 26-8 | 32                                     | 26 | 16.55       | 31.5    | 350             | 190 | 50 |
| YXR1021-11 | 32-8 | 36                                     | 32 | 23.28       | 45      | 400             | 200 | 56 |
| YXR1021-12 | 36-8 | 40                                     | 36 | 32          | 56      | 430             | 220 | 63 |
| YXR1021-13 | 40-8 | 45                                     | 40 | 45.76       | 63      | 460             | 250 | 72 |
| YXR1021-14 | 45-8 | -                                      | 45 | 62          | 85.46   | 500             | 270 | 80 |

◆ Standard: EN1677-4 (Supersedes DIN688-3)  
◆ Ultimate Load is 4 Times the Working Load Limit.

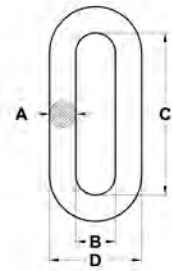


YXR1024

## FORGED STAINLESS STEEL MASTER LINK

| ITEM NO.   | SIZE (IN.) | WLL (LBS.) | WEIGHT (LBS.) | DIMENSIONS (IN.) |      |      |
|------------|------------|------------|---------------|------------------|------|------|
|            |            |            |               | A                | B    | C    |
| YXR1024-01 | 3/8        | 1500       | 0.35          | 3/8              | 3.00 | 1.50 |
| YXR1024-02 | 1/2        | 2000       | 0.84          | 1/2              | 5.00 | 2.50 |
| YXR1024-03 | 5/8        | 2800       | 1.61          | 5/8              | 6.00 | 3.00 |
| YXR1024-04 | 3/4        | 3750       | 2.26          | 3/4              | 6.50 | 3.25 |
| YXR1024-05 | 1          | 8000       | 4.94          | 1                | 7.00 | 3.50 |
| YXR1024-06 | 1-1/4      | 11800      | 9.55          | 1-1/4            | 8.75 | 4.38 |

◆ Ultimate Load is 4 Times the Working Load Limit.

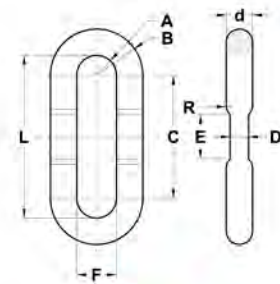


YXR1025

## WLEDDLESS END LINKS

| ITEM NO.   | SIZE (IN.) | WLL (LBS) | WEIGHT (LBS) | DIMENSIONS (IN.) |      |      |      |
|------------|------------|-----------|--------------|------------------|------|------|------|
|            |            |           |              | A                | B    | C    | D    |
| YXR1025-01 | 5/16       | 2500      | 0.15         | 0.31             | 0.50 | 1.75 | 1.18 |
| YXR1025-02 | 3/8        | 3800      | 0.22         | 0.38             | 0.56 | 1.88 | 1.38 |
| YXR1025-03 | 1/2        | 6500      | 0.49         | 0.50             | 0.75 | 2.38 | 1.81 |
| YXR1025-04 | 5/8        | 9300      | 0.97         | 0.63             | 1.00 | 3.25 | 2.32 |
| YXR1025-05 | 3/4        | 14000     | 1.51         | 0.75             | 1.13 | 3.50 | 2.68 |
| YXR1025-06 | 7/8        | 12000     | 2.59         | 0.88             | 2.00 | 5.13 | 3.75 |
| YXR1025-07 | 1          | 15200     | 3.95         | 1                | 2.25 | 5.75 | 4.25 |
| YXR1025-08 | 1-1/4      | 26400     | 7.30         | 1.25             | 2.50 | 7.00 | 5.00 |
| YXR1025-09 | 1-3/8      | 30000     | 10.38        | 1.38             | 2.75 | 7.75 | 5.50 |

◆ Ultimate Load at 4 Times the Working Load Limit.

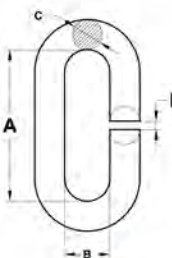


YXR1026

## ALLOY FORGED LINK

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | DIMENSIONS (MM) |       |       |    |      |    |     |      |     |  |  |  |
|------------|------|-------------|---------|-----------------|-------|-------|----|------|----|-----|------|-----|--|--|--|
|            |      |             |         | B               | A     | C     | D  | E    | D  | R   | F    | L   |  |  |  |
| YXR1026-01 | 20T  | 4.2         | 20      | 76.5            | 42.5  | 100   | 25 | 36   | 34 | 3   | 85   | 185 |  |  |  |
| YXR1026-02 | 15T  | 2.8         | 15      | 67.5            | 37.5  | 95    | 17 | 32   | 30 | 2.5 | 75   | 170 |  |  |  |
| YXR1026-03 | 12T  | 1.7         | 12      | 49              | 24    | 74    | 16 | 28   | 25 | 2   | 48   | 122 |  |  |  |
| YXR1026-04 | 10T  | 0.82        | 10      | 40.25           | 18.75 | 63.5  | 14 | 22.6 | 21 | 1.5 | 37.5 | 101 |  |  |  |
| YXR1026-05 | 5.6T | 2.1         | 5.6     | 58              | 30    | 90    | 21 | 32   | 28 | 1.5 | 60   | 150 |  |  |  |
| YXR1026-06 | 4.4T | 1.5         | 4.4     | 50              | 25    | 80    | 18 | 30   | 25 | 1.5 | 50   | 130 |  |  |  |
| YXR1026-07 | 3.2T | 0.9         | 3.2     | 42.5            | 22.5  | 65    | 14 | 30   | 20 | 1.5 | 45   | 110 |  |  |  |
| YXR1026-08 | 3T   | 0.8         | 3       | 39              | 19    | 64    | 13 | 30   | 20 | 1.5 | 38   | 102 |  |  |  |
| YXR1026-09 | 1.5T | 0.4         | 1.5     | 33.5            | 17.5  | 80    | 12 | 28   | 16 | 1.5 | 35   | 85  |  |  |  |
| YXR1026-10 | 1T   | 0.2         | 1       | 27              | 15    | 40.25 | 10 | 25   | 12 | 1.5 | 30   | 70  |  |  |  |

◆ Ultimate Load at 5 Times the Working Load Limit.



YXR1027

## OPENING LINK, ELSE RIGGING

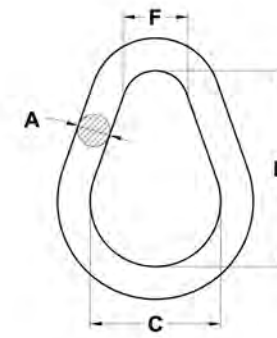
| ITEM NO.   | SIZE | WEIGHT EACH (KG) | WLL (T) | BLL (T) | A ± 3.5 |  |  |  | B ± 2 |  |  |  | H ± 1 |  |  |  | Φ ± 1 |  |  |  |
|------------|------|------------------|---------|---------|---------|--|--|--|-------|--|--|--|-------|--|--|--|-------|--|--|--|
|            |      |                  |         |         |         |  |  |  |       |  |  |  |       |  |  |  |       |  |  |  |
| YXR1027-01 | 10   | 0.09             | 0.2     | 1       | 50      |  |  |  | 16    |  |  |  | 2     |  |  |  | 10    |  |  |  |
| YXR1027-02 | 12   | 0.15             | 0.4     | 2       | 55      |  |  |  | 18    |  |  |  | 2     |  |  |  | 12    |  |  |  |
| YXR1027-03 | 14   | 0.23             | 0.6     | 3       | 60      |  |  |  | 18    |  |  |  | 2     |  |  |  | 14    |  |  |  |
| YXR1027-04 | 16   | 0.35             | 0.7     | 3.5     | 72      |  |  |  | 21    |  |  |  | 2     |  |  |  | 16    |  |  |  |
| YXR1027-05 | 19   | 0.55             | 1.4     | 7       | 80      |  |  |  | 24    |  |  |  | 2     |  |  |  | 19    |  |  |  |
| YXR1027-06 | 22   | 0.83             | 1.8     | 9       | 88      |  |  |  | 27    |  |  |  | 3     |  |  |  | 22    |  |  |  |
| YXR1027-07 | 22B  | 0.75             | 1.8     | 9       | 80      |  |  |  | 30    |  |  |  | 3     |  |  |  | 22    |  |  |  |
| YXR1027-08 | 25   | 1.18             | 2.2     | 11      | 94      |  |  |  | 35    |  |  |  | 3     |  |  |  | 25    |  |  |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

## US TYPE FORGED PEAR SHAPED LINK

| ITEM NO.   | SIZE (IN.) | WORKING LOAD LIMIT |              |           | WEIGHT (LBS.) | DIMENSIONS (IN.) |       |      |
|------------|------------|--------------------|--------------|-----------|---------------|------------------|-------|------|
|            |            | CARBON (LBS.)      | ALLOY (LBS.) | ALLOY (T) |               | B                | C     | F    |
| YXR1028-01 | 1/2        | 2900               | 7000         | 3.15      | 0.55          | 3.00             | 2.00  | 1.00 |
| YXR1028-02 | 5/8        | 4200               | 9000         | 4.09      | 1.10          | 3.75             | 2.50  | 1.25 |
| YXR1028-03 | 3/4        | 6000               | 12300        | 5.59      | 1.76          | 4.50             | 3.00  | 1.50 |
| YXR1028-04 | 7/8        | 8300               | 15000        | 6.81      | 2.82          | 5.25             | 3.50  | 1.75 |
| YXR1028-05 | 1          | 10800              | 24360        | 11.0      | 4.22          | 6.00             | 4.00  | 2.00 |
| YXR1028-06 | 1-1/8      | 13800              | 30600        | 13.9      | 6.25          | 6.50             | 4.50  | 2.25 |
| YXR1028-07 | 1-1/4      | 16750              | 36000        | 16.4      | 8.25          | 7.75             | 5.00  | 2.50 |
| YXR1028-08 | 1-3/8      | 20500              | 43000        | 19.5      | 11.25         | 8.25             | 5.50  | 2.75 |
| YXR1028-09 | 1-1/2      | -                  | 54300        | 24.7      | 14.25         | 9.00             | 6.00  | 3.00 |
| YXR1028-10 | 1-5/8      | -                  | 62600        | 28.4      | 18.50         | 9.75             | 6.50  | 3.25 |
| YXR1028-11 | 1-3/4      | -                  | 84900        | 38.6      | 22.50         | 10.50            | 7.00  | 3.50 |
| YXR1028-12 | 1-7/8      | -                  | 95800        | 43.5      | 29.00         | 11.25            | 7.50  | 3.75 |
| YXR1028-13 | 2          | -                  | 102600       | 46.6      | 34.00         | 12.00            | 8.00  | 4.00 |
| YXR1028-14 | 2-1/4      | -                  | 143100       | 65.0      | 48.00         | 13.50            | 9.00  | 4.50 |
| YXR1028-15 | 2-1/2      | -                  | 147300       | 66.9      | 66.00         | 15.00            | 10.00 | 5.00 |
| YXR1028-16 | 2-3/4      | -                  | 216900       | 98.6      | 88.00         | 16.50            | 11.00 | 5.50 |
| YXR1028-17 | 3          | -                  | 228000       | 103       | 114.00        | 18.00            | 12.00 | 6.00 |
| YXR1028-18 | 3-1/4      | -                  | 262000       | 119       | 146.00        | 19.50            | 13.00 | 6.50 |
| YXR1028-19 | 3-1/2      | -                  | 279000       | 126       | 181.00        | 21.00            | 14.00 | 7.00 |
| YXR1028-20 | 4          | -                  | 373000       | 169       | 271.00        | 24.00            | 16.00 | 8.00 |

◆ Ultimate Load at 4 Times the Working Load Limit.

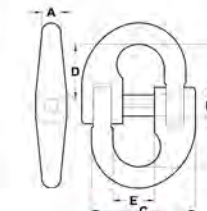


YXR1028

## U.S. TYPE G80 CONNECTING LINK

| ITEM NO.   | CHAIN SIZE |      | WLL (LBS.) | WEIGHT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |  |
|------------|------------|------|------------|---------------|------------------|------|------|------|------|------|--|
|            | (IN.)      | (MM) |            |               | A                | B    | C    | D    | E    | F    |  |
| YXR1029-01 | 1/4        | 7    | 4300       | 0.26          | 0.38             | 1.94 | 1.90 | 0.81 | 0.69 | 0.57 |  |
| YXR1029-02 | 5/16       | 8    | 5700       | 0.35          | 0.37             | 2.35 | 2.07 | 0.99 | 0.72 | 0.64 |  |
| YXR1029-03 | 3/8        | 10   | 8800       | 0.75          | 0.48             | 2.70 | 2.47 | 1.12 | 0.90 | 0.78 |  |
| YXR1029-04 | 1/2        | 13   | 15000      | 1.60          | 0.68             | 3.45 | 3.31 | 1.44 | 1.12 | 0.97 |  |
| YXR1029-05 | 5/8        | 16   | 22600      | 2.68          | 0.81             | 4.13 | 3.90 | 1.72 | 1.35 | 1.14 |  |
| YXR1029-06 | 3/4        | 20   | 35300      | 5.00          | 0.93             | 4.62 | 4.62 | 2.03 | 1.62 | 1.28 |  |
| YXR1029-07 | 7/8        | 22   | 42700      | 7.50          | 1.06             | 5.46 | 5.46 | 2.27 | 2.00 | 1.49 |  |
| YXR1029-08 | 1          | 25   | 59700      | 11.03         | 1.22             | 5.98 | 6.13 | 2.44 | 2.25 | 1.76 |  |
| YXR1029-09 | 1-1/4      | 32   | 90400      | 20.38         | 1.50             | 7.43 | 7.59 | 3.07 | 2.56 | 2.23 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.



YXR1029

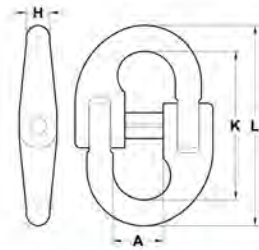
## G80 WEB SLING CONNECTOR

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |       |       |       |
|------------|------|-------------|---------|---------|-----------------|-------|-------|-------|-------|-------|
|            |      |             |         |         | A ± 1.5         | B ± 2 | K ± 1 | W ± 2 | G ± 1 | E ± 1 |
| YXR1030-01 | 6    | 0.2         | 1.12    | 4.48    | 15              | 60    | 56    | 40    | 18    | 7     |
| YXR1030-02 | 7/8  | 0.3         | 2.0     | 8.0     | 20              | 61.5  | 63.7  | 40    | 24    | 9.5   |
| YXR1030-03 | 10   | 0.68        | 3.15    | 12.6    | 24              | 66    | 83    | 39    | 30.5  | 11    |
| YXR1030-04 | 13   | 1.47        | 2.3     | 21.2    | 28              | 88    | 93.7  | 55    | 36.8  | 16.5  |
| YXR1030-05 | 16   | 2.3         | 8       | 32      | 34.5            | 108   | 120   | 65.5  | 45.2  | 19.8  |
| YXR1030-06 | 20   | 3.3         | 12.5    | 50      | 41              | 129   | 138   | 80    | 51.8  | 23    |
| YXR1030-07 | 22   | 6.89        | 15      | 60      | 50              | 191   | 180   | 126   | 70    | 26    |
| YXR1030-08 | 26   | 10.62       | 21.2    | 84.8    | 58              | 228.4 | 209.5 | 152   | 86    | 30    |
| YXR1030-09 | 32   | 18.92       | 31.5    | 126     | 72.5            | 252   | 279   | 160   | 91    | 55    |

◆ Ultimate Load at 4 Times the Working Load Limit.



YXR1030



YXR1031

### EUROPEAN TYPE G80 CONNECTING LINK

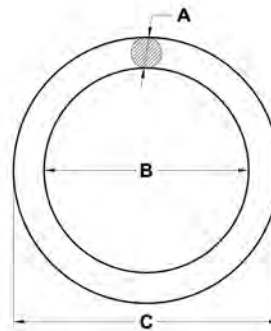
| ITEM NO.   | SIZE (MM) | WLL (T) | BLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |       |       |      |
|------------|-----------|---------|---------|-------------|-----------------|-------|-------|------|
|            |           |         |         |             | A±1.5           | L±2.5 | K±2   | H±1  |
| YXR1031-01 | 6-8       | 1.12    | 4.48    | 0.08        | 15              | 58    | 42    | 7    |
| YXR1031-02 | 7-8       | 1.5     | 6       | 0.145       | 19              | 71.8  | 54.8  | 8.5  |
| YXR1031-03 | 7/8-8     | 2       | 8       | 0.146       | 18              | 79.5  | 60.5  | 8.5  |
| YXR1031-04 | 8-8       | 2       | 8       | 0.16        | 19.5            | 79.5  | 60.5  | 8.5  |
| YXR1031-05 | 10-8      | 3.15    | 12.6    | 0.30        | 25              | 90.5  | 68    | 11.5 |
| YXR1031-06 | 13-8      | 5.3     | 21.2    | 0.65        | 29              | 117   | 87    | 15   |
| YXR1031-07 | 16-8      | 8       | 32      | 1.15        | 34.5            | 148   | 108.4 | 19.8 |
| YXR1031-08 | 18-8      | 10      | 40      | 1.84        | 38              | 154   | 112   | 21   |
| YXR1031-09 | 20-8      | 12.5    | 50      | 2.1         | 41              | 169.5 | 121.5 | 24   |
| YXR1031-10 | 22-8      | 15      | 60      | 2.87        | 48              | 193.5 | 141.5 | 26   |
| YXR1031-11 | 26-8      | 21.2    | 84.8    | 4.5         | 57.5            | 220   | 158   | 30   |
| YXR1031-12 | 32-8      | 31.5    | 126     | 8.21        | 67              | 281   | 205   | 37   |

◆ Ultimate Load at 4 Times the Working Load Limit

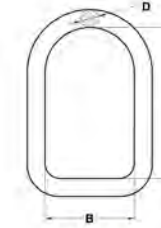
### US TYPE FORGED WELDLESS ROUND RING

| ITEM NO.   | SIZE (IN.)    | WLL (LBS.) | WEIGHT (LBS.) | DIMENSIONS (IN.) |        |        |
|------------|---------------|------------|---------------|------------------|--------|--------|
|            |               |            |               | A                | B      | C      |
| YXR1032-01 | 3/8 × 2       | 2200       | 0.23          | 3/8              | 2      | 2 3/4  |
| YXR1032-02 | 3/8 × 2 1/4   | 2200       | 0.26          | 3/8              | 2 1/4  | 3      |
| YXR1032-03 | 3/8 × 3 1/2   | 2200       | 0.37          | 3/8              | 3 1/2  | 4 1/4  |
| YXR1032-04 | 1/2 × 2       | 2200       | 0.44          | 1/2              | 2      | 3      |
| YXR1032-05 | 1/2 × 3       | 2200       | 0.62          | 1/2              | 3      | 4      |
| YXR1032-06 | 1/2 × 3 1/2   | 2200       | 0.71          | 1/2              | 3 1/2  | 4 1/2  |
| YXR1032-07 | 5/8 × 2 1/2   | 3300       | 0.86          | 5/8              | 2 1/2  | 3 3/4  |
| YXR1032-08 | 5/8 × 3       | 3300       | 1.00          | 5/8              | 3      | 4 1/4  |
| YXR1032-09 | 5/8 × 3 5/16  | 3300       | 1.08          | 5/8              | 3 5/16 | 4 9/16 |
| YXR1032-10 | 5/8 × 4       | 3300       | 1.28          | 5/8              | 4      | 5 1/4  |
| YXR1032-11 | 3/4 × 3       | 3700       | 1.63          | 3/4              | 3      | 4 1/2  |
| YXR1032-12 | 3/4 × 3 1/2   | 3700       | 1.68          | 3/4              | 3 1/2  | 5      |
| YXR1032-13 | 3/4 × 4       | 3700       | 1.89          | 3/4              | 4      | 5 1/2  |
| YXR1032-14 | 7/8 × 3 1/2   | 7200       | 2.34          | 7/8              | 3 1/2  | 5 1/4  |
| YXR1032-15 | 7/8 × 4       | 7200       | 2.70          | 7/8              | 4      | 5 3/4  |
| YXR1032-16 | 7/8 × 5 1/2   | 7200       | 3.47          | 7/8              | 5 1/2  | 7 1/4  |
| YXR1032-17 | 1 × 4         | 10400      | 3.69          | 1                | 4      | 6      |
| YXR1032-18 | 1 × 5 1/2     | 10400      | 4.54          | 1                | 5 1/2  | 7 1/2  |
| YXR1032-19 | 1 × 6         | 10400      | 4.85          | 1                | 6      | 8      |
| YXR1032-20 | 1 1/8 × 6     | 10400      | 6.60          | 1 1/8            | 6      | 8 1/4  |
| YXR1032-21 | 1 1/4 × 5     | 17000      | 7.00          | 1 1/4            | 5      | 7 1/2  |
| YXR1032-22 | 1 1/4 × 5 1/2 | 17000      | 7.41          | 1 1/4            | 5 1/2  | 8      |
| YXR1032-23 | 1 1/4 × 6     | 17000      | 7.94          | 1 1/4            | 6      | 8 1/2  |
| YXR1032-24 | 1 3/8 × 6     | 19000      | 10.63         | 1 3/8            | 6      | 8 3/4  |
| YXR1032-25 | 1 1/2 × 8     | 22000      | 14.95         | 1 1/2            | 8      | 11     |
| YXR1032-26 | 1 1/2 × 10    | 22000      | 18.08         | 1 1/2            | 10     | 13     |
| YXR1032-27 | 2 × 12        | 25000      | 39.16         | 2                | 12     | 16     |

◆ Ultimate Load at 5 Times the Working Load Limit



YXR1032

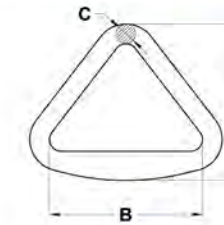


YXR1033

### ALLOY D RING FOR WEB SLING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |         |       |
|------------|------|-------------|---------|---------|-----------------|---------|-------|
|            |      |             |         |         | A ± 2           | B ± 1.5 | D ± 1 |
| YXR1033-01 | 1T   | 0.37        | 1       | 4       | 110             | 65      | 13    |
| YXR1033-02 | 2T   | 0.64        | 2       | 8       | 130             | 65      | 16    |
| YXR1033-03 | 3T   | 0.99        | 3       | 12      | 140             | 110     | 18    |
| YXR1033-04 | 4T   | 1.56        | 4       | 16      | 135             | 130     | 22    |

◆ Ultimate Load at 4 Times the Working Load Limit

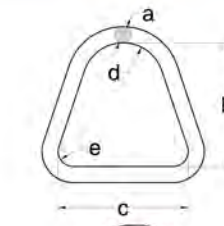


YXR1034

### ALLOY FORGED TRIANGLE RING

| ITEM NO.   | SIZE (IN.) | WLL (LBS.) | MBS (LBS.) | WEIGHT (KG) | DIMENSIONS (MM) |     |    |
|------------|------------|------------|------------|-------------|-----------------|-----|----|
|            |            |            |            |             | A               | B   | C  |
| YXR1034-01 | 2          | 2750       | 11000      | 0.44        | 80.3            | 56  | 12 |
| YXR1034-02 | 3          | 4500       | 18000      | 0.79        | 109.4           | 80  | 14 |
| YXR1034-03 | 4          | 5000       | 20000      | 1.37        | 142.0           | 108 | 16 |

◆ Ultimate Load at 4 Times the Working Load Limit

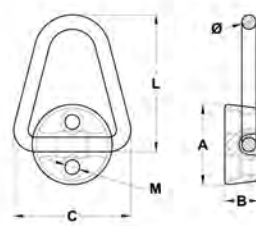


YXR1035

### TRIANGULAR LINK B.S. 2837-TABLE 1-1988

| ITEM NO.   | CLASS | WEIGHT (KG) | SWL (T) | MBL (T) | DIMENSIONS (MM) |     |    |    |    |
|------------|-------|-------------|---------|---------|-----------------|-----|----|----|----|
|            |       |             |         |         | a               | b   | c  | d  | e  |
| YXR1035-01 | A     | 0.15        | 0.32    | 1.6     | 10              | 67  | 67 | 25 | 8  |
| YXR1035-02 | B     | 0.26        | 0.50    | 2.5     | 12              | 67  | 67 | 25 | 8  |
| YXR1035-03 | C     | 0.35        | 0.80    | 4.0     | 14              | 67  | 67 | 25 | 8  |
| YXR1035-04 | D     | 0.90        | 1.25    | 6.25    | 19              | 115 | 93 | 38 | 14 |
| YXR1035-05 | E     | 1.23        | 2.00    | 10.0    | 22              | 115 | 93 | 38 | 14 |
| YXR1035-06 | F     | 1.75        | 3.20    | 16.0    | 26              | 115 | 93 | 38 | 14 |

◆ Ultimate Load at 4 Times the Working Load Limit

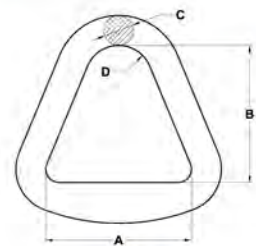


YXR1036

### FORGED TRIANGLE RING WITH BASE

| ITEM NO.   | SIZE | WLL (LBS.) | BLL (LBS.) | WEIGHT (KG) | DIMENSIONS (MM) |     |     |     |     |     |
|------------|------|------------|------------|-------------|-----------------|-----|-----|-----|-----|-----|
|            |      |            |            |             | A±2             | Φ±2 | B±2 | C±3 | L±3 | M±3 |
| YXR1036-01 | 2000 | 2000       | 12000      | 0.3         | 44.5            | 8   | 19  | 65  | 76  | 8.3 |

◆ Ultimate Load at 4 Times the Working Load Limit

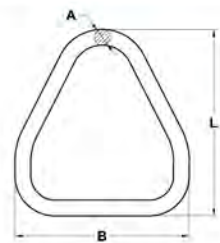


YXR1037

### FLAT DELTA RING

| ITEM NO.   | SIZE (IN) | MBS (LBS) | WEIGHT (LBS) | DIMENSIONS (MM) |       |      |      |
|------------|-----------|-----------|--------------|-----------------|-------|------|------|
|            |           |           |              | A               | B     | C    | D    |
| YXR1037-01 | 3         | 14400     | 1.63         | 81              | 85.7  | 17.0 | 17.5 |
| YXR1037-02 | 4         | 4000      | 3.15         | 108             | 101.6 | 22.2 | 25   |

◆ Ultimate Load is 4 Times the Working Load Limit.

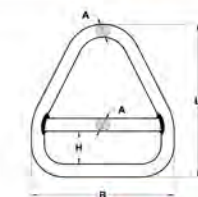


YXR1038

### ALLOY TRIANGLE RING FOR WEB SLING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |
|------------|------|-------------|---------|---------|-----------------|-----|-----|
|            |      |             |         |         | A               | B   | L   |
| YXR1038-01 | 2T   | 0.81        | 2       | 8       | 16              | 145 | 194 |
| YXR1038-02 | 3T   | 1.66        | 3       | 12      | 20              | 199 | 248 |
| YXR1038-03 | 4T   | 2.25        | 4       | 16      | 22              | 243 | 260 |
| YXR1038-04 | 6T   | 4.91        | 6       | 24      | 28              | 340 | 340 |

◆ Ultimate Load is 4 Times the Working Load Limit.

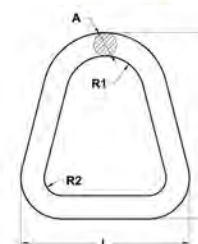


YXR1039

### ALLOY TRIANGLE RING FOR WEB SLING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |    |     |
|------------|------|-------------|---------|---------|-----------------|-----|----|-----|
|            |      |             |         |         | A               | B   | H  | L   |
| YXR1036-01 | 2T   | 0.99        | 2       | 8       | 16              | 145 | 46 | 194 |
| YXR1036-02 | 3T   | 2.04        | 3       | 12      | 20              | 199 | 57 | 248 |
| YXR1036-03 | 4T   | 2.82        | 4       | 16      | 22              | 243 | 56 | 260 |
| YXR1036-04 | 6T   | 6.30        | 6       | 24      | 28              | 340 | 78 | 340 |

◆ Ultimate Load is 4 Times the Working Load Limit.

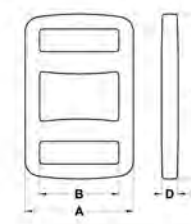


YXR1040

### ALLOY TRIANGLE RING FOR WEB SLING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |      |    |
|------------|------|-------------|---------|---------|-----------------|-----|-----|------|----|
|            |      |             |         |         | A               | H   | L   | R1   | R2 |
| YXR1040-01 | 2T   | 0.47        | 2       | 8       | 16              | 112 | 100 | 15   | 5  |
| YXR1040-02 | 3T   | 1.12        | 3       | 12      | 20              | 160 | 145 | 33.5 | 6  |
| YXR1040-03 | 4T   | 1.52        | 4       | 16      | 22              | 175 | 178 | 32   | 10 |
| YXR1040-04 | 6T   | 3.5         | 6       | 24      | 28              | 235 | 260 | 45   | 25 |

◆ Ultimate Load is 4 Times the Working Load Limit.

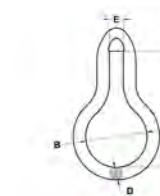


YXR1041

### ONE WAY LASHING BUCKLE

| ITEM NO.   | SIZE | WLL (KG) | BLL (KG) | WEIGHT (KG) | DIMENSIONS (MM) |    |     |    |
|------------|------|----------|----------|-------------|-----------------|----|-----|----|
|            |      |          |          |             | A               | B  | C   | D  |
| YXR1041-01 | 30#  | 3000     | 6000     | 0.20        | 54              | 33 | 102 | 10 |
| YXR1041-02 | 40#  | 4000     | 8000     | 0.27        | 64              | 42 | 107 | 11 |
| YXR1041-03 | 50#  | 5000     | 10000    | 0.41        | 72              | 52 | 110 | 12 |

◆ Ultimate Load is 4 Times the Working Load Limit.

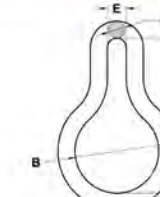


YXR1042

### WAIST LINK

| ITEM NO.   | SIZE (IN.) | MBS (LBS.) | WEIGHT (LBS.) | DIMENSIONS (MM) |    |      |    |
|------------|------------|------------|---------------|-----------------|----|------|----|
|            |            |            |               | A               | B  | E    | D  |
| YXR1042-01 | 3/8        | 31000      | 2.03          | 139             | 59 | 13.6 | 19 |

◆ Ultimate Load is 4 Times the Working Load Limit.



YXR1043

### GRAB LINK

| ITEM NO.   | SIZE (IN.) | WLL (LBS.) | WEIGHT (LBS.) | DIMENSIONS (MM) |      |      |      |
|------------|------------|------------|---------------|-----------------|------|------|------|
|            |            |            |               | A               | B    | E    | D    |
| YXR1043-01 | 5/8 × 7/8  | 44000      | 3.19          | 162             | 98.4 | 22.2 | 15.9 |
| YXR1043-02 | 1 × 7/8    | 44000      | 3.22          | 162             | 98.4 | 22.2 | 25.4 |

◆ Ultimate Load is 4 Times the Working Load Limit.



YXR1044

### G80 CHAIN CONNECTOR

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |     |       |     |
|------------|------|-------------|---------|---------|-----------------|-------|-----|-------|-----|
|            |      |             |         |         | A±0.5           | B±1.2 | D±1 | K±1.5 | L±2 |
| YXR1044-01 | 13   | 1.2         | 5.3     | 21.2    | 18              | 45    | 65  | 35    | 130 |

◆ Ultimate Load is 4 Times the Working Load Limit.

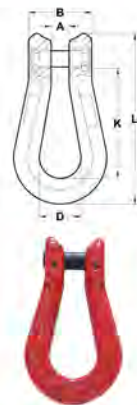


YXR1045

### G80 OMEGA LINK

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |      |       |      |
|------------|------|-------------|---------|---------|-----------------|-----|------|-------|------|
|            |      |             |         |         | A±0.5           | B±2 | D±1  | H±1.5 | L±2  |
| YXR1045-01 | 6    | 0.12        | 1.12    | 4.48    | 8               | 41  | 20.5 | 25    | 52   |
| YXR1045-02 | 7/8  | 0.22        | 2.0     | 8.0     | 10              | 52  | 23.5 | 35    | 68.5 |
| YXR1045-03 | 10   | 0.36        | 3.15    | 12.6    | 12              | 62  | 31.5 | 40.5  | 81   |
| YXR1045-04 | 13   | 0.71        | 5.3     | 21.2    | 15              | 81  | 41   | 54    | 108  |
| YXR1045-05 | 16   | 1.3         | 8       | 32      | 19              | 99  | 49.5 | 64    | 126  |
| YXR1045-06 | 20   | 2.2         | 12.5    | 50      | 23              | 118 | 58   | 75.6  | 152  |

◆ Ultimate Load at 4 Times the Working Load Limit.

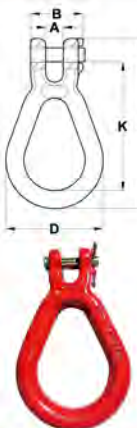


YXR1046

### G80 LONG OMEGA LINK

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |     |       |     |
|------------|------|-------------|---------|---------|-----------------|-------|-----|-------|-----|
|            |      |             |         |         | A±0.5           | B±1.2 | D±1 | K±1.5 | L±2 |
| YXR1046-01 | 6    | 0.12        | 1.12    | 4.48    | 8               | 28    | 20  | 47.5  | 75  |
| YXR1046-02 | 7/8  | 0.17        | 2.0     | 8.0     | 10              | 32.5  | 25  | 59    | 92  |
| YXR1046-03 | 10   | 0.43        | 3.15    | 12.6    | 13              | 45.5  | 30  | 78.5  | 123 |
| YXR1046-04 | 13   | 1           | 5.3     | 21.2    | 15              | 57.5  | 46  | 94    | 154 |

◆ Ultimate Load at 4 Times the Working Load Limit.

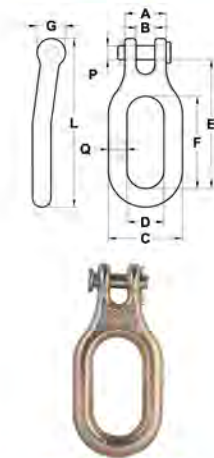


YXR1047

### CLEVIS PEAR SHAPE LINK

| ITEM NO.   | SIZE  | WLL (T) | BLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |       |     |     |     |
|------------|-------|---------|---------|-------------|-----------------|-------|-----|-----|-----|
|            |       |         |         |             | B±1.5           | A±0.5 | D±2 | K±2 | L±2 |
| YXR1047-01 | 7/8-8 | 2       | 8       | 0.555       | 35              | 12    | 86  | 108 | 142 |
| YXR1047-02 | 10-8  | 3.15    | 12.6    | 0.63        | 36              | 13.5  | 95  | 119 | 156 |
| YXR1047-03 | 13-8  | 5.3     | 21.2    | 0.93        | 48.5            | 18    | 100 | 132 | 175 |

◆ Ultimate Load at 4 Times the Working Load Limit.

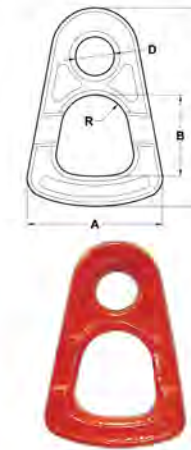


YXR1048

### CLEVIS LINK

| ITEM NO.   | SIZE (IN.) | WLL (KG) | WEIGHT (KG) | DIMENSIONS (MM) |    |     |    |       |     |    |    |      |       |
|------------|------------|----------|-------------|-----------------|----|-----|----|-------|-----|----|----|------|-------|
|            |            |          |             | A               | B  | C   | D  | E     | F   | G  | P  | Q    | L     |
| YXR1048-01 | 5/16       | 4700     | 0.36        | 28.5            | 11 | 60  | 33 | 98.5  | 66  | 24 | 10 | 13.5 | 129.5 |
| YXR1048-02 | 3/8        | 6600     | 0.77        | 33              | 12 | 81  | 46 | 139.5 | 102 | 27 | 12 | 17.5 | 177   |
| YXR1048-03 | 1/2        | 11300    | 1.3         | 41              | 15 | 90  | 46 | 141   | 102 | 33 | 16 | 22   | 188   |
| YXR1048-04 | 5/8        | 15800    | 2.11        | 57              | 26 | 102 | 51 | 177   | 127 | 39 | 19 | 25.5 | 232   |

◆ Ultimate Load at 4 Times the Working Load Limit.

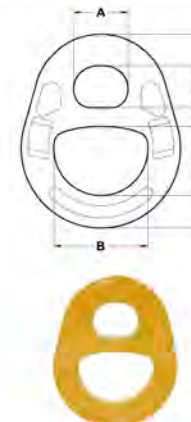


YXR1049

### ALLOY FORGED EVR RING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BL (T) | DIMENSIONS (MM) |       |      |    |     |
|------------|------|-------------|---------|--------|-----------------|-------|------|----|-----|
|            |      |             |         |        | A±0.5           | B±0.5 | R    | D  | L±1 |
| YXR1049-01 | 8T   | 1.47        | 8       | 40     | 97.5            | 68    | 23.5 | 38 | 176 |
| YXR1049-02 | 10T  | 2.59        | 10      | 50     | 140             | 84    | 35   | 40 | 205 |

◆ Ultimate Load at 4 Times the Working Load Limit.

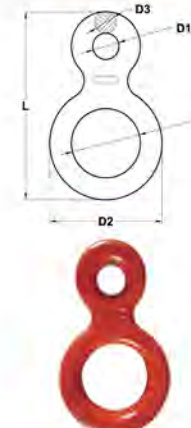


YXR1050

### ALLOY FORGED EVR RING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BL (T) | DIMENSIONS (MM) |       |      |     |       |
|------------|------|-------------|---------|--------|-----------------|-------|------|-----|-------|
|            |      |             |         |        | A±1             | B±1.2 | D±1  | E±1 | L±2   |
| YXR1050-01 | 15T  | 2.2         | 15      | 75     | 52              | 90    | 40   | 66  | 185   |
| YXR1050-02 | 20T  | 5.38        | 20      | 100    | 82              | 125   | 45.5 | 106 | 227.5 |

◆ Ultimate Load at 4 Times the Working Load Limit.



YXR1050

### ALLOY FORGED EVR RING

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | BL (T) | DIMENSIONS (MM) |        |      |      |     |
|------------|------|-------------|---------|--------|-----------------|--------|------|------|-----|
|            |      |             |         |        | N±1             | D1±1.2 | D2±1 | D3±1 | L±2 |
| YXR1050-01 | 12T  | 4.4         | 12      | 60     | 100             | 38     | 163  | 32   | 270 |

◆ Ultimate Load at 4 Times the Working Load Limit.

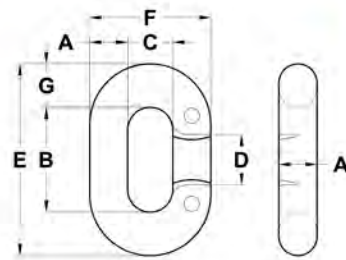


YXR1051

### PEAR SHAPE REPLACEMENT LINKS

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.) | WEIGHT (KG) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |  |
|------------|------------------|------------|-------------|------------------|------|------|------|------|------|------|------|------|--|
|            |                  |            |             | A                | B    | C    | D    | E    | F    | G    | H    | L    |  |
| YXR1051-01 | 3/8              | 1850       | 25          | 0.41             | 2.00 | 0.56 | 0.81 | 2.94 | 1.63 | 0.47 | 1.38 | 0.81 |  |
| YXR1051-02 | 1/2              | 3300       | 50          | 0.50             | 2.50 | 0.69 | 1.00 | 3.63 | 2.00 | 0.56 | 1.69 | 1.00 |  |
| YXR1051-03 | 5/8              | 5000       | 75          | 0.63             | 2.75 | 0.81 | 1.06 | 4.00 | 2.38 | 0.63 | 2.06 | 1.13 |  |
| YXR1051-04 | 3/4              | 7100       | 125         | 0.75             | 3.13 | 1.00 | 1.13 | 4.75 | 2.75 | 0.81 | 2.50 | 1.25 |  |
| YXR1051-05 | 7/8              | 9600       | 200         | 0.88             | 3.69 | 1.25 | 1.38 | 5.56 | 3.25 | 0.94 | 3.00 | 1.50 |  |

◆ Ultimate Load at 4 Times the Working Load Limit.

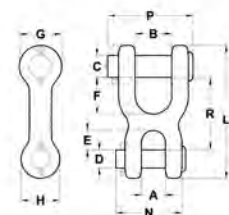


YXR1052

## OVAL-SHAPE REPLACEMENT LINKS

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.) | WEIGHT (KG) | DIMENSIONS (IN.) |      |      |      |      |      |      |  |
|------------|------------------|------------|-------------|------------------|------|------|------|------|------|------|--|
|            |                  |            |             | A                | B    | C    | D    | E    | F    | G    |  |
| YXR1052-01 | 3/16             | 800        | 2.5         | 0.25             | 0.69 | 0.34 | 0.34 | 1.19 | 0.78 | 0.28 |  |
| YXR1052-02 | 1/4              | 1325       | 6.25        | 0.28             | 0.88 | 0.44 | 0.44 | 1.50 | 1.00 | 0.31 |  |
| YXR1052-03 | 5/16             | 1950       | 12.5        | 0.34             | 0.94 | 0.47 | 0.47 | 1.69 | 1.16 | 0.38 |  |
| YXR1052-04 | 3/8              | 2750       | 20.0        | 0.41             | 1.13 | 0.56 | 0.56 | 2.06 | 1.38 | 0.47 |  |
| YXR1052-05 | 7/16             | 3625       | 27.5        | 0.47             | 1.28 | 0.59 | 0.59 | 2.34 | 1.53 | 0.53 |  |
| YXR1052-06 | 1/2              | 4750       | 37.5        | 0.53             | 1.47 | 0.66 | 0.66 | 2.66 | 1.72 | 0.59 |  |
| YXR1052-07 | 5/8              | 7250       | 72.5        | 0.66             | 1.81 | 0.78 | 0.81 | 3.31 | 2.09 | 0.75 |  |
| YXR1052-08 | 3/4              | 10250      | 122.5       | 0.78             | 2.13 | 0.94 | 1.06 | 3.88 | 2.50 | 0.88 |  |
| YXR1052-09 | 7/8              | 12000      | 175.0       | 0.91             | 2.50 | 1.13 | 1.13 | 4.50 | 2.94 | 1.00 |  |
| YXR1052-10 | 1                | 15500      | 250.0       | 1.03             | 2.75 | 1.25 | 1.25 | 5.00 | 3.31 | 1.13 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

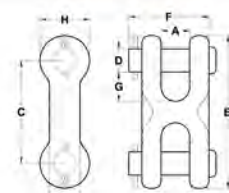


YXR1053

## S247 DOUBLE CLEVIS LINK

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.) | WEIGHT (KG) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |      |      |      |
|------------|------------------|------------|-------------|------------------|------|------|------|------|------|------|------|------|------|------|------|
|            |                  |            |             | A                | B    | C    | D    | E    | F    | G    | H    | L    | N    | P    | R    |
| YXR1053-01 | 1/4              | 2600       | 0.38        | 0.50             | 0.75 | 0.50 | 0.31 | 0.38 | 0.75 | 1.00 | 0.81 | 2.81 | 1.38 | 1.66 | 1.50 |
| YXR1053-02 | 5/16-3/8         | 5400       | 0.81        | 0.56             | 1.00 | 0.63 | 0.44 | 0.47 | 1.00 | 1.19 | 1.00 | 3.53 | 1.75 | 2.25 | 1.91 |
| YXR1053-03 | 7/16             | 7200       | 1.25        | 0.69             | 1.13 | 0.69 | 0.56 | 0.59 | 1.09 | 1.31 | 1.19 | 4.06 | 2.00 | 2.50 | 2.19 |
| YXR1053-04 | 1/2              | 9200       | 1.56        | 0.81             | 1.25 | 0.75 | 0.63 | 0.68 | 1.25 | 1.44 | 1.31 | 4.53 | 2.25 | 2.75 | 2.47 |

◆ Ultimate Load is 4 Times the Working Load Limit.

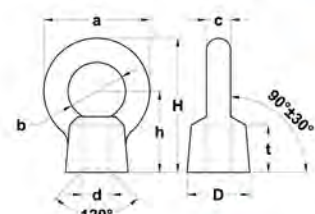


YXR1054

## S249 TWIN CLEVIS LINK

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.) | WEIGHT (KG) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |      |      |      |
|------------|------------------|------------|-------------|------------------|------|------|------|------|------|------|------|------|------|------|------|
|            |                  |            |             | A                | B    | C    | D    | E    | F    | G    | H    | L    | N    | P    | R    |
| YXR1054-01 | 1/4-5/16         | 2600       | 0.38        | 0.50             | 0.75 | 0.50 | 0.31 | 0.38 | 0.75 | 1.00 | 0.81 | 2.81 | 1.38 | 1.66 | 1.50 |
| YXR1054-02 | 3/8              | 5400       | 0.81        | 0.56             | 1.00 | 0.63 | 0.44 | 0.47 | 1.00 | 1.19 | 1.00 | 3.53 | 1.75 | 2.25 | 1.91 |
| YXR1054-03 | 7/16-1/2         | 7200       | 1.25        | 0.69             | 1.13 | 0.69 | 0.56 | 0.59 | 1.09 | 1.31 | 1.19 | 4.06 | 2.00 | 2.50 | 2.19 |

◆ Ultimate Load is 4 Times the Working Load Limit.

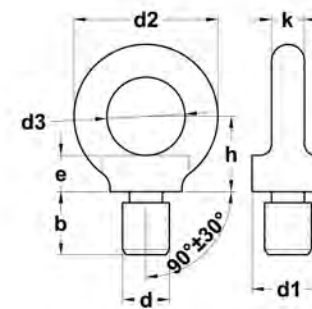


YXR1055

## JIS B 1169-1994 EYE NUT

| ITEM NO.   | SIZE (D) | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |    |      |    |    |    |       |    |
|------------|----------|---------|-------------|-----------------|----|------|----|----|----|-------|----|
|            |          |         |             | A               | B  | C    | D  | T  | H  | H     | R  |
| YXR1055-01 | M8       | 0.785   | 0.03        | 32.6            | 20 | 6.3  | 16 | 12 | 23 | 39.3  | 8  |
| YXR1055-02 | M10      | 1.47    | 0.06        | 41              | 25 | 8    | 20 | 15 | 28 | 48.5  | 10 |
| YXR1055-03 | M12      | 2.16    | 0.125       | 50              | 30 | 10   | 25 | 19 | 36 | 61    | 12 |
| YXR1055-04 | M16      | 4.41    | 0.23        | 60              | 35 | 12.5 | 30 | 23 | 42 | 72    | 14 |
| YXR1055-05 | M20      | 6.18    | 0.38        | 72              | 40 | 16   | 35 | 28 | 50 | 86    | 16 |
| YXR1055-06 | M24      | 9.32    | 0.8         | 90              | 50 | 20   | 45 | 38 | 66 | 111   | 20 |
| YXR1055-07 | M30      | 14.7    | 1.58        | 110             | 60 | 25   | 60 | 46 | 80 | 135   | 30 |
| YXR1055-08 | M36      | 22.6    | 2.75        | 133             | 70 | 31.5 | 70 | 55 | 95 | 161.5 | 35 |

◆ Ultimate Load is 4 Times the Working Load Limit.

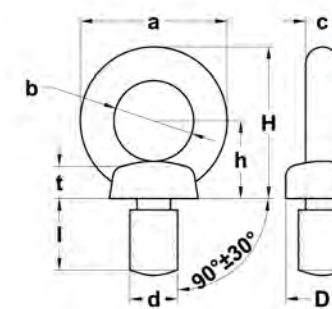


YXR1056

## DIN580 EYE BOLT

| ITEM NO.   | SIZE (D) | WLL (T) | WEIGHT PER 100 (KG) | DIMENSIONS (MM) |     |     |      |    |      |    |  |
|------------|----------|---------|---------------------|-----------------|-----|-----|------|----|------|----|--|
|            |          |         |                     | d1              | d2  | d3  | b    | e  | h    | k  |  |
| YXR1056-01 | M6       | 0.08    | 5                   | 20              | 36  | 20  | 13   | 6  | 18   | 8  |  |
| YXR1056-02 | M8       | 0.14    | 6                   | 20              | 36  | 20  | 13   | 6  | 18   | 8  |  |
| YXR1056-03 | M10      | 0.23    | 11                  | 25              | 45  | 25  | 17   | 8  | 22.5 | 10 |  |
| YXR1056-04 | M12      | 0.34    | 18                  | 30              | 54  | 30  | 20.5 | 10 | 26   | 12 |  |
| YXR1056-05 | M14      | 0.49    | 28                  | 35              | 63  | 35  | 27   | 12 | 30.5 | 14 |  |
| YXR1056-06 | M16      | 0.7     | 28                  | 35              | 63  | 35  | 27   | 12 | 30.5 | 14 |  |
| YXR1056-07 | M18      | 0.93    | 45                  | 40              | 72  | 40  | 30   | 14 | 35   | 16 |  |
| YXR1056-08 | M20      | 1.2     | 45                  | 40              | 72  | 40  | 30   | 14 | 35   | 16 |  |
| YXR1056-09 | M22      | 1.5     | 67                  | 45              | 81  | 45  | 35   | 16 | 40   | 18 |  |
| YXR1056-10 | M24      | 1.8     | 87                  | 50              | 90  | 50  | 36   | 18 | 45   | 20 |  |
| YXR1056-11 | M27      | 2.5     | 88                  | 50              | 90  | 50  | 36   | 18 | 45   | 20 |  |
| YXR1056-12 | M30      | 3.6     | 166                 | 65              | 108 | 60  | 45   | 22 | 55   | 24 |  |
| YXR1056-13 | M33      | 4.3     | 172                 | 65              | 108 | 60  | 45   | 22 | 55   | 24 |  |
| YXR1056-14 | M36      | 5.1     | 265                 | 75              | 126 | 70  | 54   | 26 | 65   | 28 |  |
| YXR1056-15 | M39      | 6.1     | 280                 | 75              | 126 | 70  | 54   | 26 | 65   | 28 |  |
| YXR1056-16 | M42      | 7.0     | 403                 | 85              | 144 | 80  | 63   | 30 | 75   | 32 |  |
| YXR1056-17 | M45      | 8.0     | 425                 | 85              | 144 | 80  | 63   | 30 | 75   | 32 |  |
| YXR1056-18 | M48      | 8.6     | 638                 | 100             | 166 | 90  | 68   | 35 | 85   | 38 |  |
| YXR1056-19 | M52      | 9.9     | 660                 | 100             | 166 | 90  | 68   | 35 | 85   | 38 |  |
| YXR1056-20 | M56      | 11.5    | 880                 | 110             | 184 | 100 | 78   | 38 | 95   | 42 |  |
| YXR1056-21 | M64      | 16.0    | 1240                | 120             | 206 | 110 | 90   | 42 | 105  | 48 |  |
| YXR1056-22 | M72      | 20      | 23300               | 150             | 260 | 140 | 100  | 50 | 130  | 60 |  |
| YXR1056-23 | M80      | 28      | 34200               | 170             | 296 | 160 | 112  | 55 | 150  | 68 |  |
| YXR1056-24 | M100     | 40      | 49100               | 190             | 330 | 180 | 130  | 60 | 165  | 75 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.



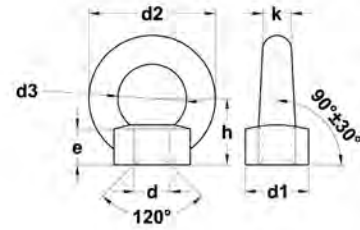
YXR1057

## JIS B 1168-1994 EYE BOLT

| ITEM NO.   | SIZE (D) | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |    |      |    |    |    |       |    |    |  |
|------------|----------|---------|-------------|-----------------|----|------|----|----|----|-------|----|----|--|
|            |          |         |             | a               | b  | c    | D  | t  | h  | H     | l  | t  |  |
| YXR1057-01 | M8       | 0.785   | 0.03        | 32.6            | 20 | 6.3  | 16 | 5  | 17 | 33.3  | 15 | 5  |  |
| YXR1057-02 | M10      | 1.47    | 0.06        | 41              | 25 | 8    | 20 | 7  | 21 | 41.5  | 18 | 7  |  |
| YXR1057-03 | M12      | 2.16    | 0.12        | 50              | 30 | 10   | 25 | 9  | 26 | 51    | 22 | 9  |  |
| YXR1057-04 | M16      | 4.41    | 0.22        | 60              | 35 | 12.5 | 30 | 11 | 30 | 60    | 27 | 11 |  |
| YXR1057-05 | M20      | 6.18    | 0.4         | 72              | 40 | 16   | 30 | 13 | 35 | 71    | 30 | 13 |  |
| YXR1057-06 | M24      | 9.32    | 0.8         | 90              | 50 | 20   | 45 | 18 | 45 | 90    | 38 | 18 |  |
| YXR1057-07 | M30      | 14.7    | 1.54        | 110             | 60 | 25   | 60 | 22 | 55 | 110   | 45 | 22 |  |
| YXR1057-08 | M36      | 22.6    | 2.83        | 133             | 70 | 31.5 | 70 | 26 | 65 | 131.5 | 55 | 26 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

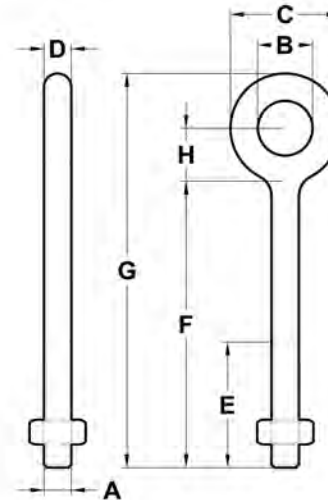
## DIN582 EYE NUT



YXR1058

| ITEM NO.   | SIZE (D) | WLL (T) | WEIGHT PER 100 (KG) | DIMENSIONS (MM) |     |     |     |      |    |
|------------|----------|---------|---------------------|-----------------|-----|-----|-----|------|----|
|            |          |         |                     | d1              | d2  | d3  | e   | h    | k  |
| YXR1058-01 | M6       | 0.08    | 4.5                 | 20              | 36  | 20  | 8.5 | 18   | 8  |
| YXR1058-02 | M8       | 0.14    | 5                   | 20              | 36  | 20  | 8.5 | 18   | 8  |
| YXR1058-03 | M10      | 0.23    | 9                   | 25              | 45  | 25  | 10  | 22.5 | 10 |
| YXR1058-04 | M12      | 0.34    | 16                  | 30              | 54  | 30  | 11  | 26   | 12 |
| YXR1058-05 | M14      | 0.49    | 24                  | 35              | 63  | 35  | 13  | 30.5 | 14 |
| YXR1058-06 | M16      | 0.7     | 24                  | 35              | 63  | 35  | 13  | 30.5 | 14 |
| YXR1058-07 | M18      | 0.93    | 36                  | 40              | 72  | 40  | 16  | 35   | 16 |
| YXR1058-08 | M20      | 1.2     | 36                  | 40              | 72  | 40  | 16  | 35   | 16 |
| YXR1058-09 | M22      | 1.5     | 39                  | 45              | 81  | 45  | 18  | 40   | 18 |
| YXR1058-10 | M24      | 1.8     | 72                  | 50              | 90  | 50  | 20  | 45   | 20 |
| YXR1058-11 | M27      | 2.5     | 70                  | 50              | 90  | 50  | 20  | 45   | 20 |
| YXR1058-12 | M30      | 3.6     | 132                 | 65              | 108 | 60  | 25  | 55   | 24 |
| YXR1058-13 | M33      | 4.3     | 130                 | 65              | 108 | 60  | 25  | 55   | 24 |
| YXR1058-14 | M36      | 5.1     | 208                 | 75              | 126 | 70  | 30  | 65   | 28 |
| YXR1058-15 | M39      | 6.1     | 202                 | 75              | 126 | 70  | 30  | 65   | 28 |
| YXR1058-16 | M42      | 7       | 311                 | 85              | 144 | 80  | 35  | 75   | 32 |
| YXR1058-17 | M45      | 8       | 304                 | 85              | 144 | 80  | 35  | 75   | 32 |
| YXR1058-18 | M48      | 8.6     | 502                 | 100             | 166 | 90  | 40  | 85   | 38 |
| YXR1058-19 | M52      | 9.9     | 495                 | 100             | 166 | 90  | 40  | 85   | 38 |
| YXR1058-20 | M56      | 11.5    | 669                 | 110             | 184 | 100 | 45  | 95   | 42 |
| YXR1058-21 | M64      | 16      | 930                 | 120             | 206 | 110 | 50  | 105  | 48 |
| YXR1058-22 | M72      | 20      | 1850                | 150             | 260 | 140 | 60  | 130  | 60 |
| YXR1058-23 | M80      | 28      | 2730                | 170             | 296 | 160 | 70  | 150  | 68 |
| YXR1058-24 | M100     | 40      | 3640                | 190             | 330 | 180 | 80  | 165  | 75 |

◆ Ultimate Load is 4 Times the Working Load Limit

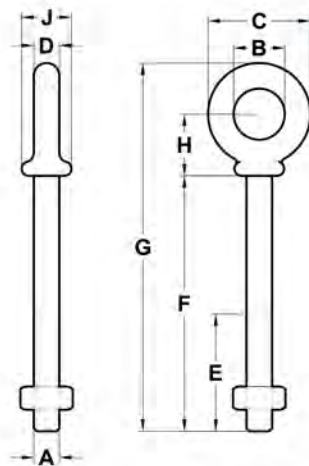


YXR1060

## US TYPE REGULAR NUT EYE BOLTS G291

| ITEM NO.   | SIZE (IN.)   | WLL (LBS.) | WEIGHT PER 100 (LBS.) | DIMENSIONS (IN.) |      |      |      |     |      |       |      |
|------------|--------------|------------|-----------------------|------------------|------|------|------|-----|------|-------|------|
|            |              |            |                       | A                | B    | C    | D    | E   | F    | G     | H    |
| YXR1060-01 | 1/4 x 2      | 650        | 8.2                   | 0.25             | 0.5  | 1    | 0.25 | 1.5 | 2    | 3.06  | 0.56 |
| YXR1060-02 | 1/4 x 4      | 650        | 11.7                  | 0.25             | 0.5  | 1    | 0.25 | 2.5 | 4    | 5.06  | 0.56 |
| YXR1060-03 | 5/16 x 2-1/4 | 1200       | 13.3                  | 0.31             | 0.62 | 1.25 | 0.31 | 1.5 | 2.25 | 3.56  | 0.69 |
| YXR1060-04 | 5/16 x 4-1/4 | 1200       | 25                    | 0.31             | 0.62 | 1.25 | 0.31 | 2.5 | 4.25 | 5.56  | 0.69 |
| YXR1060-05 | 3/8 x 2-1/2  | 1550       | 23.3                  | 0.38             | 0.75 | 1.5  | 0.38 | 1.5 | 2.5  | 4.12  | 0.88 |
| YXR1060-06 | 3/8 x 4-1/2  | 1550       | 29.5                  | 0.38             | 0.75 | 1.5  | 0.38 | 2.5 | 4.5  | 6.12  | 0.88 |
| YXR1060-07 | 3/8 x 6      | 1550       | 35.2                  | 0.38             | 0.75 | 1.5  | 0.38 | 2.5 | 6    | 7.62  | 0.88 |
| YXR1060-08 | 1/2 x 3-1/4  | 2600       | 50.3                  | 0.5              | 1    | 2    | 0.5  | 1.5 | 3.25 | 5.38  | 1.12 |
| YXR1060-09 | 1/2 x 6      | 2600       | 66.1                  | 0.5              | 1    | 2    | 0.5  | 3   | 6    | 8.12  | 1.12 |
| YXR1060-10 | 1/2 x 8      | 2600       | 82                    | 0.5              | 1    | 2    | 0.5  | 3   | 8    | 10.12 | 1.12 |
| YXR1060-11 | 1/2 x 10     | 2600       | 88                    | 0.5              | 1    | 2    | 0.5  | 3   | 10   | 12.12 | 1.12 |
| YXR1060-12 | 1/2 x 12     | 2600       | 114.2                 | 0.5              | 1    | 2    | 0.5  | 3   | 12   | 14.12 | 1.12 |
| YXR1060-13 | 5/8 x 4      | 5200       | 103.1                 | 0.62             | 1.25 | 2.5  | 0.62 | 2   | 4    | 6.69  | 1.44 |
| YXR1060-14 | 5/8 x 6      | 5200       | 118.2                 | 0.62             | 1.25 | 2.5  | 0.62 | 3   | 6    | 8.69  | 1.44 |
| YXR1060-15 | 5/8 x 8      | 5200       | 135.1                 | 0.62             | 1.25 | 2.5  | 0.62 | 3   | 8    | 10.69 | 1.44 |
| YXR1060-16 | 5/8 x 10     | 5200       | 153.6                 | 0.62             | 1.25 | 2.5  | 0.62 | 3   | 10   | 12.69 | 1.44 |
| YXR1060-17 | 5/8 x 12     | 5200       | 167.1                 | 0.62             | 1.25 | 2.5  | 0.62 | 4   | 12   | 14.69 | 1.44 |
| YXR1060-18 | 3/4 x 4-1/2  | 7200       | 168.6                 | 0.75             | 1.5  | 3    | 0.75 | 2   | 4.5  | 7.69  | 1.44 |
| YXR1060-19 | 3/4 x 6      | 7200       | 184.5                 | 0.75             | 1.5  | 3    | 0.75 | 3   | 6    | 9.19  | 1.69 |
| YXR1060-20 | 3/4 x 8      | 7200       | 207.9                 | 0.75             | 1.5  | 3    | 0.75 | 3   | 8    | 11.19 | 1.69 |
| YXR1060-21 | 3/4 x 10     | 7200       | 235                   | 0.75             | 1.5  | 3    | 0.75 | 3   | 10   | 13.19 | 1.69 |
| YXR1060-22 | 3/4 x 12     | 7200       | 257.5                 | 0.75             | 1.5  | 3    | 0.75 | 4   | 12   | 15.18 | 1.69 |
| YXR1060-23 | 3/4 x 15     | 7200       | 298                   | 0.75             | 1.5  | 3    | 0.75 | 5   | 15   | 18.19 | 1.69 |
| YXR1060-24 | 7/8 x 5      | 10600      | 270                   | 0.88             | 1.75 | 3.5  | 0.88 | 2.5 | 5    | 8.75  | 2    |
| YXR1060-25 | 7/8 x 8      | 10600      | 308                   | 0.88             | 1.75 | 3.5  | 0.88 | 4   | 8    | 11.75 | 2    |
| YXR1060-26 | 7/8 x 12     | 10600      | 400                   | 0.88             | 1.75 | 3.5  | 0.88 | 4   | 12   | 15.75 | 2    |
| YXR1060-27 | 1 x 6        | 13300      | 421                   | 1                | 2    | 4    | 1    | 3   | 6    | 10.31 | 2.31 |
| YXR1060-28 | 1 x 9        | 13300      | 468.5                 | 1                | 2    | 4    | 1    | 4   | 9    | 13.31 | 2.31 |
| YXR1060-29 | 1 x 12       | 13300      | 540                   | 1                | 2    | 4    | 1    | 4   | 12   | 16.31 | 2.31 |
| YXR1060-30 | 1 x 18       | 13300      | 650                   | 1                | 2    | 4    | 1    | 7   | 18   | 22.31 | 2.31 |
| YXR1060-31 | 1-1/4 x 8    | 21000      | 750                   | 1.25             | 2.5  | 5    | 1.25 | 4   | 8    | 13.38 | 2.88 |
| YXR1060-32 | 1-1/4 x 12   | 21000      | 900                   | 1.25             | 2.5  | 5    | 1.25 | 4   | 12   | 17.38 | 2.88 |
| YXR1060-33 | 1-1/4 x 20   | 21000      | 1210                  | 1.25             | 2.5  | 5    | 1.25 | 6   | 20   | 25.38 | 2.88 |

◆ Ultimate Load is 4 Times the Working Load Limit

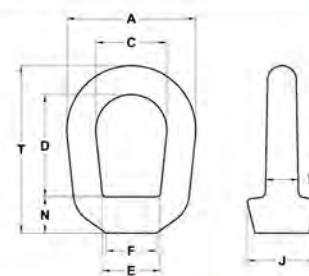


YXR1059

## US TYPE FORGED SHOULDER NUT EYE BOLTS G277

| ITEM NO.   | SIZE (IN.)   | WLL (LBS.) | WEIGHT PER 100 (LBS.) | DIMENSIONS (IN.) |      |      |      |     |      |       |      |      |
|------------|--------------|------------|-----------------------|------------------|------|------|------|-----|------|-------|------|------|
|            |              |            |                       | A                | B    | C    | D    | E   | F    | G     | H    | J    |
| YXR1059-01 | 1/4 x 2      | 650        | 6.6                   | 0.25             | 0.5  | 0.88 | 0.19 | 1.5 | 2    | 2.94  | 0.5  | 0.47 |
| YXR1059-02 | 1/4 x 4      | 650        | 9.1                   | 0.25             | 0.5  | 0.88 | 0.19 | 2.5 | 4    | 4.94  | 0.5  | 0.47 |
| YXR1059-03 | 5/16 x 2-1/4 | 1200       | 12.5                  | 0.31             | 0.62 | 1.12 | 0.25 | 1.5 | 2.25 | 3.5   | 0.69 | 0.56 |
| YXR1059-04 | 5/16 x 4-1/4 | 1200       | 18.8                  | 0.31             | 0.62 | 1.12 | 0.25 | 2.5 | 4.25 | 5.5   | 0.69 | 0.56 |
| YXR1059-05 | 3/8 x 2-1/2  | 1550       | 21.4                  | 0.38             | 0.75 | 1.38 | 0.31 | 1.5 | 2.5  | 3.97  | 0.78 | 0.66 |
| YXR1059-06 | 3/8 x 4-1/2  | 1550       | 25.3                  | 0.38             | 0.75 | 1.38 | 0.31 | 2.5 | 4.5  | 5.97  | 0.78 | 0.66 |
| YXR1059-07 | 1/2 x 3-1/4  | 2600       | 42.6                  | 0.5              | 1    | 1.75 | 0.38 | 1.5 | 3.25 | 5.12  | 1    | 0.91 |
| YXR1059-08 | 1/2 x 6      | 2600       | 56.8                  | 0.5              | 1    | 1.75 | 0.38 | 3   | 6    | 7.88  | 1    | 0.91 |
| YXR1059-09 | 5/8 x 4      | 5200       | 68.6                  | 0.62             | 1.25 | 2.25 | 0.5  | 2   | 4    | 6.44  | 1.31 | 1.12 |
| YXR1059-10 | 5/8 x 6      | 5200       | 102.4                 | 0.62             | 1.25 | 2.25 | 0.5  | 3   | 6    | 8.44  | 1.31 | 1.12 |
| YXR1059-11 | 3/4 x 4-1/2  | 7200       | 144.5                 | 0.75             | 1.5  | 2.75 | 0.62 | 2   | 4.5  | 7.44  | 1.56 | 1.38 |
| YXR1059-12 | 3/4 x 6      | 7200       | 167.5                 | 0.75             | 1.5  | 2.75 | 0.62 | 3   | 6    | 8.94  | 1.56 | 1.38 |
| YXR1059-13 | 7/8 x 5      | 10600      | 225                   | 0.88             | 1.75 | 3.25 | 0.75 | 2.5 | 5    | 8.46  | 1.84 | 1.56 |
| YXR1059-14 | 1 x 6        | 13300      | 366.3                 | 1                | 2    | 3.75 | 0.88 | 3   | 6    | 9.97  | 2.09 | 1.81 |
| YXR1059-15 | 1 x 9        | 13300      | 422.5                 | 1                | 2    | 3.75 | 0.88 | 4   | 9    | 12.97 | 2.09 | 1.81 |
| YXR1059-16 | 1-1/4 x 8    | 21000      | 650                   | 1.25             | 2.5  | 4.5  | 1    | 4   | 8    | 12.72 | 2.47 | 2.28 |
| YXR1059-17 | 1-1/4 x 12   | 21000      | 795                   | 1.25             | 2.5  | 4.5  | 1    | 4   | 12   | 16.72 | 2.47 | 2.28 |
| YXR1059-18 | 1-1/2 x 15   | 24000      | 1425                  | 1.5              | 3    | 5.5  | 1.25 | 6   | 15   | 20.75 | 3    | 2.75 |

◆ Ultimate Load is 4 Times the Working Load Limit

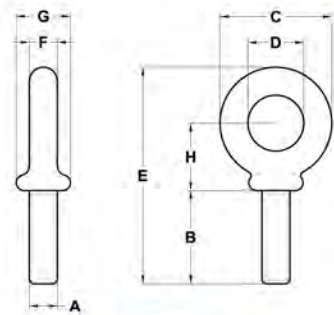


YXR1061

## US TYPE FORGED EYE NUTS G400

| ITEM NO.   | SIZE (IN.) | WLL (LBS.) | WEIGHT PER 100 (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |      |  |  |
|------------|------------|------------|-----------------------|------------------|------|------|------|------|------|------|------|------|------|--|--|
|            |            |            |                       | A                | C    | D    | E    | F    | J    | K    | N    | T    | W    |  |  |
| YXR1061-01 | 1/4        | 520        | 0.09                  | 1.25             | 0.75 | 1    | 0.75 | 0.5  | 0.69 | 0.63 | 0.38 | 1.72 | 0.31 |  |  |
| YXR1061-02 | 3/8        | 1250       | 0.17                  | 1.62             | 1    | 1.2  | 0.83 | 0.56 | 0.81 | 0.89 | 0.5  | 2.09 | 0.41 |  |  |
| YXR1061-03 | 1/2        | 2250       | 0.28                  | 2                | 1.25 | 1.44 | 1.08 | 0.81 | 1    | 1.09 | 0.62 | 2.55 | 0.5  |  |  |
| YXR1061-04 | 5/8        | 3600       | 0.6                   | 2.5              | 1.5  | 1.92 | 1.35 | 1    | 1.31 | 1.31 | 0.69 | 3.25 | 0.69 |  |  |
| YXR1061-05 | 3/4        | 5200       | 1                     | 3                | 1.75 | 2.38 | 1.59 | 1.12 | 1.5  | 1.5  | 0.88 | 3.89 | 0.84 |  |  |
| YXR1061-06 | 7/8        | 7200       | 1.65                  | 3.5              | 2    | 2.63 | 1.96 | 1.38 | 1.88 | 1.88 | 0.94 | 4.32 | 1    |  |  |
| YXR1061-07 | 1          | 10000      | 2.69                  | 4                | 2.25 | 3.06 | 2.21 | 1.56 | 2.13 | 2.13 | 1.07 | 5.01 | 1.19 |  |  |
| YXR1061-08 | 1-1/4      | 15500      | 4.38                  | 4.5              | 2.5  | 3.5  | 2.46 | 1.88 | 2.38 | 2.38 | 1.25 | 5.78 | 1.38 |  |  |
| YXR1061-09 | 1-3/8      | 18500      | 5                     | 5                | 2.75 | 4    | 2.69 | 2    | 2.56 | 2.56 | 1.38 | 6.51 | 1.5  |  |  |
| YXR1061-10 | 1-1/2      | 22500      | 6.78                  | 5.62             | 3.12 | 4.31 | 3.09 | 2.25 | 3    | 3    | 1.5  | 7.06 | 1.66 |  |  |
| YXR1061-11 | 2          | 40000      | 14.6                  | 7.12             | 4.1  | 6.2  | 4.09 | 3.13 | 3.75 | 3.75 | 2.06 | 9.91 | 1.94 |  |  |

◆ Ultimate Load is 4 Times the Working Load Limit

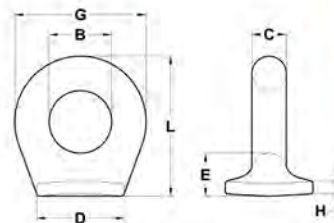


YXR1062

## US TYPE FORGED MACHINERY EYE BOLTS S279

| ITEM NO.   | SIZE (IN.)    | WLL (LBS.) | WEIGHT PER 100 (LBS.) | DIMENSIONS (IN.) |      |      |      |       |      |      |      |  |
|------------|---------------|------------|-----------------------|------------------|------|------|------|-------|------|------|------|--|
|            |               |            |                       | A                | B    | C    | D    | E     | F    | G    | H    |  |
| YXR1062-01 | 1/4 x 1       | 650        | 5                     | 1/4-20           | 1.02 | 1.13 | 0.75 | 2.29  | 0.19 | 0.53 | 0.77 |  |
| YXR1062-02 | 5/16 x 1-1/8  | 1200       | 9                     | 5/16-18          | 1.15 | 1.38 | 0.88 | 2.74  | 0.25 | 0.59 | 0.95 |  |
| YXR1062-03 | 3/8 x 1-1/4   | 1550       | 15                    | 3/8-16           | 1.27 | 1.62 | 1    | 3.07  | 0.31 | 0.69 | 1.05 |  |
| YXR1062-04 | 1/2 x 1-1/2   | 2600       | 28                    | 1/2-13           | 1.53 | 1.95 | 1.19 | 3.7   | 0.38 | 0.91 | 1.27 |  |
| YXR1062-05 | 5/8 x 1-3/4   | 5200       | 55                    | 5/8-11           | 1.79 | 2.38 | 1.38 | 4.45  | 0.5  | 1.13 | 1.53 |  |
| YXR1062-06 | 3/4 x 2       | 7200       | 96                    | 3/4-10           | 2.05 | 2.76 | 1.5  | 5.07  | 0.63 | 1.38 | 1.71 |  |
| YXR1062-07 | 7/8 x 2-1/4   | 10600      | 154                   | 7/8-10           | 2.31 | 3.25 | 1.75 | 5.87  | 0.75 | 1.56 | 2    |  |
| YXR1062-08 | 1 x 2-1/2     | 13300      | 238                   | 1-8              | 2.57 | 3.76 | 2    | 6.66  | 0.88 | 1.81 | 2.3  |  |
| YXR1062-09 | 1-1/8 x 2-3/4 | 15000      | 320                   | 1-1/8-7          | 2.75 | 4.19 | 2.25 | 7.2   | 0.97 | 2.06 | 2.35 |  |
| YXR1062-10 | 1-1/4 x 3     | 21000      | 399                   | 1-1/4-7          | 3.09 | 4.5  | 2.5  | 7.95  | 1    | 2.28 | 2.73 |  |
| YXR1062-11 | 1-1/2 x 3-1/2 | 24000      | 720                   | 1-1/2-6          | 3.6  | 5.5  | 3    | 9.49  | 1.25 | 2.75 | 3.28 |  |
| YXR1062-12 | 1-3/4 x 3-3/4 | 34000      | 1040                  | 1-3/4-5          | 3.75 | 6.26 | 3.5  | 10.48 | 1.38 | 3    | 3.6  |  |
| YXR1062-13 | 2 x 4         | 42000      | 1880                  | 2-4-1/2          | 4    | 7.62 | 4    | 12.31 | 1.81 | 3.38 | 4.5  |  |
| YXR1062-14 | 2-1/2 x 5     | 65000      | 3250                  | 2-1/2-4          | 5    | 8.76 | 4.5  | 14.88 | 2.12 | 4.25 | 5.5  |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

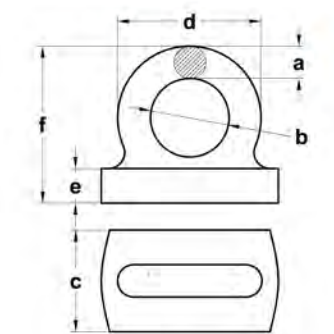


YXR1063

## US TYPE PAD EYE S264

| ITEM NO.   | SIZE  | WEIGHT PER 100 (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |  |
|------------|-------|-----------------------|------------------|------|------|------|------|------|------|--|
|            |       |                       | B                | C    | D    | E    | G    | H    | L    |  |
| YXR1063-01 | 0     | 2.8                   | 0.25             | 0.19 | 0.63 | 0.31 | 0.63 | 0.09 | 0.75 |  |
| YXR1063-02 | 1     | 6.5                   | 0.38             | 0.25 | 0.88 | 0.41 | 0.88 | 0.13 | 1.03 |  |
| YXR1063-03 | 1-1/2 | 10.4                  | 0.63             | 0.25 | 1    | 0.44 | 1.13 | 0.16 | 1.31 |  |
| YXR1063-04 | 2     | 21.1                  | 0.75             | 0.38 | 1.06 | 0.5  | 1.5  | 0.19 | 1.63 |  |
| YXR1063-05 | 4     | 52.2                  | 1                | 0.56 | 1.44 | 0.78 | 2.13 | 0.22 | 2.34 |  |
| YXR1063-06 | 5     | 82.5                  | 1.25             | 0.69 | 1.75 | 0.81 | 2.63 | 0.25 | 2.75 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

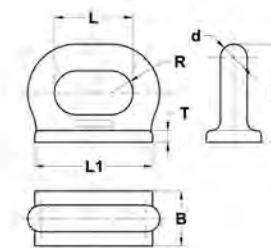


YXR1064

## RECTANGULAR BASE EYE PLATES

| ITEM NO.   | DIAMETER SIZE A (IN.) | PL (T) | WEIGHT (KG) | DIMENSIONS (MM) |     |     |     |    |     |  |  |
|------------|-----------------------|--------|-------------|-----------------|-----|-----|-----|----|-----|--|--|
|            |                       |        |             | a               | b   | c   | d   | e  | f   |  |  |
| YXR1064-01 | 3/8                   | 2.00   | 0.14        | 10              | 20  | 25  | 45  | 5  | 38  |  |  |
| YXR1064-02 | 1/2                   | 3.50   | 0.33        | 12              | 25  | 35  | 60  | 8  | 50  |  |  |
| YXR1064-03 | 5/8                   | 5.50   | 0.53        | 16              | 32  | 45  | 70  | 10 | 64  |  |  |
| YXR1064-04 | 3/4                   | 7.50   | 0.77        | 19              | 38  | 50  | 85  | 12 | 76  |  |  |
| YXR1064-05 | 7/8                   | 9.60   | 1.27        | 22              | 42  | 60  | 102 | 13 | 89  |  |  |
| YXR1064-06 | 1                     | 13.00  | 2.00        | 25              | 50  | 70  | 115 | 16 | 100 |  |  |
| YXR1064-07 | 1-1/8                 | 15.75  | 2.90        | 28              | 57  | 76  | 130 | 18 | 114 |  |  |
| YXR1064-08 | 1-1/4                 | 20.00  | 3.44        | 32              | 64  | 85  | 145 | 19 | 128 |  |  |
| YXR1064-09 | 1-3/8                 | 23.63  | 5.11        | 35              | 70  | 95  | 159 | 21 | 140 |  |  |
| YXR1064-10 | 1-1/2                 | 29.00  | 6.58        | 38              | 76  | 100 | 170 | 22 | 152 |  |  |
| YXR1064-11 | 1-3/4                 | 39.00  | 9.99        | 44              | 88  | 120 | 200 | 26 | 178 |  |  |
| YXR1064-12 | 2                     | 50.00  | 14.98       | 50              | 100 | 140 | 230 | 30 | 203 |  |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

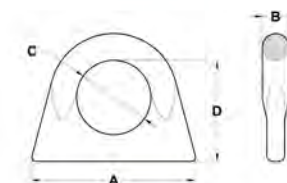


YXR1065

## PAD EYES

| ITEM NO.  | SIZE  | SWL (KN) | BL (KN) | DIMENSIONS (MM) |    |    |     |     |     |    |  |
|-----------|-------|----------|---------|-----------------|----|----|-----|-----|-----|----|--|
|           |       |          |         | L               | D  | T  | L1  | B   | H   | R  |  |
| YX1065-01 | D3.0  | 29.4     | 117.6   | 85              | 28 | 15 | 130 | 60  | 106 | 25 |  |
| YX1065-02 | D5.0  | 49       | 196     | 100             | 34 | 15 | 150 | 70  | 125 | 28 |  |
| YX1065-03 | D7.5  | 73.5     | 294     | 115             | 42 | 20 | 180 | 100 | 147 | 30 |  |
| YX1065-04 | D10.0 | 98       | 392     | 135             | 50 | 20 | 210 | 120 | 162 | 32 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

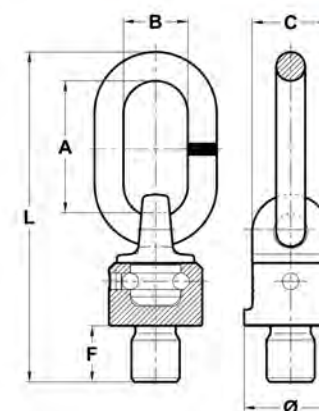


YXR1066

## EN13155 PAD EYES

| ITEM NO.  | SIZE | WLL (T) | MBL (KN) | WEIGHT (KG) | DIMENSIONS (MM) |    |    |    |    |
|-----------|------|---------|----------|-------------|-----------------|----|----|----|----|
|           |      |         |          |             | A               | B  | C  | D  | E  |
| YX1066-01 | 0.2T | 0.2     | 7.8      | 0.07        | 55              | 9  | 23 | 34 | 6  |
| YX1066-02 | 0.5T | 0.5     | 19.6     | 0.13        | 68              | 12 | 31 | 42 | 6  |
| YX1066-03 | 1T   | 1       | 39.2     | 0.22        | 85              | 14 | 41 | 54 | 8  |
| YX1066-04 | 2T   | 2       | 78.4     | 0.44        | 105             | 19 | 47 | 63 | 10 |
| YX1066-05 | 4T   | 4       | 156.9    | 1.1         | 148             | 25 | 65 | 77 | 14 |

◆ Ultimate Load is 4 Times the Working Load Limit.



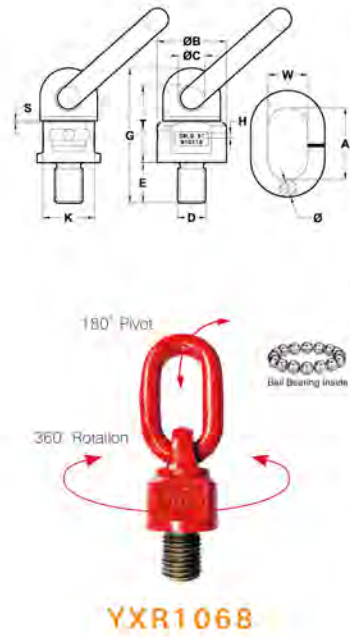
YXR1067

## G80 UNIVERSAL REVOLVING RING

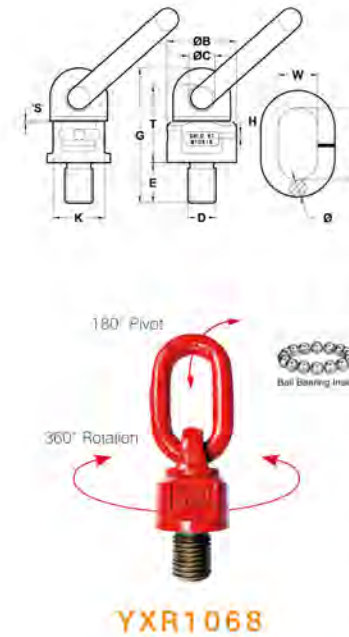
| ITEM NO.   | SIZE   | WEIGHT (KG) | WLL (T) | B.L (T) | DIMENSIONS (MM) |       |       |       |       |    |
|------------|--------|-------------|---------|---------|-----------------|-------|-------|-------|-------|----|
|            |        |             |         |         | A ± 3           | B ± 3 | C ± 2 | Φ ± 1 | L ± 4 | F  |
| YXR1067-01 | M8x18  | 0.57        | 0.3     | 1.2     | 55              | 30    | 32.5  | 38    | 137   | 18 |
| YXR1067-02 | M8x22  | 0.57        | 0.3     | 1.2     | 55              | 30    | 32.5  | 38    | 141   | 22 |
| YXR1067-03 | M10x18 | 0.57        | 0.3     | 1.2     | 55              | 30    | 32.5  | 38    | 137   | 18 |
| YXR1067-04 | M12x18 | 0.58        | 0.5     | 2       | 55              | 30    | 32.5  | 38    | 137   | 18 |
| YXR1067-05 | M12x25 | 0.58        | 0.5     | 2       | 55              | 30    | 32.5  | 38    | 144   | 25 |
| YXR1067-06 | M14x20 | 0.58        | 0.5     | 2       | 55              | 30    | 32.5  | 38    | 139   | 20 |
| YXR1067-07 | M16x20 | 0.59        | 1.12    | 4.48    | 55              | 30    | 32.5  | 38    | 139   | 20 |
| YXR1067-08 | M16x30 | 0.61        | 1.12    | 4.48    | 55              | 30    | 32.5  | 38    | 149   | 30 |
| YXR1067-09 | M20x30 | 1.21        | 2       | 8       | 70              | 35    | 42.5  | 50    | 177   | 30 |
| YXR1067-10 | M20x40 | 1.23        | 2       | 8       | 70              | 35    | 42.5  | 50    | 187   | 40 |
| YXR1067-11 | M20x50 | 1.255       | 2       | 8       | 70              | 35    | 42.5  | 50    | 197   | 50 |
| YXR1067-12 | M20x70 | 1.305       | 2       | 8       | 70              | 35    | 42.5  | 50    | 217   | 70 |
| YXR1067-13 | M24x30 | 0.63        | 1.12    | 4.48    | 55              | 30    | 32.5  | 38    | 149   | 30 |
| YXR1067-14 | M24x30 | 1.731       | 3.15    | 12.6    | 85              | 40    | 48    | 58    | 201   | 30 |
| YXR1067-15 | M24x45 | 1.785       | 3.15    | 12.6    | 85              | 40    | 48    | 58    | 216   | 45 |
| YXR1067-16 | M24x50 | 1.802       | 3.15    | 12.6    | 85              | 40    | 48    | 58    | 221   | 50 |
| YXR1067-17 | M30x35 | 1.82        | 3.15    | 12.6    | 85              | 40    | 48    | 58    | 206   | 35 |
| YXR1067-18 | M30x35 | 3.67        | 5.3     | 21.2    | 80              | 50    | 68    | 75    | 196   | 35 |
| YXR1067-19 | M30x45 | 3.72        | 5.3     | 21.2    | 80              | 50    | 68    | 75    | 206   | 45 |
| YXR1067-20 | M30x35 | 5.1         | 8       | 32      | 115             | 50    | 78    | 84    | 248   | 35 |
| YXR1067-21 | M30x45 | 5.11        | 8       | 32      | 115             | 50    | 78    | 84    | 258   | 45 |
| YXR1067-22 | M36x54 | 5.3         | 8       | 32      | 115             | 50    | 78    | 84    | 267   | 54 |

◆ Ultimate Load is 4 Times the Working Load Limit.

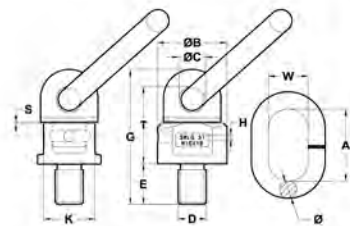
## G80 LIFTING SCREW POINT



| ITEM NO.   | SIZE    | WT (KG) | WLL(T) B.L(T) |     | DIMENSIONS (MM) |       |      |       |       |     |     |     |     |       |  |  |  |
|------------|---------|---------|---------------|-----|-----------------|-------|------|-------|-------|-----|-----|-----|-----|-------|--|--|--|
|            |         |         | 90°           | 0°  | DXE             | B±1.5 | C    | G±1.5 | T±1.5 | A±5 | W±5 | Φ±2 | K±1 | S±0.8 |  |  |  |
| YXR1068-01 | M8x13   | 0.45    | 0.3           | 0.6 | M8x13           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-02 | M8x18   | 0.45    | 0.3           | 0.6 | M8x18           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-03 | M8x20   | 0.45    | 0.3           | 0.6 | M8x20           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-04 | M8x23   | 0.45    | 0.3           | 0.6 | M8x23           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-05 | M8x30   | 0.45    | 0.3           | 0.6 | M8x30           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-06 | M8x32   | 0.45    | 0.3           | 0.6 | M8x32           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-07 | M8x43   | 0.46    | 0.3           | 0.6 | M8x43           | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-08 | M10x10  | 0.45    | 0.5           | 1   | M10x10          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-09 | M10x15  | 0.45    | 0.5           | 1   | M10x15          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-10 | M10x18  | 0.45    | 0.5           | 1   | M10x18          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-11 | M10x20  | 0.45    | 0.5           | 1   | M10x20          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-12 | M10x25  | 0.45    | 0.5           | 1   | M10x25          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-13 | M10x27  | 0.46    | 0.5           | 1   | M10x27          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-14 | M10x30  | 0.46    | 0.5           | 1   | M10x30          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-15 | M10x40  | 0.46    | 0.5           | 1   | M10x40          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-16 | M10x50  | 0.47    | 0.5           | 1   | M10x50          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-17 | M10x90  | 0.50    | 0.5           | 1   | M10x90          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-18 | M12x18  | 0.46    | 0.5           | 1   | M12x18          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-19 | M12x20  | 0.46    | 0.5           | 1   | M12x20          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-20 | M12x27  | 0.46    | 0.5           | 1   | M12x27          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-21 | M12x30  | 0.47    | 0.5           | 1   | M12x30          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-22 | M12x31  | 0.47    | 0.5           | 1   | M12x31          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-23 | M12x35  | 0.47    | 0.5           | 1   | M12x35          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-24 | M12x40  | 0.47    | 0.5           | 1   | M12x40          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-25 | M12x45  | 0.48    | 0.5           | 1   | M12x45          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-26 | M12x48  | 0.48    | 0.5           | 1   | M12x48          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-27 | M12x110 | 0.54    | 0.5           | 1   | M12x110         | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-28 | M14x20  | 0.49    | 1.12          | 2   | M14x20          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-29 | M16x20  | 0.47    | 1.12          | 2   | M16x20          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-30 | M16x24  | 0.48    | 1.12          | 2   | M16x24          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-31 | M16x27  | 0.49    | 1.12          | 2   | M16x27          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-32 | M16x30  | 0.49    | 1.12          | 2   | M16x30          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-33 | M16x35  | 0.49    | 1.12          | 2   | M16x35          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-34 | M16x40  | 0.50    | 1.12          | 2   | M16x40          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-35 | M16x46  | 0.51    | 1.12          | 2   | M16x46          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-36 | M16x50  | 0.52    | 1.12          | 2   | M16x50          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-37 | M16x64  | 0.54    | 1.12          | 2   | M16x64          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-38 | M16x80  | 0.57    | 1.12          | 2   | M16x80          | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-39 | M16x100 | 0.60    | 1.12          | 2   | M16x100         | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-40 | M16x120 | 0.63    | 1.12          | 2   | M16x120         | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-41 | M16x300 | 0.91    | 1.12          | 2   | M16x300         | 36    | 16.5 | 52    | 42.8  | 55  | 30  | 14  | 30  | 1     |  |  |  |
| YXR1068-42 | M18x30  | 0.95    | 2             | 4   | M18x30          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-43 | M20x20  | 0.97    | 2             | 4   | M20x20          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-44 | M20x30  | 0.99    | 2             | 4   | M20x30          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-45 | M20x35  | 1.01    | 2             | 4   | M20x35          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-46 | M20x40  | 1.02    | 2             | 4   | M20x40          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-47 | M20x43  | 1.02    | 2             | 4   | M20x43          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-48 | M20x50  | 1.04    | 2             | 4   | M20x50          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-49 | M20x55  | 1.05    | 2             | 4   | M20x55          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |



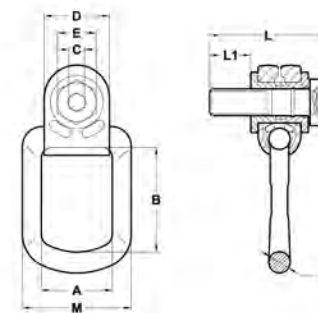
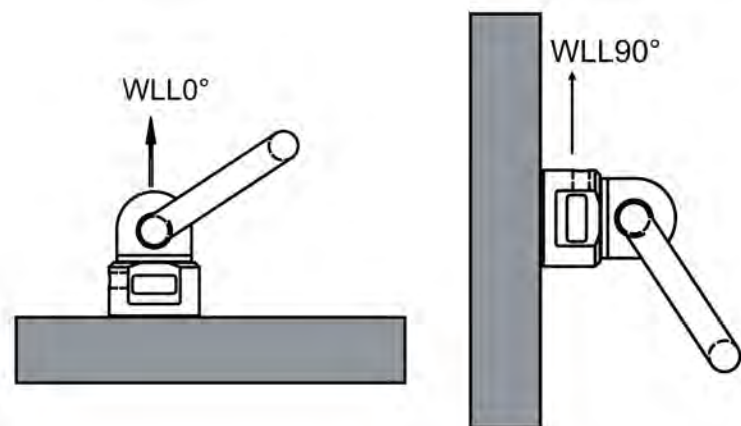
| ITEM NO.   | SIZE    | WT (KG) | WLL(T) B.L(T) |      | DIMENSIONS (MM) |       |      |       |       |     |     |     |     |       |  |  |  |
|------------|---------|---------|---------------|------|-----------------|-------|------|-------|-------|-----|-----|-----|-----|-------|--|--|--|
|            |         |         | 90°           | 0°   | DXE             | B±1.5 | C    | G±1.5 | T±1.5 | A±5 | W±5 | Φ±2 | K±1 | S±0.8 |  |  |  |
| YXR1068-50 | M20x75  | 1.10    | 2             | 4    | M20x75          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-51 | M20x80  | 1.12    | 2             | 4    | M20x80          | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-52 | M20x120 | 1.21    | 2             | 4    | M20x120         | 49.5  | 19   | 69    | 57    | 70  | 35  | 16  | 41  | 1     |  |  |  |
| YXR1068-53 | M24x30  | 1.33    | 3.15          | 6.3  | M24x30          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-54 | M24x36  | 1.35    | 3.15          | 6.3  | M24x36          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-55 | M24x38  | 1.36    | 3.15          | 6.3  | M24x38          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-56 | M24x40  | 1.36    | 3.15          | 6.3  | M24x40          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-57 | M24x45  | 1.38    | 3.15          | 6.3  | M24x45          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-58 | M24x50  | 1.4     | 3.15          | 6.3  | M24x50          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-59 | M24x73  | 1.48    | 3.15          | 6.3  | M24x73          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-60 | M24x90  | 1.54    | 3.15          | 6.3  | M24x90          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-61 | M24x96  | 1.56    | 3.15          | 6.3  | M24x96          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-62 | M24x120 | 1.65    | 3.15          | 6.3  | M24x120         | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-63 | M24x300 | 2.29    | 3.15          | 6.3  | M24x300         | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-64 | M27x35  | 1.47    | 3.15          | 6.3  | M27x35          | 57    | 22   | 79.5  | 67    | 85  | 40  | 18  | 46  | 1.5   |  |  |  |
| YXR1068-65 | M30x35  | 2.3     | 5.3           | 10.6 | M30x35          | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-66 | M30x38  | 2.32    | 5.3           | 10.6 | M30x38          | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-67 | M30x45  | 2.36    | 5.3           | 10.6 | M30x45          | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-68 | M30x60  | 2.49    | 5.3           | 10.6 | M30x60          | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-69 | M30x75  | 2.53    | 5.3           | 10.6 | M30x75          | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-70 | M30x120 | 2.78    | 5.3           | 10.6 | M30x120         | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-71 | M30x160 | 3       | 5.3           | 10.6 | M30x160         | 66    | 23.5 | 98    | 82    | 85  | 40  | 20  | 54  | 1.5   |  |  |  |
| YXR1068-72 | M30x35  | 3.73    | 8             | 11.8 | M30x35          | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-73 | M30x38  | 3.75    | 8             | 11.8 | M30x38          | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-74 | M30x45  | 3.79    | 8             | 11.8 | M30x45          | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-75 | M30x50  | 3.82    | 8             | 11.8 | M30x50          | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-76 | M30x55  | 3.84    | 8             | 11.8 | M30x55          | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-77 | M30x98  | 4.08    | 8             | 11.8 | M30x98          | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-78 | M30x120 | 4.21    | 8             | 11.8 | M30x120         | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-79 | M30x140 | 4.32    | 8             | 11.8 | M30x140         | 80    | 28   | 114   | 94    | 115 | 50  | 22  | 64  | 2     |  |  |  |
| YXR1068-80 | M36x50  | 3.88    | 8             | 11.8 | M36x50          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-81 | M36x53  | 3.9     | 8             | 11.8 | M36x53          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-82 | M36x60  | 3.96    | 8             | 11.8 | M36x60          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-83 | M36x90  | 4.2     | 8             | 11.8 | M36x90          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-84 | M36x128 | 4.5     | 8             | 11.8 | M36x128         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-85 | M36x140 | 4.6     | 8             | 11.8 | M36x140         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-86 | M36x160 | 4.76    | 8             | 11.8 | M36x160         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-87 | M36x220 | 5.24    | 8             | 11.8 | M36x220         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-88 | M36x300 | 5.88    | 8             | 11.8 | M36x300         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-89 | M36x330 | 6.12    | 8             | 11.8 | M36x330         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-90 | M36x400 | 6.67    | 8             | 11.8 | M36x400         | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-91 | M39x50  | 3.95    | 8             | 11.8 | M39x50          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-92 | M39x60  | 4.04    | 8             | 11.8 | M39x60          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-93 | M39x90  | 4.32    | 8             | 11.8 | M39x90          | 80    | 28   | 111   | 92    | 115 | 50  | 22  | 65  | 2     |  |  |  |
| YXR1068-94 | M42x50  | 4.46    | 10            | 15   | M42x50          | 80    | 28   | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |  |
| YXR1068-95 | M42x60  | 4.57    | 10            | 15   | M42x60          | 80    | 28   | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |  |
| YXR1068-96 | M42x63  | 4.6     | 10            | 15   | M42x63          | 80    | 28   | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |  |
| YXR1068-97 | M42x130 | 5.33    | 10            | 15   | M42x130         | 80    | 28   | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |  |
| YXR1068-98 | M42x160 | 5.66    | 10            | 15   | M42x160         | 80    | 28   | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |  |
| YXR1068-99 | M42x180 | 5.87    | 10            | 15   | M42x180         | 80    | 28   | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |  |



YXR1068

| ITEM NO.    | SIZE    | WT (KG) | WLL(T) B.L(T) |    | DIMENSIONS (MM) |       |    |       |       |     |     |     |     |       |  |  |
|-------------|---------|---------|---------------|----|-----------------|-------|----|-------|-------|-----|-----|-----|-----|-------|--|--|
|             |         |         | 90°           | 0° | DXE             | B±1.5 | C  | G±1.5 | T±1.5 | A±5 | W±5 | Φ±2 | K±1 | S±0.8 |  |  |
| YXR1068-100 | M45x60  | 4.7     | 10            | 15 | M45x60          | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-101 | M48x50  | 4.63    | 10            | 15 | M48x50          | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-102 | M48x60  | 4.77    | 10            | 15 | M48x60          | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-103 | M48x70  | 4.91    | 10            | 15 | M48x70          | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-104 | M48x72  | 4.94    | 10            | 15 | M48x72          | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-105 | M48x110 | 5.48    | 10            | 15 | M48x110         | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-106 | M48x160 | 6.19    | 10            | 15 | M48x160         | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-107 | M48x245 | 7.39    | 10            | 15 | M48x245         | 80    | 28 | 111   | 92    | 115 | 50  | 25  | 65  | 2.5   |  |  |
| YXR1068-108 | M56x84  | 11.8    | 15            | 25 | M56x84          | 117   | 42 | 166   | 134   | 152 | 70  | 32  | 95  | 2.5   |  |  |
| YXR1068-109 | M64x95  | 12.5    | 15            | 25 | M64x95          | 117   | 42 | 166   | 134   | 152 | 70  | 32  | 95  | 2.5   |  |  |

◆ WLL at 0° and WLL 90°  
◆ Ultimate Load at 4 Times the Working Load Limit

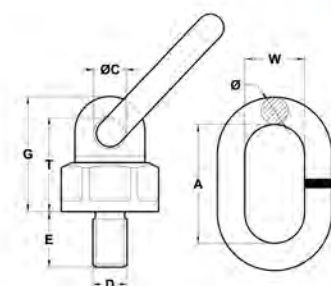


YXR1070

## G80 PIVOTIG LIFTING SCREW

| ITEM NO.   | SIZE    | WT (KG) | WLL (T) | B.L (T) | DIMENSIONS (MM) |       |    |     |    |       |       |        |       |  |  |  |
|------------|---------|---------|---------|---------|-----------------|-------|----|-----|----|-------|-------|--------|-------|--|--|--|
|            |         |         |         |         | A±1             | B±1   | C  | D   | E  | M±1.5 | L±1.5 | L1±1.5 | Φ±1.5 |  |  |  |
| YXR1070-01 | M8      | 0.36    | 0.3     | 1.2     | 35              | 52.5  | 6  | 30  | 13 | 45    | 46    | 10.4   | 14    |  |  |  |
| YXR1070-02 | M8x76   | 0.39    | 0.3     | 1.2     | 35              | 52.5  | 6  | 30  | 13 | 45    | 46    | 76     | 14    |  |  |  |
| YXR1070-03 | M10     | 0.38    | 0.63    | 2.52    | 35              | 52.5  | 6  | 30  | 17 | 45    | 52    | 16     | 14    |  |  |  |
| YXR1070-04 | M10x96  | 0.43    | 0.63    | 2.52    | 35              | 52.5  | 6  | 30  | 17 | 45    | 52    | 96     | 14    |  |  |  |
| YXR1070-05 | M12     | 0.71    | 1       | 4       | 40              | 54    | 8  | 36  | 19 | 68    | 158   | 18     | 18    |  |  |  |
| YXR1070-06 | M12x114 | 0.80    | 1       | 4       | 40              | 54    | 8  | 36  | 19 | 68    | 66    | 114    | 18    |  |  |  |
| YXR1070-07 | M14     | 0.72    | 1.2     | 4.8     | 40              | 54    | 8  | 36  | 19 | 68    | 185   | 21     | 18    |  |  |  |
| YXR1070-08 | M14x140 | 0.86    | 1.2     | 4.8     | 40              | 54    | 10 | 36  | 22 | 68    | 70    | 140    | 18    |  |  |  |
| YXR1070-09 | M16     | 0.74    | 1.5     | 6       | 40              | 54    | 8  | 36  | 19 | 68    | 70    | 24     | 18    |  |  |  |
| YXR1070-10 | M16x30  | 0.74    | 1.5     | 6       | 40              | 54    | 8  | 36  | 19 | 68    | 70    | 30     | 18    |  |  |  |
| YXR1070-11 | M16x40  | 0.75    | 1.5     | 6       | 40              | 54    | 8  | 36  | 19 | 68    | 146   | 40     | 18    |  |  |  |
| YXR1070-12 | M16x100 | 0.85    | 1.5     | 6       | 40              | 54    | 10 | 36  | 24 | 68    | 195   | 100    | 18    |  |  |  |
| YXR1070-13 | M16x149 | 0.92    | 1.5     | 6       | 40              | 54    | 10 | 36  | 24 | 68    | 240   | 149    | 18    |  |  |  |
| YXR1070-14 | M16x194 | 0.99    | 1.5     | 6       | 40              | 54    | 10 | 36  | 24 | 68    | 240   | 194    | 18    |  |  |  |
| YXR1070-15 | M18x26  | 1.16    | 2       | 8       | 54              | 80    | 12 | 50  | 30 | 83    | 83    | 26     | 16    |  |  |  |
| YXR1070-16 | M18x180 | 1.47    | 2       | 8       | 54              | 80    | 12 | 50  | 30 | 83    | 237   | 180    | 16    |  |  |  |
| YXR1070-17 | M20     | 1.19    | 2.5     | 10      | 54              | 80    | 12 | 50  | 30 | 83    | 88    | 30     | 16    |  |  |  |
| YXR1070-18 | M20x55  | 1.21    | 2.5     | 10      | 54              | 80    | 12 | 50  | 30 | 83    | 113   | 55     | 16    |  |  |  |
| YXR1070-19 | M20x60  | 1.25    | 2.5     | 10      | 54              | 80    | 12 | 50  | 30 | 83    | 118   | 60     | 16    |  |  |  |
| YXR1070-20 | M20x100 | 1.57    | 2.5     | 10      | 54              | 80    | 12 | 50  | 30 | 83    | 156   | 100    | 16    |  |  |  |
| YXR1070-21 | M20x187 | 2.27    | 2.5     | 10      | 54              | 80    | 12 | 50  | 30 | 83    | 118   | 187    | 16    |  |  |  |
| YXR1070-22 | M24x35  | 1.35    | 4       | 16      | 54              | 94    | 14 | 50  | 36 | 83    | 95    | 35     | 18    |  |  |  |
| YXR1070-23 | M24x40  | 1.38    | 4       | 16      | 54              | 94    | 14 | 50  | 36 | 83    | 100   | 40     | 18    |  |  |  |
| YXR1070-24 | M24x60  | 1.46    | 4       | 16      | 54              | 94    | 14 | 50  | 36 | 83    | 120   | 60     | 18    |  |  |  |
| YXR1070-25 | M24x80  | 1.54    | 4       | 16      | 54              | 94    | 14 | 50  | 36 | 83    | 138   | 80     | 18    |  |  |  |
| YXR1070-26 | M24x100 | 1.62    | 4       | 16      | 54              | 94    | 14 | 50  | 36 | 83    | 158   | 100    | 18    |  |  |  |
| YXR1070-27 | M24x222 | 2.11    | 4       | 16      | 54              | 94    | 14 | 50  | 36 | 83    | 120   | 222    | 18    |  |  |  |
| YXR1070-28 | M27     | 4.18    | 4       | 16      | 73              | 106   | 17 | 73  | 41 | 120   | 120   | 38     | 27    |  |  |  |
| YXR1070-29 | M27x270 | 5.22    | 4       | 16      | 73              | 106   | 17 | 73  | 41 | 120   | 352   | 270    | 27    |  |  |  |
| YXR1070-30 | M30     | 4.40    | 5       | 20      | 73              | 106   | 17 | 73  | 41 | 120   | 132   | 48     | 27    |  |  |  |
| YXR1070-31 | M30x70  | 4.19    | 5       | 20      | 73              | 106   | 17 | 73  | 41 | 120   | 154   | 70     | 27    |  |  |  |
| YXR1070-32 | M30x279 | 5.35    | 5       | 20      | 73              | 106   | 17 | 73  | 41 | 120   | 154   | 279    | 27    |  |  |  |
| YXR1070-33 | M36x54  | 4.65    | 7       | 28      | 73              | 106   | 17 | 73  | 41 | 120   | 142   | 54     | 27    |  |  |  |
| YXR1070-34 | M36x62  | 7.60    | 8       | 32      | 94              | 140.5 | 22 | 94  | 55 | 156   | 163   | 62     | 21    |  |  |  |
| YXR1070-35 | M36x70  | 4.80    | 7       | 28      | 73              | 106   | 17 | 73  | 41 | 120   | 158   | 70     | 27    |  |  |  |
| YXR1070-36 | M36x223 | 8.94    | 8       | 32      | 94              | 140.5 | 22 | 94  | 55 | 156   | 324   | 223    | 31    |  |  |  |
| YXR1070-37 | M42     | 8.20    | 10      | 40      | 94              | 140.5 | 24 | 94  | 65 | 156   | 176   | 72     | 31    |  |  |  |
| YXR1070-38 | M42x63  | 12.40   | 15      | 60      | 104             | 155   | 24 | 104 | 65 | 176   | 179   | 63     | 40    |  |  |  |
| YXR1070-39 | M42x263 | 14.60   | 15      | 60      | 104             | 155   | 24 | 104 | 65 | 176   | 379   | 263    | 40    |  |  |  |
| YXR1070-40 | M48x74  | 13.00   | 20      | 80      | 104             | 155   | 27 | 104 | 75 | 176   | 194   | 74     | 40    |  |  |  |
| YXR1070-41 | M48x295 | 16.10   | 20      | 80      | 104             | 155   | 27 | 104 | 75 | 176   | 194   | 295    | 40    |  |  |  |

◆ Ultimate Load at 4 Times the Working Load Limit



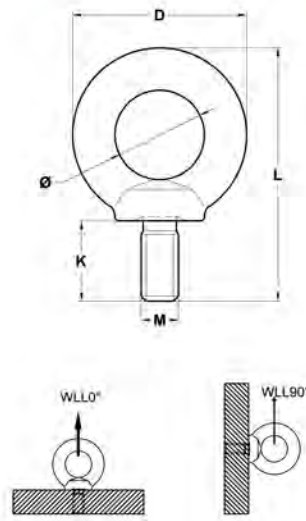
YXR1069

## G80 LIFTING SCREW POINT

| ITEM NO.   | SIZE   | WT (KG) | WLL(T) B.L(T) |      | DIMENSIONS (MM) |      |     |      |     |     |       |  |  |  |  |  |
|------------|--------|---------|---------------|------|-----------------|------|-----|------|-----|-----|-------|--|--|--|--|--|
|            |        |         | 90°           | 0°   | DXE             | C±2  | G±1 | T±2  | A±5 | W±5 | Φ±1.5 |  |  |  |  |  |
| YXR1069-01 | M8x13  | 0.54    | 0.3           | 0.6  | M8x13           | 16.5 | 53  | 42   | 55  | 30  | 14    |  |  |  |  |  |
| YXR1069-02 | M10x18 | 0.54    | 0.45          | 0.9  | M10x18          | 16.5 | 53  | 42   | 55  | 30  | 14    |  |  |  |  |  |
| YXR1069-03 | M12x20 | 0.55    | 0.5           | 1    | M12x20          | 16.5 | 53  | 42   | 55  | 30  | 14    |  |  |  |  |  |
| YXR1069-04 | M14x20 | 0.55    | 1.12          | 2    | M14x20          | 16.5 | 53  | 42   | 55  | 30  | 14    |  |  |  |  |  |
| YXR1069-05 | M16x25 | 0.57    | 1.12          | 2    | M16x25          | 16.5 | 53  | 42   | 55  | 30  | 14    |  |  |  |  |  |
| YXR1069-06 | M20x33 | 1.11    | 2             | 4    | M20x33          | 19   | 68  | 56   | 70  | 35  | 16    |  |  |  |  |  |
| YXR1069-07 | M24x40 | 1.70    | 3.15          | 6.3  | M24x40          | 22   | 78  | 65.5 | 85  | 40  | 18    |  |  |  |  |  |
| YXR1069-08 | M27x40 | 1.70    | 3.15          | 6.3  | M27x40          | 22   | 78  | 65.5 | 85  | 40  | 18    |  |  |  |  |  |
| YXR1069-09 | M30x50 | 2.55    | 5.3           | 10.6 | M30x50          | 23.5 | 97  | 81   | 115 | 40  | 20    |  |  |  |  |  |
| YXR1069-10 | M30x50 | 3.90    | 8             | 11.8 | M30x50          | 28   | 113 | 93   | 115 | 50  | 22    |  |  |  |  |  |
| YXR1069-11 | M36x54 | 3.90    | 8             | 11.8 | M36x54          | 28   | 110 | 90   | 115 | 50  | 22    |  |  |  |  |  |
| YXR1069-12 | M39x54 | 4.00    | 8             | 11.8 | M39x54          | 28   | 110 | 90   | 115 | 50  | 22    |  |  |  |  |  |
| YXR1069-13 | M42x63 | 4.54    | 10            | 15   | M42x63          | 28   | 110 | 90   | 115 | 50  | 25    |  |  |  |  |  |
| YXR1069-14 | M48x68 | 4.82    | 10            | 15   | M48x68          | 28   | 110 | 90   | 115 | 50  | 25    |  |  |  |  |  |
| YXR1069-15 | M56x84 | 12.00   | 15            | 30   | M56x84          | 42   | 165 | 133  | 152 | 70  | 32    |  |  |  |  |  |
| YXR1069-16 | M64x95 | 12.75   | 15            | 30   | M64x95          | 42   | 165 | 133  | 152 | 70  | 32    |  |  |  |  |  |

◆ Ultimate Load at 4 Times the Working Load Limit

## G80 EYE SCREW

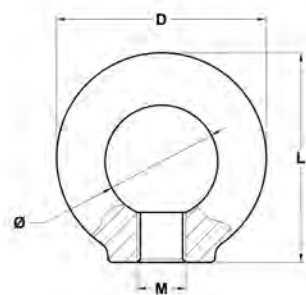


YXR1071

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL(T) B.L(T) |      | DIMENSIONS (MM) |      |     |       |
|------------|------|-------------|---------------|------|-----------------|------|-----|-------|
|            |      |             | 0°            | 90°  | D               | K    | Φ   | L     |
| YXR1071-01 | M6   | 0.05        | 0.4           | 0.15 | 28              | 13   | 16  | 42    |
| YXR1071-02 | M8   | 0.06        | 0.8           | 0.4  | 36              | 15   | 20  | 51    |
| YXR1071-03 | M10  | 0.11        | 1             | 0.4  | 45              | 18   | 25  | 63    |
| YXR1071-04 | M12  | 0.18        | 2             | 0.75 | 54              | 22   | 30  | 75    |
| YXR1071-05 | M14  | 0.28        | 3             | 1    | 63              | 28   | 35  | 89.5  |
| YXR1071-06 | M16  | 0.29        | 4             | 1.5  | 63              | 28   | 35  | 90    |
| YXR1071-07 | M18  | 0.42        | 5             | 2    | 72              | 30   | 40  | 101   |
| YXR1071-08 | M20  | 0.45        | 6             | 2.3  | 72              | 30   | 40  | 101   |
| YXR1071-09 | M22  | 0.67        | 7             | 2.8  | 81              | 34.5 | 45  | 115.5 |
| YXR1071-10 | M24  | 0.87        | 8             | 3.2  | 90              | 38   | 50  | 128   |
| YXR1071-11 | M27  | 0.88        | 10            | 4    | 90              | 38   | 60  | 128   |
| YXR1071-12 | M30  | 1.66        | 12            | 4.5  | 108             | 45   | 60  | 154   |
| YXR1071-13 | M33  | 1.72        | 14            | 5    | 108             | 45   | 60  | 154   |
| YXR1071-14 | M36  | 2.65        | 16            | 7    | 126             | 55   | 70  | 183   |
| YXR1071-15 | M39  | 2.80        | 20            | 8    | 126             | 55   | 70  | 183   |
| YXR1071-16 | M42  | 4.03        | 24            | 9    | 144             | 65   | 80  | 212   |
| YXR1071-17 | M45  | 4.25        | 28            | 10   | 144             | 65   | 80  | 212   |
| YXR1071-18 | M48  | 6.38        | 32            | 12   | 166             | 70   | 90  | 238   |
| YXR1071-19 | M52  | 6.60        | 36            | 13.5 | 166.5           | 70   | 90  | 238   |
| YXR1071-20 | M56  | 8.80        | 40            | 15   | 184             | 80   | 100 | 267   |
| YXR1071-21 | M64  | 12.40       | 50            | 17   | 206             | 90   | 110 | 293   |

◆ Ultimate Load is 4 Times the Working Load Limit.

## G80 EYE NUT

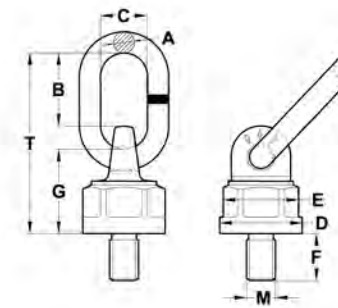


YXR1072

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL(T) (4:1) |      | DIMENSIONS (MM) |     |     |
|------------|------|-------------|--------------|------|-----------------|-----|-----|
|            |      |             | 0°           | 90°  | D               | Φ   | L   |
| YXR1072-01 | M6   | 0.05        | 0.4          | 0.15 | 36              | 20  | 36  |
| YXR1072-02 | M8   | 0.05        | 0.8          | 0.4  | 36              | 20  | 36  |
| YXR1072-03 | M10  | 0.09        | 1            | 0.4  | 45              | 25  | 45  |
| YXR1072-04 | M12  | 0.16        | 2            | 0.75 | 54              | 30  | 53  |
| YXR1072-05 | M14  | 0.24        | 3            | 1    | 63              | 35  | 62  |
| YXR1072-06 | M16  | 0.24        | 4            | 1.5  | 63              | 35  | 62  |
| YXR1072-07 | M18  | 0.34        | 5            | 2    | 72              | 40  | 71  |
| YXR1072-08 | M20  | 0.36        | 6            | 2.3  | 72              | 40  | 71  |
| YXR1072-09 | M22  | 0.58        | 7            | 2.8  | 81              | 45  | 81  |
| YXR1072-10 | M24  | 0.72        | 8            | 3.2  | 90              | 50  | 90  |
| YXR1072-11 | M27  | 0.72        | 10           | 4    | 90              | 50  | 90  |
| YXR1072-12 | M30  | 1.32        | 12           | 4.5  | 108             | 60  | 109 |
| YXR1072-13 | M33  | 1.29        | 14           | 5    | 108             | 60  | 109 |
| YXR1072-14 | M36  | 2.10        | 16           | 7    | 126             | 70  | 128 |
| YXR1072-15 | M39  | 2.09        | 20           | 8    | 126             | 70  | 128 |
| YXR1072-16 | M42  | 3.11        | 24           | 9    | 144             | 80  | 147 |
| YXR1072-17 | M45  | 3.05        | 28           | 10   | 144             | 80  | 147 |
| YXR1072-18 | M48  | 5.02        | 32           | 12   | 166             | 90  | 168 |
| YXR1072-19 | M52  | 4.94        | 36           | 13.5 | 166             | 90  | 168 |
| YXR1072-20 | M56  | 6.69        | 40           | 15   | 184             | 100 | 187 |
| YXR1072-21 | M64  | 9.30        | 50           | 17   | 206             | 110 | 208 |

◆ Ultimate Load is 4 Times the Working Load Limit.

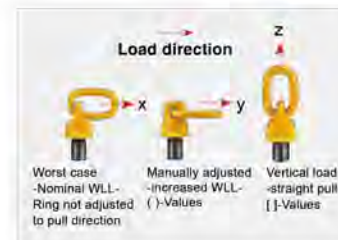
## G80 SWIVEL HOIST RING



Ball Bearing Inside



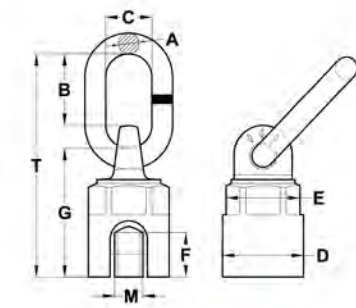
YXR1073



| ITEM NO.   | SIZE   | WEIGHT (KG) | WLL (T) | THREAD (M)  | DIMENSIONS (MM) |    |       |    |     |      |       |       |
|------------|--------|-------------|---------|-------------|-----------------|----|-------|----|-----|------|-------|-------|
|            |        |             |         |             | F               | A  | B     | C  | D   | E    | G     | T     |
| YXR1073-01 | M8     | 0.44        | 0.4     | M8x1.25-6g  | 12              | 12 | 44    | 30 | 40  | 37   | 46    | 98    |
| YXR1073-02 | M10    | 0.45        | 0.6     | M10x1.5-6g  | 19              | 12 | 44    | 30 | 40  | 37   | 46    | 98    |
| YXR1073-03 | M12-S  | 0.45        | 0.7     | M12x1.75-6g | 19              | 12 | 44    | 30 | 40  | 37   | 46    | 98    |
| YXR1073-04 | M14    | 0.45        | 1.25    | M14x2.0-6g  | 31.8            | 12 | 44    | 30 | 40  | 37   | 46    | 98    |
| YXR1073-05 | M16-S  | 0.48        | 1.5     | M16x2.0-6g  | 31.8            | 12 | 44    | 30 | 40  | 37   | 46    | 98    |
| YXR1073-06 | M12-B  | 1.15        | 1.05    | M12x1.75-6g | 19              | 16 | 56.5  | 34 | 59  | 54.5 | 64.5  | 134.5 |
| YXR1073-07 | M16-B  | 1.35        | 1.9     | M16x2.0-6g  | 30              | 16 | 56.5  | 34 | 59  | 54.5 | 64.5  | 134.5 |
| YXR1073-08 | M18-S  | 1.35        | 1.9     | M18x2.5-6g  | 30              | 16 | 56.5  | 34 | 59  | 54.5 | 64.5  | 134.5 |
| YXR1073-09 | M20-S  | 1.4         | 2       | M20x2.5-6g  | 30              | 16 | 56.5  | 34 | 59  | 54.5 | 64.5  | 134.5 |
| YXR1073-10 | M22-S  | 1.4         | 2       | M22x2.5-6g  | 30              | 16 | 56.5  | 34 | 59  | 54.5 | 64.5  | 134.5 |
| YXR1073-11 | M24-S  | 1.4         | 3.15    | M24x3.0-6g  | 30              | 16 | 56.5  | 34 | 59  | 54.5 | 64.5  | 134.5 |
| YXR1073-12 | M18-B  | 2.3         | 2       | M18x2.5-6g  | 38.1            | 20 | 67    | 40 | 70  | 64.3 | 76    | 160   |
| YXR1073-13 | M20-B  | 2.3         | 2.5     | M20x2.5-6g  | 38.1            | 20 | 67    | 40 | 70  | 64.3 | 76    | 160   |
| YXR1073-14 | M22-B  | 2.35        | 2.5     | M22x2.5-6g  | 38.1            | 20 | 67    | 40 | 70  | 64.3 | 76    | 160   |
| YXR1073-15 | M24-B  | 2.35        | 4       | M24x3.0-6g  | 38.1            | 20 | 67    | 40 | 70  | 64.3 | 76    | 160   |
| YXR1073-16 | M27    | 2.35        | 4       | M27x3.0-6g  | 38.1            | 20 | 67    | 40 | 70  | 64.3 | 76    | 160   |
| YXR1073-17 | M30    | 3.75        | 6       | M30x3.5-6g  | 50              | 22 | 95    | 51 | 79  | 74   | 91    | 206   |
| YXR1073-18 | M33    | 3.8         | 7.5     | M33x3.5-6g  | 50              | 22 | 95    | 51 | 79  | 74   | 91    | 206   |
| YXR1073-19 | M36    | 3.9         | 10      | M36x4.0-6g  | 54              | 22 | 95    | 51 | 79  | 74   | 91    | 206   |
| YXR1073-20 | M39    | 4           | 10      | M39x4.0-6g  | 58              | 22 | 95    | 51 | 79  | 74   | 91    | 206   |
| YXR1073-21 | M42    | 5.9         | 13      | M42x4.5-6g  | 63              | 26 | 108   | 65 | 93  | 85   | 100.5 | 230.5 |
| YXR1073-22 | M45    | 6           | 13      | M45x4.5-6g  | 68              | 26 | 108   | 65 | 93  | 85   | 100.5 | 230.5 |
| YXR1073-23 | M48    | 6.15        | 14      | M48x5.0-6g  | 68              | 26 | 108   | 65 | 93  | 85   | 100.5 | 230.5 |
| YXR1073-24 | M52    | 10          | 20      | M52x5.0-6g  | 84              | 32 | 120   | 70 | 105 | 95   | 132   | 278   |
| YXR1073-25 | M56    | 10          | 20      | M56x5.5-6g  | 84              | 32 | 120   | 70 | 105 | 95   | 132   | 278   |
| YXR1073-26 | M60    | 10.5        | 20      | M60x5.5-6g  | 90              | 32 | 120   | 70 | 105 | 95   | 132   | 278   |
| YXR1073-27 | M64    | 10.7        | 20      | M64x6.0-6g  | 95              | 32 | 120   | 70 | 105 | 95   | 132   | 278   |
| YXR1073-28 | M72-3  | 23          | 25      | M72x6.0-6g  | 108             | 40 | 125   | 80 | 158 | 142  | 174   | 339   |
| YXR1073-29 | M80-3  | 24          | 30      | M80x6.0-6g  | 120             | 40 | 125   | 80 | 158 | 142  | 174   | 339   |
| YXR1073-30 | M90-S  | 26          | 35      | M90x6.0-6g  | 135             | 40 | 125   | 80 | 158 | 142  | 174   | 339   |
| YXR1073-31 | M100-S | 26          | 35      | M100x6.0-6g | 135             | 40 | 125   | 80 | 158 | 142  | 174   | 339   |
| YXR1073-32 | M72-B  | 34          | 28      | M72x6.0-6g  | 108             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-33 | M80-B  | 35.5        | 35      | M80x6.0-6g  | 120             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-34 | M90-B  | 37.5        | 40      | M90x6.0-6g  | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-35 | M100-B | 39          | 40      | M100x6.0-6g | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-36 | M110   | 41          | 50      | M110x6.0-6g | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-37 | M120   | 43          | 50      | M120x6.0-6g | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-38 | M130   | 45          | 50      | M130x6.0-6g | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-39 | M140   | 47          | 50      | M140x6.0-6g | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |
| YXR1073-40 | M150   | 49.5        | 50      | M150x6.0-6g | 135             | 48 | 136.5 | 90 | 169 | 155  | 172.5 | 357.5 |

◆ Ultimate Load is 4 Times the Working Load Limit.

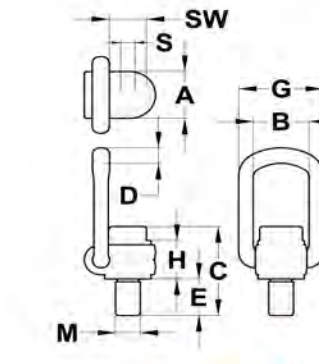
## G80 SWIVEL HOIST RING (NUT)



YXR1074

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | THREAD (M)  | DIMENSIONS (MM) |    |       |    |     |      |       |       |  |  |
|------------|------|-------------|---------|-------------|-----------------|----|-------|----|-----|------|-------|-------|--|--|
|            |      |             |         |             | F               | A  | B     | C  | D   | E    | G     | T     |  |  |
| YXR1074-01 | M8   | 0.5         | 0.4     | M8x1.25-6H  | 15              | 12 | 44    | 30 | 40  | 37   | 68    | 120   |  |  |
| YXR1074-02 | M10  | 0.5         | 0.6     | M10x1.5-6H  | 15              | 12 | 44    | 30 | 40  | 37   | 68    | 120   |  |  |
| YXR1074-03 | M12  | 0.5         | 0.7     | M12x1.75-6H | 15              | 12 | 44    | 30 | 40  | 37   | 68    | 120   |  |  |
| YXR1074-04 | M14  | 0.5         | 1.25    | M14x2.0-6H  | 20              | 12 | 44    | 30 | 40  | 37   | 74    | 126   |  |  |
| YXR1074-05 | M16  | 0.5         | 1.5     | M16x2.0-6H  | 20              | 20 | 44    | 30 | 40  | 37   | 74    | 126   |  |  |
| YXR1074-06 | M18  | 2.5         | 2       | M18x2.5-6H  | 25              | 20 | 67    | 40 | 70  | 64.3 | 111   | 195   |  |  |
| YXR1074-07 | M20  | 2.5         | 2.5     | M20x2.5-6H  | 25              | 20 | 67    | 40 | 70  | 64.3 | 111   | 195   |  |  |
| YXR1074-08 | M22  | 2.5         | 2.5     | M22x2.5-6H  | 25              | 20 | 67    | 40 | 70  | 64.3 | 111   | 195   |  |  |
| YXR1074-09 | M24  | 2.5         | 4       | M24x3.0-6H  | 30              | 20 | 67    | 40 | 70  | 64.3 | 114   | 198   |  |  |
| YXR1074-10 | M30  | 4           | 6       | M30x3.0-6H  | 40              | 22 | 95    | 51 | 79  | 74   | 144   | 259   |  |  |
| YXR1074-11 | M33  | 4           | 7.5     | M33x3.5-6H  | 40              | 22 | 95    | 51 | 79  | 74   | 144   | 259   |  |  |
| YXR1074-12 | M36  | 4           | 10      | M36x3.5-6H  | 45              | 22 | 95    | 51 | 79  | 74   | 144   | 259   |  |  |
| YXR1074-13 | M39  | 4           | 10      | M39x4.0-6H  | 45              | 22 | 95    | 51 | 79  | 74   | 144   | 259   |  |  |
| YXR1074-14 | M42  | 6           | 13      | M42x4.5-6H  | 63              | 26 | 108   | 65 | 93  | 85   | 168.5 | 298.5 |  |  |
| YXR1074-15 | M45  | 6           | 13      | M45x4.5-6H  | 68              | 26 | 108   | 65 | 93  | 85   | 176.5 | 306.5 |  |  |
| YXR1074-16 | M48  | 6           | 14      | M48x5.0-6H  | 68              | 26 | 108   | 65 | 93  | 85   | 176.5 | 306.5 |  |  |
| YXR1074-17 | M52  | 11          | 20      | M52x5.0-6H  | 84              | 32 | 120   | 70 | 105 | 95   | 228   | 374   |  |  |
| YXR1074-18 | M56  | 11          | 20      | M56x5.5-6H  | 84              | 32 | 120   | 70 | 105 | 95   | 228   | 374   |  |  |
| YXR1074-19 | M60  | 11          | 20      | M60x5.5-6H  | 90              | 32 | 120   | 70 | 105 | 95   | 235   | 381   |  |  |
| YXR1074-20 | M64  | 11          | 20      | M64x6.0-6H  | 95              | 32 | 120   | 70 | 105 | 95   | 241   | 387   |  |  |
| YXR1074-21 | M72  | 31          | 31.5    | M72x6.0-6H  | 108             | 48 | 136.5 | 90 | 169 | 155  | 289.5 | 474.5 |  |  |
| YXR1074-22 | M80  | 32          | 35      | M80x6.0-6H  | 120             | 48 | 136.5 | 90 | 169 | 155  | 294.5 | 479.5 |  |  |
| YXR1074-23 | M90  | 34          | 40      | M90x6.0-6H  | 135             | 48 | 136.5 | 90 | 169 | 155  | 330.5 | 515.5 |  |  |
| YXR1074-24 | M100 | 36.5        | 40      | M100x6.0-6H | 135             | 48 | 136.5 | 90 | 169 | 155  | 330.5 | 515.5 |  |  |

◆ Ultimate Load at 4 Times the Working Load Limit.



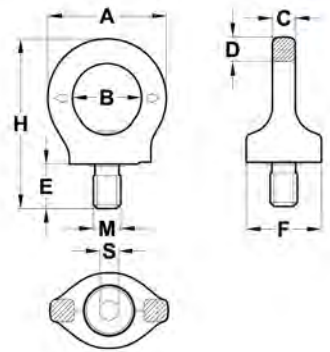
YXR1076

## G80 LIFTING POINT

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | THREAD (M)  | TORQUE IN (NM) | DIMENSIONS (MM) |     |     |     |      |       |     |     |    |    |
|------------|------|---------|---------|-------------|----------------|-----------------|-----|-----|-----|------|-------|-----|-----|----|----|
|            |      |         |         |             |                | E               | A   | B   | C   | D    | F     | G   | H   | S  | SW |
| YXR1076-01 | M8   | 0.5     | 0.3     | M8x1.25-6g  | 30             | 11              | 34  | 37  | 42  | 14   | 98.5  | 57  | 36  | 6  | 13 |
| YXR1076-02 | M10  | 0.5     | 0.63    | M10x1.5-6g  | 60             | 16              | 34  | 37  | 43  | 14   | 98.5  | 57  | 36  | 6  | 16 |
| YXR1076-03 | M12  | 0.5     | 1       | M12x1.75-6g | 100            | 18              | 34  | 37  | 45  | 14   | 98.5  | 57  | 36  | 8  | 18 |
| YXR1076-04 | M14  | 0.5     | 1.2     | M14x2.0-6g  | 120            | 21              | 34  | 37  | 46  | 14   | 98.5  | 57  | 36  | 10 | 21 |
| YXR1076-05 | M16  | 0.5     | 1.5     | M16x2.0-6g  | 150            | 24              | 34  | 37  | 48  | 14   | 98.5  | 57  | 36  | 10 | 24 |
| YXR1076-06 | M18  | 1.5     | 2       | M18x2.5-6g  | 200            | 26              | 60  | 54  | 57  | 16.5 | 143   | 82  | 44  | 12 | 27 |
| YXR1076-07 | M20  | 1.5     | 2.5     | M20x2.5-6g  | 250            | 30              | 50  | 54  | 58  | 16.5 | 143   | 82  | 44  | 12 | 30 |
| YXR1076-08 | M22  | 1.5     | 3       | M22x2.5-6g  | 300            | 30              | 50  | 54  | 60  | 16.5 | 143   | 82  | 44  | 12 | 34 |
| YXR1076-09 | M24  | 1.5     | 4       | M24x3.0-6g  | 400            | 36              | 50  | 54  | 61  | 16.5 | 143   | 82  | 44  | 14 | 36 |
| YXR1076-10 | M27  | 3       | 4       | M27x3.0-6g  | 400            | 38              | 60  | 65  | 80  | 22   | 170   | 99  | 62  | 17 | 41 |
| YXR1076-11 | M30  | 3.5     | 5       | M30x3.5-6g  | 500            | 48              | 60  | 65  | 82  | 22   | 170   | 99  | 62  | 17 | 46 |
| YXR1076-12 | M33  | 3.5     | 6       | M33x3.5-6g  | 600            | 54              | 60  | 65  | 85  | 22   | 174   | 99  | 60  | 22 | 55 |
| YXR1076-13 | M36S | 3.5     | 7       | M36x4.0-6g  | 700            | 54              | 60  | 65  | 85  | 22   | 174   | 99  | 60  | 22 | 55 |
| YXR1076-14 | M36B | 6       | 8       | M36x4.0-6g  | 800            | 62              | 77  | 85  | 104 | 27   | 226.5 | 123 | 79  | 22 | 55 |
| YXR1076-15 | M39  | 6       | 8       | M39x4.0-6g  | 800            | 62              | 77  | 85  | 104 | 27   | 226.5 | 123 | 79  | 22 | 55 |
| YXR1076-16 | M42S | 6.5     | 10      | M42x4.5-6g  | 1000           | 72              | 77  | 85  | 106 | 27   | 226.5 | 123 | 79  | 22 | 65 |
| YXR1076-1  | M42B | 11      | 15      | M42x4.5-6g  | 1500           | 63              | 95  | 104 | 117 | 36   | 257.5 | 158 | 90  | 22 | 65 |
| YXR1076-18 | M45  | 11      | 15      | M45x4.5-6g  | 1600           | 63              | 95  | 104 | 117 | 36   | 257.5 | 158 | 90  | 22 | 65 |
| YXR1076-19 | M48  | 12      | 20      | M48x5.0-6g  | 2000           | 72              | 95  | 104 | 120 | 36   | 257.5 | 158 | 90  | 27 | 75 |
| YXR1076-20 | M52  | 12      | 20      | M52x5.0-6g  | 2000           | 72              | 95  | 104 | 120 | 36   | 257.5 | 158 | 90  | 27 | 75 |
| YXR1076-21 | M56  | 15      | 22      | M56x5.5-6g  | 2100           | 84              | 95  | 104 | 117 | 36   | 257.5 | 158 | 90  | 27 | 85 |
| YXR1076-22 | M64  | 16.3    | 22.5    | M64x6.0-6g  | 2200           | 100             | 114 | 104 | 138 | 36   | 264.5 | 158 | 103 | 32 | 95 |

◆ Ultimate Load at 4 Times the Working Load Limit.

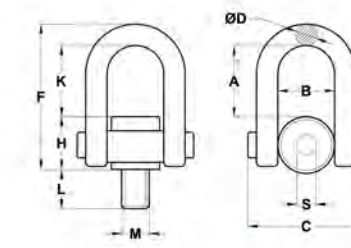
## G80 KEY EYE POINT



YXR1075

| ITEM NO.   | SIZE | WEIGHT (KG) | WLL (T) | THREAD (M)  | DIMENSIONS (MM) |     |    |    |      |     |       |    |  |  |
|------------|------|-------------|---------|-------------|-----------------|-----|----|----|------|-----|-------|----|--|--|
|            |      |             |         |             | E               | A   | B  | C  | D    | F   | H     | S  |  |  |
| YXR1075-01 | M8   | 0.15        | 0.3     | M8x1.25-6g  | 12              | 44  | 25 | 8  | 9.5  | 26  | 61.5  | 6  |  |  |
| YXR1075-02 | M10  | 0.15        | 0.4     | M10x1.5-6g  | 15              | 44  | 25 | 8  | 9.5  | 26  | 64.5  | 6  |  |  |
| YXR1075-03 | M12  | 0.2         | 0.75    | M12x1.75-6g | 18              | 52  | 30 | 10 | 11   | 32  | 76    | 8  |  |  |
| YXR1075-04 | M14  | 0.2         | 0.75    | M14x2.0-6g  | 18              | 52  | 30 | 10 | 11   | 32  | 76    | 8  |  |  |
| YXR1075-05 | M16  | 0.35        | 1.5     | M16x2.0-6g  | 24              | 61  | 35 | 14 | 13   | 39  | 91    | 10 |  |  |
| YXR1075-06 | M18  | 0.35        | 1.5     | M18x2.5-6g  | 24              | 61  | 35 | 14 | 13   | 39  | 91    | 10 |  |  |
| YXR1075-07 | M20  | 0.6         | 2.3     | M20x2.5-6g  | 30              | 70  | 40 | 16 | 15   | 47  | 108   | 12 |  |  |
| YXR1075-08 | M22  | 0.6         | 2.3     | M22x2.5-6g  | 30              | 70  | 40 | 16 | 15   | 47  | 108   | 12 |  |  |
| YXR1075-09 | M24  | 1           | 3.2     | M24x3.0-6g  | 36              | 84  | 48 | 19 | 18   | 55  | 127   | 14 |  |  |
| YXR1075-10 | M27  | 1           | 3.2     | M27x3.0-6g  | 36              | 84  | 48 | 19 | 18   | 55  | 127   | 14 |  |  |
| YXR1075-11 | M30  | 2           | 4.5     | M30x3.5-6g  | 45              | 105 | 60 | 24 | 22.5 | 67  | 159   | 17 |  |  |
| YXR1075-12 | M33  | 2           | 4.5     | M33x3.5-6g  | 45              | 105 | 60 | 24 | 22.5 | 67  | 159   | 17 |  |  |
| YXR1075-13 | M36  | 3           | 7       | M36x4.0-6g  | 54              | 126 | 72 | 29 | 27   | 85  | 195   | 22 |  |  |
| YXR1075-14 | M42  | 5           | 9       | M42x4.5-6g  | 63              | 147 | 82 | 34 | 32.5 | 98  | 225.5 | 22 |  |  |
| YXR1075-15 | M48  | 7.5         | 12      | M48x5.0-6g  | 72              | 168 | 96 | 38 | 36   | 114 | 259   | 27 |  |  |

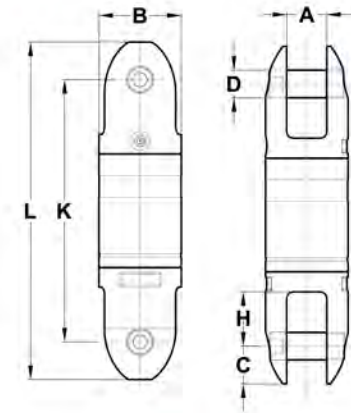
◆ Ultimate Load at 4 Times the Working Load Limit.



YXR1077

## G80 SWIVEL HOIST RING

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | THREAD (M)  | TORQUE IN (NM) | DIMENSIONS (MM) |      |    |     |    |       |       |    |    |  |
|------------|------|---------|---------|-------------|----------------|-----------------|------|----|-----|----|-------|-------|----|----|--|
|            |      |         |         |             |                | L               | A    | B  | C   | D  | F     | K     | H  | S  |  |
| YXR1077-01 | M8   | 0.8     | 0.5     | M8x1.25-6g  | 30             | 12              | 50.5 | 37 | 76  | 14 | 101.5 | 49.5  | 38 | 8  |  |
| YXR1077-02 | M10  | 0.8     | 0.7     | M10x1.5-6g  | 60             | 16              | 50.5 | 37 | 76  | 14 | 101.5 | 49.5  | 38 | 8  |  |
| YXR1077-03 | M12  | 0.8     | 1       | M12x1.75-6g | 100            | 18              | 50.5 | 37 | 76  | 14 | 101.5 | 49.5  | 38 | 8  |  |
| YXR1077-04 | M14  | 0.8     | 1.5     | M14x2.0-6g  | 120            | 21              | 50.5 | 37 | 76  | 14 | 101.5 | 49.5  | 38 | 8  |  |
| YXR1077-05 | M16  | 0.8     | 2       | M16x2.0-6g  | 150            | 24              | 50.5 | 37 | 76  | 14 | 101.5 | 49.5  | 38 | 8  |  |
| YXR1077-06 | M18  | 1.9     | 2.5     | M18x2.5-6g  | 200            | 40              | 73   | 54 | 106 | 20 | 145   | 77    | 48 | 12 |  |
| YXR1077-07 | M20  | 2       | 3       | M20x2.5-6g  | 250            | 40              | 73   | 54 | 106 | 20 | 145   | 77    | 48 | 12 |  |
| YXR1077-08 | M22  | 2.1     | 3       | M22x2.5-6g  | 250            | 40              | 73   | 54 | 106 | 20 | 145   | 77    | 48 | 12 |  |
| YXR1077-09 | M24  | 2.5     | 4.5     | M24x3.0-6g  | 400            | 40              | 73   | 54 | 106 | 20 | 145   | 77    | 48 | 12 |  |
| YXR1077-20 | M27  | 5.5     | 5       | M27x3.0-6g  | 450            | 40              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-21 | M30  | 5.5     | 7.3     | M30x3.5-6g  | 500            | 45              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-23 | M33  | 5.5     | 8       | M33x3.5-6g  | 800            | 50              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-24 | M36  | 5.5     | 10      | M36x4.0-6g  | 1000           | 54              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-25 | M39  | 6       | 10      | M39x4.0-6g  | 1200           | 58              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-26 | M42  | 6       | 12.5    | M42x4.5-6g  | 1500           | 63              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-27 | M45  | 6       | 15      | M45x4.5-6g  | 1800           | 63              | 98.5 | 73 | 149 | 30 | 201.5 | 103.5 | 68 | 17 |  |
| YXR1077-28 | M48S | 6.5     | 16      | M48x5.0-6g  | 2000           | 63              | 98.5 | 73 | 149 | 30 | 201.5 | 101.5 | 70 | 17 |  |
| YXR1077-29 | M48  | 11.5    | 20      | M48x5.0-6g  | 2000           | 68              | 120  | 93 | 182 | 36 | 249   | 125   | 84 | 19 |  |
| YXR1077-30 | M52  | 12      | 20      | M52x5.0-6g  | 2000           | 68              | 120  | 93 | 182 | 36 | 249   | 125   | 84 | 19 |  |
| YXR1077-31 | M56  | 12      | 25      | M56x5.5-6g  | 2100           | 78              | 120  | 93 | 182 | 36 | 249   | 125   | 84 | 19 |  |
| YXR1077-32 | M64  | 13      | 32      | M64x6.0-6g  | 2200           | 90              | 120  | 93 | 182 | 36 | 249   | 125   | 88 | 19 |  |

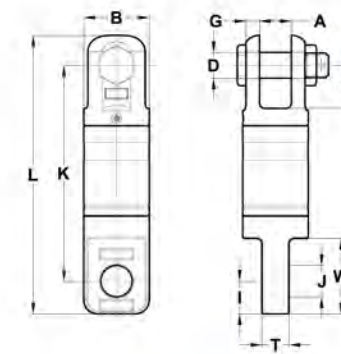


YXR1078

### ANGULAR CONTACT BEARING SWIVELS-STYLE

| ITEM NO.   | SIZE (T) | WT (KG) | WLL (T) | DIMENSIONS (MM) |     |     |    |    |    |    |  |
|------------|----------|---------|---------|-----------------|-----|-----|----|----|----|----|--|
|            |          |         |         | B               | K   | L   | C  | A  | D  | H  |  |
| YXR1078-01 | 0.75     | 0.5     | 0.75    | 34              | 107 | 131 | 12 | 15 | 10 | 22 |  |
| YXR1078-02 | 1.5      | 0.8     | 1.5     | 40              | 119 | 131 | 16 | 18 | 12 | 26 |  |
| YXR1078-03 | 3        | 2.0     | 3       | 53              | 160 | 210 | 25 | 23 | 16 | 32 |  |
| YXR1078-04 | 5        | 3.9     | 5       | 67              | 205 | 267 | 31 | 32 | 22 | 37 |  |
| YXR1078-05 | 8.5      | 6.7     | 8.5     | 78              | 246 | 316 | 35 | 37 | 24 | 50 |  |
| YXR1078-06 | 10       | 18.6    | 10      | 106             | 316 | 408 | 46 | 42 | 38 | 53 |  |
| YXR1078-07 | 15       | 19.9    | 15      | 119             | 330 | 426 | 48 | 48 | 38 | 56 |  |
| YXR1078-08 | 25       | 36.5    | 25      | 137             | 403 | 525 | 61 | 62 | 50 | 69 |  |
| YXR1078-09 | 35       | 47.6    | 35      | 154             | 423 | 545 | 61 | 62 | 50 | 69 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

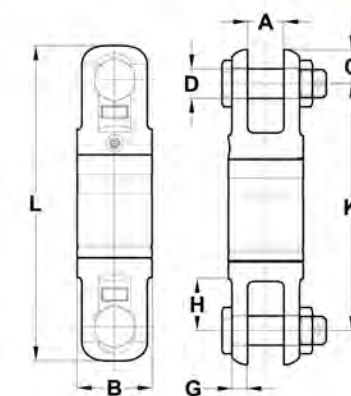


YXR1080

### ANGULAR CONTACT BEARING SWIVELS-UO

| ITEM NO.   | SIZE (T) | WT (KG) | WLL (T) | DIMENSIONS (MM) |     |     |     |    |    |     |    |      |     |     |  |
|------------|----------|---------|---------|-----------------|-----|-----|-----|----|----|-----|----|------|-----|-----|--|
|            |          |         |         | B               | K   | L   | A   | G  | D  | H   | T  | J    | W   | I   |  |
| YXR1080-01 | 0.75     | 0.5     | 0.75    | 34              | 107 | 133 | 15  | 6  | 10 | 22  | 12 | 10.5 | 35  | 13  |  |
| YXR1080-02 | 1.5      | 0.9     | 1.5     | 40              | 119 | 159 | 18  | 8  | 13 | 26  | 15 | 13.5 | 46  | 20  |  |
| YXR1080-03 | 3        | 2.2     | 3       | 53              | 160 | 210 | 23  | 10 | 19 | 32  | 20 | 20   | 57  | 25  |  |
| YXR1080-04 | 5        | 4.4     | 5       | 67              | 203 | 267 | 32  | 14 | 22 | 37  | 26 | 33   | 69  | 32  |  |
| YXR1080-05 | 8.5      | 7.4     | 8.5     | 78              | 250 | 326 | 40  | 14 | 30 | 54  | 32 | 37   | 92  | 38  |  |
| YXR1080-06 | 10       | 18.0    | 10      | 106             | 310 | 410 | 42  | 25 | 38 | 54  | 42 | 44   | 104 | 50  |  |
| YXR1080-07 | 15       | 21.2    | 15      | 119             | 320 | 440 | 48  | 25 | 38 | 57  | 49 | 54   | 117 | 60  |  |
| YXR1080-08 | 25       | 40.0    | 25      | 137             | 405 | 540 | 62  | 30 | 50 | 70  | 60 | 66   | 140 | 70  |  |
| YXR1080-09 | 35       | 46.7    | 35      | 154             | 415 | 550 | 62  | 33 | 50 | 70  | 60 | 66   | 140 | 70  |  |
| YXR1080-10 | 60       | 302     | 60      | 270             | 670 | 890 | 100 | 75 | 80 | 120 | 75 | 80   | 230 | 110 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.

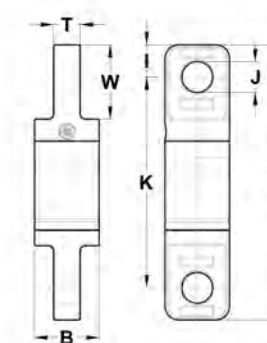


YXR1079

### ANGULAR CONTACT BEARING SWIVELS-UU

| ITEM NO.   | SIZE (T) | WT (KG) | WLL (T) | DIMENSIONS (MM) |     |     |     |     |    |    |     |
|------------|----------|---------|---------|-----------------|-----|-----|-----|-----|----|----|-----|
|            |          |         |         | B               | K   | L   | C   | A   | D  | G  | H   |
| YXR1079-01 | 0.75     | 0.5     | 0.75    | 34              | 107 | 133 | 13  | 15  | 10 | 6  | 22  |
| YXR1079-02 | 1.5      | 0.9     | 1.5     | 40              | 119 | 159 | 20  | 18  | 13 | 8  | 26  |
| YXR1079-03 | 3        | 2.3     | 3       | 53              | 160 | 210 | 25  | 23  | 19 | 10 | 32  |
| YXR1079-04 | 5        | 4.4     | 5       | 67              | 203 | 267 | 32  | 32  | 22 | 14 | 37  |
| YXR1079-05 | 8.5      | 7.6     | 8.5     | 78              | 250 | 326 | 38  | 40  | 30 | 14 | 54  |
| YXR1079-06 | 10       | 19.5    | 10      | 106             | 310 | 410 | 50  | 42  | 38 | 25 | 54  |
| YXR1079-07 | 15       | 21.7    | 15      | 119             | 320 | 440 | 60  | 48  | 38 | 25 | 57  |
| YXR1079-08 | 25       | 39.5    | 25      | 137             | 405 | 535 | 65  | 62  | 50 | 30 | 70  |
| YXR1079-09 | 35       | 46.2    | 35      | 154             | 415 | 545 | 65  | 62  | 50 | 33 | 70  |
| YXR1079-10 | 60       | 352     | 60      | 570             | 670 | 890 | 110 | 100 | 80 | 75 | 120 |

◆ Ultimate Load is 4 Times the Working Load Limit.

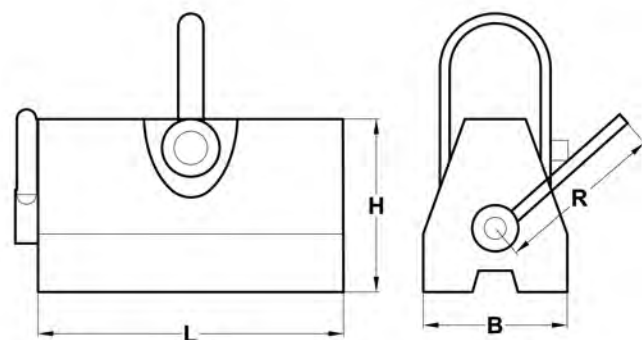
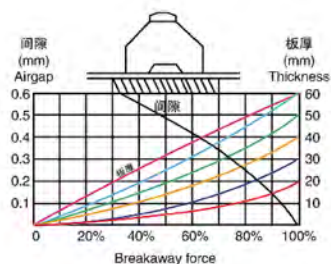


YXR1081

### ANGULAR CONTACT BEARING SWIVELS-OO

| ITEM NO.   | SIZE (T) | WT (KG) | WLL (T) | DIMENSIONS (MM) |     |     |     |    |      |     |  |
|------------|----------|---------|---------|-----------------|-----|-----|-----|----|------|-----|--|
|            |          |         |         | B               | K   | L   | I   | T  | J    | W   |  |
| YXR1081-01 | 0.75     | 0.5     | 0.75    | 34              | 107 | 133 | 13  | 12 | 10.5 | 35  |  |
| YXR1081-02 | 1.5      | 0.9     | 1.5     | 40              | 119 | 159 | 20  | 15 | 13.5 | 46  |  |
| YXR1081-03 | 3        | 2.1     | 3       | 53              | 160 | 210 | 25  | 20 | 20   | 57  |  |
| YXR1081-04 | 5        | 4.3     | 5       | 67              | 203 | 267 | 32  | 26 | 33   | 69  |  |
| YXR1081-05 | 8.5      | 7.3     | 8.5     | 78              | 250 | 326 | 38  | 32 | 37   | 92  |  |
| YXR1081-06 | 10       | 17.0    | 10      | 106             | 310 | 410 | 50  | 42 | 44   | 104 |  |
| YXR1081-07 | 15       | 21.2    | 15      | 119             | 320 | 440 | 60  | 49 | 54   | 117 |  |
| YXR1081-08 | 25       | 39.0    | 25      | 137             | 405 | 545 | 70  | 60 | 66   | 140 |  |
| YXR1081-09 | 35       | 45.8    | 35      | 154             | 415 | 555 | 70  | 60 | 66   | 140 |  |
| YXR1081-10 | 60       | 235     | 60      | 270             | 670 | 890 | 110 | 75 | 80   | 230 |  |

◆ Ultimate Load is 4 Times the Working Load Limit.



### PERMANENT MAGNETIC LIFTER

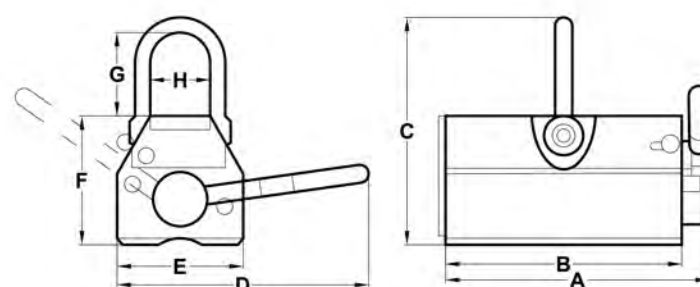


YXR1082

| ITEM NO.   | RATED CAPACITY (KG) | MAX. DRAG FORCE (KG) | N.W (KG) | DIMENSIONS (MM) |     |     |     |
|------------|---------------------|----------------------|----------|-----------------|-----|-----|-----|
|            |                     |                      |          | L               | B   | H   | R   |
| YXR1082-01 | 100                 | 300                  | 3        | 90              | 63  | 68  | 145 |
| YXR1082-02 | 400                 | 1200                 | 11       | 160             | 95  | 180 | 160 |
| YXR1082-03 | 600                 | 1800                 | 20       | 220             | 115 | 125 | 230 |
| YXR1082-04 | 1000                | 3000                 | 40       | 260             | 145 | 145 | 280 |
| YXR1082-05 | 1500                | 3750                 | 48       | 310             | 145 | 145 | 280 |
| YXR1082-06 | 2000                | 5000                 | 60       | 340             | 165 | 165 | 280 |
| YXR1082-07 | 3000                | 7500                 | 90       | 420             | 185 | 185 | 410 |
| YXR1082-08 | 4000                | 10500                | 120      | 480             | 200 | 200 | 510 |
| YXR1082-09 | 5000                | 15000                | 400      | 580             | 300 | 300 | 650 |



YXR1083



### PERMANENT MAGNETIC LIFTER

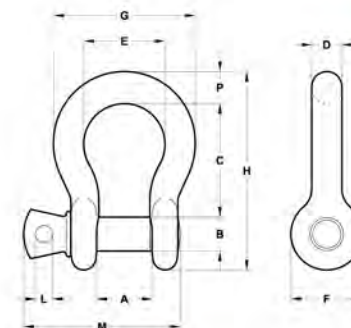
| ITEM NO.   | RATED CAPACITY (KG) | MAX. DRAG FORCE (KG) | N.W (KG) | DIMENSIONS (MM) |     |     |     |     |     |    |    |
|------------|---------------------|----------------------|----------|-----------------|-----|-----|-----|-----|-----|----|----|
|            |                     |                      |          | A               | B   | C   | D   | E   | F   | G  | H  |
| YXR1083-01 | 100                 | 220                  | 3        | 107             | 84  | 120 | 125 | 60  | 71  | 41 | 30 |
| YXR1083-02 | 300                 | 660                  | 11       | 180             | 155 | 156 | 185 | 90  | 93  | 51 | 41 |
| YXR1083-03 | 600                 | 1320                 | 20       | 255             | 224 | 212 | 260 | 115 | 120 | 77 | 52 |
| YXR1083-04 | 1000                | 2200                 | 40       | 280             | 245 | 286 | 371 | 165 | 169 | 97 | 87 |

## LIFTING EQUIPMENT



# SHACKLE

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

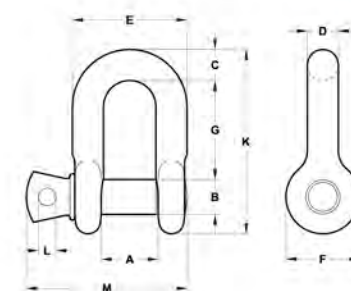


YXR1100

## US TYPE SCREW PIN ANCHOR SHACKLE G209/S209

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS.) | DIMENSIONS (IN.) |      |       |      |      |      |       |       |      |       |      |      |      | TOL. +/- |  |
|------------|------------|---------|-----------|------------------|------|-------|------|------|------|-------|-------|------|-------|------|------|------|----------|--|
|            |            |         |           | A                | B    | C     | D    | E    | F    | G     | H     | L    | M     | P    | C    | A    |          |  |
| YXR1100-01 | 3/16       | 1/3     | 0.16      | 0.38             | 0.25 | 0.88  | 0.19 | 0.60 | 0.56 | 0.98  | 1.47  | 0.16 | 1.14  | 0.19 | 0.06 | 0.06 |          |  |
| YXR1100-02 | 1/4        | 1/2     | 0.10      | 0.47             | 0.31 | 1.13  | 0.25 | 0.78 | 0.61 | 1.28  | 1.84  | 0.19 | 1.43  | 0.25 | 0.06 | 0.06 |          |  |
| YXR1100-03 | 5/16       | 3/4     | 0.18      | 0.53             | 0.38 | 1.22  | 0.31 | 0.84 | 0.75 | 1.47  | 2.09  | 0.22 | 1.71  | 0.31 | 0.06 | 0.06 |          |  |
| YXR1100-04 | 3/8        | 1       | 0.31      | 0.66             | 0.44 | 1.44  | 0.38 | 1.03 | 0.91 | 1.78  | 2.49  | 0.25 | 2.02  | 0.38 | 0.13 | 0.06 |          |  |
| YXR1100-05 | 7/16       | 1-1/2   | 0.38      | 0.75             | 0.50 | 1.69  | 0.44 | 1.16 | 1.06 | 2.03  | 2.91  | 0.31 | 2.37  | 0.44 | 0.13 | 0.06 |          |  |
| YXR1100-06 | 1/2        | 2       | 0.72      | 0.81             | 0.63 | 1.88  | 0.50 | 1.31 | 1.19 | 2.31  | 3.28  | 0.38 | 2.69  | 0.50 | 0.13 | 0.06 |          |  |
| YXR1100-07 | 5/8        | 3-1/4   | 1.37      | 1.06             | 0.75 | 2.38  | 0.63 | 1.69 | 1.50 | 2.94  | 4.19  | 0.44 | 3.34  | 0.69 | 0.13 | 0.06 |          |  |
| YXR1100-08 | 3/4        | 4-3/4   | 2.35      | 1.25             | 0.88 | 2.81  | 0.75 | 2.00 | 1.81 | 3.50  | 4.97  | 0.50 | 3.97  | 0.81 | 0.25 | 0.06 |          |  |
| YXR1100-09 | 7/8        | 6-1/2   | 3.62      | 1.44             | 1.00 | 3.31  | 0.88 | 2.28 | 2.09 | 4.03  | 5.83  | 0.50 | 4.50  | 0.97 | 0.25 | 0.06 |          |  |
| YXR1100-10 | 1          | 8-1/2   | 5.03      | 1.69             | 1.13 | 3.75  | 1.00 | 2.69 | 2.38 | 4.69  | 6.56  | 0.56 | 5.13  | 1.06 | 0.25 | 0.06 |          |  |
| YXR1100-11 | 1-1/8      | 9-1/2   | 7.41      | 1.81             | 1.25 | 4.25  | 1.16 | 2.91 | 2.69 | 5.16  | 7.47  | 0.63 | 5.71  | 1.25 | 0.25 | 0.06 |          |  |
| YXR1100-12 | 1-1/4      | 12      | 9.50      | 2.03             | 1.38 | 4.69  | 1.29 | 3.25 | 3.00 | 5.75  | 8.25  | 0.69 | 6.25  | 1.38 | 0.25 | 0.06 |          |  |
| YXR1100-13 | 1-3/8      | 13-1/2  | 13.53     | 2.25             | 1.50 | 5.25  | 1.42 | 3.63 | 3.31 | 6.38  | 9.16  | 0.75 | 6.83  | 1.50 | 0.25 | 0.13 |          |  |
| YXR1100-14 | 1-1/2      | 17      | 17.20     | 2.38             | 1.63 | 5.75  | 1.54 | 3.88 | 3.63 | 6.88  | 10.00 | 0.81 | 7.33  | 1.62 | 0.25 | 0.13 |          |  |
| YXR1100-15 | 1-3/4      | 25      | 27.78     | 2.88             | 2.00 | 7.00  | 1.84 | 5.00 | 4.19 | 8.86  | 12.34 | 1.00 | 9.06  | 2.25 | 0.25 | 0.13 |          |  |
| YXR1100-16 | 2          | 35      | 45.00     | 3.25             | 2.25 | 7.75  | 2.08 | 5.75 | 4.81 | 9.97  | 13.68 | 1.22 | 10.35 | 2.40 | 0.25 | 0.13 |          |  |
| YXR1100-17 | 2-1/2      | 55      | 85.75     | 4.13             | 2.75 | 10.50 | 2.71 | 7.25 | 5.69 | 12.87 | 17.84 | 1.38 | 13.00 | 3.13 | 0.25 | 0.25 |          |  |

◆ Maximum Proof Load is 2.0 times the Working Load Limit.  
◆ Minimum Ultimate Load is 5 times the Working Load Limit.



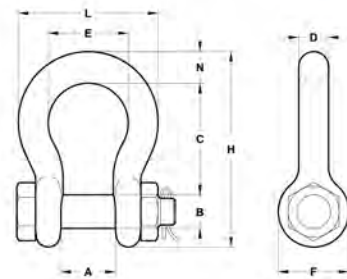
YXR1101

## US TYPE SCREW PIN CHAIN SHACKLE G210/S210

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |       |      |       |      |      | TOL. +/- |  |
|------------|------------|---------|-----------|------------------|------|------|------|------|------|------|-------|------|-------|------|------|----------|--|
|            |            |         |           | A                | B    | C    | D    | E    | F    | G    | K     | L    | M     | G    | A    |          |  |
| YXR1101-01 | 1/4        | 1/2     | 0.11      | 0.47             | 0.31 | 0.25 | 0.25 | 0.97 | 0.62 | 0.97 | 1.59  | 0.19 | 1.43  | 0.06 | 0.06 |          |  |
| YXR1101-02 | 5/16       | 3/4     | 0.17      | 0.53             | 0.38 | 0.31 | 0.31 | 1.15 | 0.75 | 1.07 | 1.91  | 0.22 | 1.71  | 0.06 | 0.06 |          |  |
| YXR1101-03 | 3/8        | 1       | 0.28      | 0.66             | 0.44 | 0.38 | 0.38 | 1.42 | 0.92 | 1.28 | 2.31  | 0.25 | 2.02  | 0.13 | 0.06 |          |  |
| YXR1101-04 | 7/16       | 1-1/2   | 0.43      | 0.75             | 0.50 | 0.44 | 0.44 | 1.63 | 1.06 | 1.48 | 2.67  | 0.31 | 2.37  | 0.13 | 0.06 |          |  |
| YXR1101-05 | 1/2        | 2       | 0.59      | 0.81             | 0.63 | 0.50 | 0.50 | 1.81 | 1.18 | 1.66 | 3.03  | 0.38 | 2.69  | 0.13 | 0.06 |          |  |
| YXR1101-06 | 5/8        | 3-1/4   | 1.25      | 1.06             | 0.75 | 0.63 | 0.63 | 2.32 | 1.50 | 2.04 | 3.76  | 0.44 | 3.34  | 0.13 | 0.06 |          |  |
| YXR1101-07 | 3/4        | 4-3/4   | 2.63      | 1.25             | 0.88 | 0.81 | 0.75 | 2.75 | 1.81 | 2.40 | 4.53  | 0.50 | 3.97  | 0.25 | 0.06 |          |  |
| YXR1101-08 | 7/8        | 6-1/2   | 3.16      | 1.44             | 1.00 | 0.97 | 0.88 | 3.20 | 2.10 | 2.86 | 5.33  | 0.50 | 4.50  | 0.25 | 0.06 |          |  |
| YXR1101-09 | 1          | 8-1/2   | 4.75      | 1.69             | 1.13 | 1.00 | 1.00 | 3.69 | 2.38 | 3.24 | 5.94  | 0.56 | 5.13  | 0.25 | 0.06 |          |  |
| YXR1101-10 | 1-1/8      | 9-1/2   | 6.75      | 1.81             | 1.25 | 1.25 | 1.13 | 4.07 | 2.69 | 3.61 | 6.78  | 0.63 | 5.71  | 0.25 | 0.06 |          |  |
| YXR1101-11 | 1-1/4      | 12      | 9.06      | 2.03             | 1.38 | 1.38 | 1.25 | 4.53 | 3.00 | 3.97 | 7.50  | 0.69 | 6.25  | 0.25 | 0.13 |          |  |
| YXR1101-12 | 1-3/8      | 12-1/2  | 11.63     | 2.25             | 1.50 | 1.50 | 1.38 | 5.01 | 3.31 | 4.43 | 8.28  | 0.75 | 6.53  | 0.25 | 0.13 |          |  |
| YXR1101-13 | 1-1/2      | 17      | 15.95     | 2.38             | 1.63 | 1.62 | 1.50 | 5.38 | 3.62 | 4.87 | 9.05  | 0.81 | 7.33  | 0.25 | 0.13 |          |  |
| YXR1101-14 | 1-3/4      | 25      | 26.75     | 2.88             | 2.00 | 2.12 | 1.75 | 6.38 | 4.19 | 5.78 | 10.97 | 1.00 | 9.06  | 0.25 | 0.13 |          |  |
| YXR1101-15 | 2          | 35      | 42.31     | 3.25             | 2.25 | 2.36 | 2.10 | 7.25 | 5.00 | 6.77 | 12.74 | 1.13 | 10.35 | 0.25 | 0.13 |          |  |
| YXR1101-16 | 2-1/2      | 55      | 71.75     | 4.12             | 2.75 | 2.63 | 2.63 | 9.38 | 5.68 | 8.07 | 14.85 | 1.38 | 13.00 | 0.25 | 0.13 |          |  |

◆ Maximum Proof Load is 2.0 times the Working Load Limit.  
◆ Minimum Ultimate Load is 5 times the Working Load Limit.

### US TYPE BOLT & NUT PIN ANCHOR SHACKLE G2130/S2130

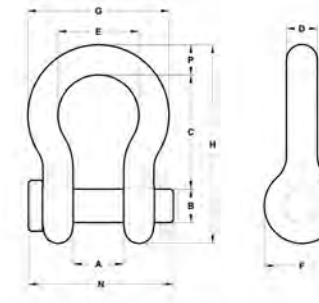


YXR1102

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS.) | DIMENSIONS (IN.) |      |       |      |       |      |       |       |      |      | TOL. +/- |  |
|------------|------------|---------|-----------|------------------|------|-------|------|-------|------|-------|-------|------|------|----------|--|
|            |            |         |           | A                | B    | C     | D    | E     | F    | H     | L     | N    | C    | A        |  |
| YXR1011-01 | 3/16       | 1/3     | 0.06      | 0.38             | 0.25 | 0.88  | 0.19 | 0.60  | 0.56 | 1.47  | 0.98  | 0.19 | 0.6  | 0.06     |  |
| YXR1011-02 | 1/4        | 1/2     | 0.11      | 0.47             | 0.31 | 1.13  | 0.25 | 0.78  | 0.61 | 1.84  | 1.28  | 0.25 | 0.6  | 0.06     |  |
| YXR1011-03 | 5/16       | 3/4     | 0.22      | 0.53             | 0.38 | 1.22  | 0.31 | 0.84  | 0.75 | 2.09  | 1.47  | 0.31 | 0.6  | 0.06     |  |
| YXR1011-04 | 3/8        | 1       | 0.33      | 0.66             | 0.44 | 1.44  | 0.38 | 1.03  | 0.91 | 2.49  | 1.78  | 0.38 | 0.13 | 0.06     |  |
| YXR1011-05 | 7/16       | 1-1/2   | 0.49      | 0.75             | 0.50 | 1.69  | 0.44 | 1.16  | 1.06 | 2.91  | 2.03  | 0.44 | 0.13 | 0.06     |  |
| YXR1011-06 | 1/2        | 2       | 0.79      | 0.81             | 0.64 | 1.88  | 0.50 | 1.31  | 1.19 | 3.28  | 2.31  | 0.50 | 0.13 | 0.06     |  |
| YXR1011-07 | 5/8        | 3-1/4   | 1.68      | 1.06             | 0.77 | 2.38  | 0.63 | 1.69  | 1.50 | 4.19  | 2.94  | 0.69 | 0.13 | 0.06     |  |
| YXR1011-08 | 3/4        | 4-3/4   | 2.72      | 1.25             | 0.89 | 2.81  | 0.75 | 2.00  | 1.81 | 4.97  | 3.50  | 0.81 | 0.25 | 0.06     |  |
| YXR1011-09 | 7/8        | 6-1/2   | 3.95      | 1.44             | 1.02 | 3.31  | 0.88 | 2.28  | 2.09 | 5.83  | 4.03  | 0.97 | 0.25 | 0.06     |  |
| YXR1011-10 | 1          | 8-1/2   | 5.66      | 1.69             | 1.15 | 3.75  | 1.00 | 2.69  | 2.38 | 6.56  | 4.69  | 1.06 | 0.25 | 0.06     |  |
| YXR1011-11 | 1-1/8      | 9-1/2   | 8.27      | 1.81             | 1.25 | 4.25  | 1.13 | 2.91  | 2.69 | 7.47  | 5.16  | 1.25 | 0.25 | 0.06     |  |
| YXR1011-12 | 1-1/4      | 12      | 11.71     | 2.03             | 1.40 | 4.69  | 1.29 | 3.25  | 3.00 | 8.25  | 5.75  | 1.38 | 0.25 | 0.06     |  |
| YXR1011-13 | 1-3/8      | 13-1/2  | 15.83     | 2.25             | 1.53 | 5.25  | 1.42 | 3.63  | 3.31 | 9.16  | 6.38  | 1.50 | 0.25 | 0.13     |  |
| YXR1011-14 | 1-1/2      | 17      | 19.00     | 2.38             | 1.66 | 5.75  | 1.53 | 3.88  | 3.63 | 10.00 | 6.88  | 1.62 | 0.25 | 0.13     |  |
| YXR1011-15 | 1-3/4      | 25      | 33.91     | 2.88             | 2.04 | 7.00  | 1.84 | 5.00  | 4.19 | 12.34 | 8.80  | 2.25 | 0.25 | 0.13     |  |
| YXR1011-16 | 2          | 35      | 52.25     | 3.25             | 2.30 | 7.75  | 2.08 | 5.75  | 4.81 | 13.68 | 10.15 | 2.40 | 0.25 | 0.13     |  |
| YXR1011-17 | 2-1/2      | 55      | 98.25     | 4.13             | 2.80 | 10.50 | 2.71 | 7.25  | 5.69 | 17.90 | 12.75 | 3.13 | 0.25 | 0.25     |  |
| YXR1011-18 | 3          | 85      | 154.00    | 5.00             | 3.30 | 13.00 | 3.12 | 7.88  | 6.50 | 21.50 | 14.62 | 3.62 | 0.25 | 0.25     |  |
| YXR1011-19 | 3-1/2      | 120     | 265.00    | 5.25             | 3.76 | 14.63 | 3.62 | 9.00  | 8.00 | 24.88 | 17.02 | 4.38 | 0.25 | 0.25     |  |
| YXR1011-20 | 4          | 150     | 338.00    | 5.50             | 4.26 | 14.50 | 4.00 | 10.00 | 9.00 | 25.68 | 18.00 | 4.56 | 0.25 | 0.25     |  |

◆ Maximum Proof Load is 2.0 times the Working Load Limit.  
◆ Minimum Ultimate Load is 6 times the Working Load Limit.

### US TYPE ROUND PIN ANCHOR SHACKLE G213/S213

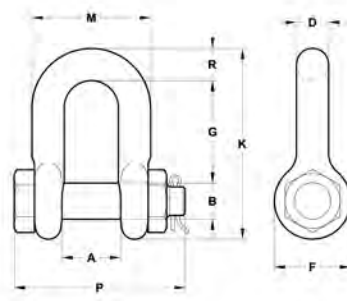


YXR1104

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS.) | DIMENSIONS (IN.) |      |       |      |      |      |       |       |      |       |      |      | TOL. +/- |  |
|------------|------------|---------|-----------|------------------|------|-------|------|------|------|-------|-------|------|-------|------|------|----------|--|
|            |            |         |           | A                | B    | C     | D    | E    | F    | G     | H     | L    | M     | P    | C    | A        |  |
| YXR1104-01 | 3/16       | 1/3     | 0.16      | 0.38             | 0.25 | 0.88  | 0.19 | 0.60 | 0.56 | 0.98  | 1.47  | 0.16 | 1.14  | 0.19 | 0.06 | 0.06     |  |
| YXR1104-02 | 1/4        | 1/2     | 0.13      | 0.47             | 0.31 | 1.13  | 0.25 | 0.78 | 0.61 | 1.28  | 1.84  | 0.19 | 1.43  | 0.25 | 0.06 | 0.06     |  |
| YXR1104-03 | 5/16       | 3/4     | 0.18      | 0.53             | 0.38 | 1.22  | 0.31 | 0.84 | 0.75 | 1.47  | 2.09  | 0.22 | 1.71  | 0.31 | 0.06 | 0.06     |  |
| YXR1104-04 | 3/8        | 1       | 0.29      | 0.66             | 0.44 | 1.44  | 0.38 | 1.03 | 0.91 | 1.78  | 2.49  | 0.25 | 2.02  | 0.38 | 0.13 | 0.06     |  |
| YXR1104-05 | 7/16       | 1-1/2   | 0.38      | 0.75             | 0.50 | 1.69  | 0.44 | 1.16 | 1.06 | 2.03  | 2.91  | 0.31 | 2.37  | 0.44 | 0.13 | 0.06     |  |
| YXR1104-06 | 1/2        | 2       | 0.71      | 0.81             | 0.63 | 1.88  | 0.50 | 1.31 | 1.19 | 2.31  | 3.28  | 0.38 | 2.69  | 0.50 | 0.13 | 0.06     |  |
| YXR1104-07 | 5/8        | 3-1/4   | 1.50      | 1.06             | 0.75 | 2.38  | 0.63 | 1.69 | 1.50 | 2.94  | 4.19  | 0.44 | 3.34  | 0.69 | 0.13 | 0.06     |  |
| YXR1104-08 | 3/4        | 4-3/4   | 2.32      | 1.25             | 0.88 | 2.81  | 0.75 | 2.00 | 1.81 | 3.50  | 4.97  | 0.50 | 3.97  | 0.81 | 0.25 | 0.06     |  |
| YXR1104-09 | 7/8        | 6-1/2   | 3.49      | 1.44             | 1.00 | 3.31  | 0.88 | 2.28 | 2.09 | 4.03  | 5.83  | 0.50 | 4.50  | 0.97 | 0.25 | 0.06     |  |
| YXR1104-10 | 1          | 8-1/2   | 5.00      | 1.69             | 1.13 | 3.75  | 1.00 | 2.69 | 2.38 | 4.69  | 6.56  | 0.56 | 5.13  | 1.06 | 0.25 | 0.06     |  |
| YXR1104-11 | 1-1/8      | 9-1/2   | 6.97      | 1.81             | 1.25 | 4.25  | 1.16 | 2.91 | 2.69 | 5.16  | 7.47  | 0.63 | 5.71  | 1.25 | 0.25 | 0.06     |  |
| YXR1104-12 | 1-1/4      | 12      | 9.75      | 2.03             | 1.38 | 4.69  | 1.29 | 3.25 | 3.00 | 5.75  | 8.25  | 0.69 | 6.25  | 1.38 | 0.25 | 0.06     |  |
| YXR1104-13 | 1-3/8      | 13-1/2  | 13.25     | 2.25             | 1.50 | 5.25  | 1.42 | 3.63 | 3.31 | 6.38  | 9.16  | 0.75 | 6.83  | 1.50 | 0.25 | 0.13     |  |
| YXR1104-14 | 1-1/2      | 17      | 17.25     | 2.38             | 1.63 | 5.75  | 1.54 | 3.88 | 3.63 | 6.88  | 10.00 | 0.81 | 7.33  | 1.62 | 0.25 | 0.13     |  |
| YXR1104-15 | 1-3/4      | 25      | 29.49     | 2.88             | 2.00 | 7.00  | 1.84 | 5.00 | 4.19 | 8.86  | 12.34 | 1.00 | 9.06  | 2.25 | 0.25 | 0.13     |  |
| YXR1104-16 | 2          | 35      | 45.75     | 3.25             | 2.25 | 7.75  | 2.08 | 5.75 | 4.81 | 9.97  | 13.68 | 1.22 | 10.35 | 2.40 | 0.25 | 0.13     |  |
| YXR1104-17 | 2-1/2      | 55      | 85.70     | 4.13             | 2.75 | 10.50 | 2.71 | 7.25 | 5.69 | 12.87 | 17.84 | 1.38 | 13.00 | 3.13 | 0.25 | 0.25     |  |

◆ Maximum Proof Load is 2.0 times the Working Load Limit.  
◆ Minimum Ultimate Load is 6 times the Working Load Limit.

### US TYPE BOLT & NUT PIN CHAIN SHACKLE G2150/S2150

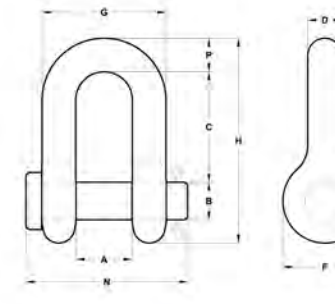


YXR1103

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |       |       |       |      |      | TOL. +/- |  |
|------------|------------|---------|-----------|------------------|------|------|------|------|-------|-------|-------|------|------|----------|--|
|            |            |         |           | A                | B    | D    | F    | G    | K     | M     | P     | R    | G    | A        |  |
| YXR1103-01 | 1/4        | 1/2     | 0.13      | 0.47             | 0.31 | 0.25 | 0.62 | 0.91 | 1.59  | 0.97  | 1.56  | 0.25 | 0.06 | 0.06     |  |
| YXR1103-02 | 5/16       | 3/4     | 0.23      | 0.53             | 0.38 | 0.31 | 0.75 | 1.07 | 1.91  | 1.15  | 1.82  | 0.31 | 0.06 | 0.06     |  |
| YXR1103-03 | 3/8        | 1       | 0.33      | 0.66             | 0.44 | 0.38 | 0.92 | 1.28 | 2.31  | 1.42  | 2.17  | 0.38 | 0.13 | 0.06     |  |
| YXR1103-04 | 7/16       | 1-1/2   | 0.49      | 0.75             | 0.50 | 0.44 | 1.06 | 1.48 | 2.67  | 1.63  | 2.51  | 0.44 | 0.13 | 0.06     |  |
| YXR1103-05 | 1/2        | 2       | 0.75      | 0.81             | 0.64 | 0.50 | 1.18 | 1.66 | 3.03  | 1.81  | 2.80  | 0.50 | 0.13 | 0.06     |  |
| YXR1103-06 | 5/8        | 3-1/2   | 1.47      | 1.06             | 0.77 | 0.63 | 1.50 | 2.04 | 3.76  | 2.32  | 3.56  | 0.63 | 0.13 | 0.06     |  |
| YXR1103-07 | 3/4        | 4-3/4   | 2.52      | 1.25             | 0.89 | 0.75 | 1.81 | 2.40 | 4.53  | 2.75  | 4.15  | 0.81 | 0.25 | 0.06     |  |
| YXR1103-08 | 7/8        | 6-1/2   | 3.85      | 1.44             | 1.02 | 0.88 | 2.10 | 2.86 | 5.33  | 3.20  | 4.82  | 0.97 | 0.25 | 0.06     |  |
| YXR1103-09 | 1          | 8-1/2   | 5.55      | 1.69             | 1.15 | 1.00 | 2.38 | 3.24 | 5.94  | 3.69  | 5.39  | 1.00 | 0.25 | 0.06     |  |
| YXR1103-10 | 1-1/8      | 9-1/2   | 7.60      | 1.81             | 1.25 | 1.13 | 2.68 | 3.61 | 6.78  | 4.07  | 5.90  | 1.25 | 0.25 | 0.06     |  |
| YXR1103-11 | 1-1/4      | 12      | 10.81     | 2.03             | 1.40 | 1.25 | 3.00 | 3.97 | 7.50  | 4.53  | 6.69  | 1.38 | 0.25 | 0.06     |  |
| YXR1103-12 | 1-3/8      | 13-1/2  | 13.75     | 2.25             | 1.53 | 1.38 | 3.31 | 4.43 | 8.28  | 5.01  | 7.21  | 1.50 | 0.25 | 0.13     |  |
| YXR1103-13 | 1-1/2      | 17      | 18.50     | 2.38             | 1.66 | 1.50 | 3.62 | 4.87 | 9.05  | 5.38  | 7.73  | 1.62 | 0.25 | 0.13     |  |
| YXR1103-14 | 1-3/4      | 25      | 31.40     | 2.88             | 2.04 | 1.75 | 4.19 | 5.82 | 10.97 | 6.38  | 9.33  | 2.12 | 0.25 | 0.13     |  |
| YXR1103-15 | 2          | 35      | 46.75     | 3.25             | 2.30 | 2.10 | 5.00 | 6.82 | 12.74 | 7.25  | 10.41 | 2.36 | 0.25 | 0.13     |  |
| YXR1103-16 | 2-1/2      | 55      | 85.00     | 4.12             | 2.80 | 2.63 | 5.68 | 8.07 | 14.85 | 9.38  | 13.58 | 2.63 | 0.25 | 0.13     |  |
| YXR1103-17 | 3          | 85      | 124.25    | 5.00             | 3.25 | 3.00 | 6.50 | 8.56 | 16.87 | 11.00 | 15.13 | 3.50 | 0.25 | 0.13     |  |

◆ Maximum Proof Load is 2.0 times the Working Load Limit.  
◆ Minimum Ultimate Load is 6 times the Working Load Limit.

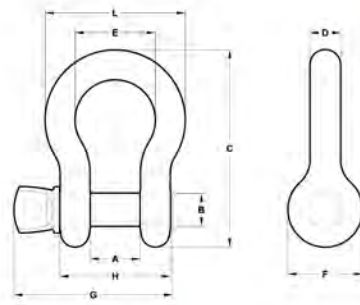
### US TYPE ROUND PIN CHAIN SHACKLE G215/S215



YXR1105

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |       |      |       |      |      | TOL. +/- |  |
|------------|------------|---------|-----------|------------------|------|------|------|------|------|------|-------|------|-------|------|------|----------|--|
|            |            |         |           | A                | B    | C    | D    | E    | F    | G    | K     | L    | M     | G    | A    |          |  |
| YXR1105-01 | 1/4        | 1/2     | 0.10      | 0.47             | 0.31 | 0.25 | 0.25 | 0.97 | 0.62 | 0.97 | 1.59  | 0.19 | 1.43  | 0.06 | 0.06 |          |  |
| YXR1105-02 | 5/16       | 3/4     | 0.18      | 0.53             | 0.38 | 0.31 | 0.31 | 1.15 | 0.75 | 1.07 | 1.91  | 0.22 | 1.71  | 0.06 | 0.06 |          |  |
| YXR1105-03 | 3/8        | 1       | 0.25      | 0.66             | 0.44 | 0.38 | 0.38 | 1.42 | 0.92 | 1.28 | 2.31  | 0.25 | 2.02  | 0.13 | 0.06 |          |  |
| YXR1105-04 | 7/16       | 1-1/2   | 0.40      | 0.75             | 0.50 | 0.44 | 0.44 | 1.63 | 1.06 | 1.48 | 2.67  | 0.31 | 2.37  | 0.13 | 0.06 |          |  |
| YXR1105-05 | 1/2        | 2       | 0.50      | 0.81             | 0.63 | 0.50 | 0.50 | 1.81 | 1.18 | 1.66 | 3.03  | 0.38 | 2.69  | 0.13 | 0.06 |          |  |
| YXR1105-06 | 5/8        | 3-1/4   | 1.21      | 1.06             | 0.75 | 0.63 | 0.63 | 2.32 | 1.50 | 2.04 | 3.76  | 0.44 | 3.34  | 0.13 | 0.06 |          |  |
| YXR1105-07 | 3/4        | 4-3/4   | 2.00      | 1.25             | 0.88 | 0.81 | 0.75 | 2.75 | 1.81 | 2.40 | 4.53  | 0.50 | 3.97  | 0.25 | 0.06 |          |  |
| YXR1105-08 | 7/8        | 6-1/2   | 3.28      | 1.44             | 1.00 | 0.97 | 0.88 | 3.20 | 2.10 | 2.86 | 5.33  | 0.50 | 4.50  | 0.25 | 0.06 |          |  |
| YXR1105-09 | 1          | 8-1/2   | 4.75      | 1.69             | 1.13 | 1.00 | 1.00 | 3.69 | 2.38 | 3.24 | 5.94  | 0.56 | 5.13  | 0.25 | 0.06 |          |  |
| YXR1105-10 | 1-1/8      | 9-1/2   | 6.30      | 1.81             | 1.25 | 1.25 | 1.13 | 4.07 | 2.69 | 3.61 | 6.78  | 0.63 | 5.71  | 0.25 | 0.06 |          |  |
| YXR1105-11 | 1-1/4      | 12      | 9.00      | 2.03             | 1.38 | 1.38 | 1.25 | 4.53 | 3.00 | 3.97 | 7.50  | 0.69 | 6.25  | 0.25 | 0.13 |          |  |
| YXR1105-12 | 1-3/8      | 12-1/2  | 12.00     | 2.25             | 1.50 | 1.50 | 1.38 | 5.01 | 3.31 | 4.43 | 8.28  | 0.75 | 6.53  | 0.25 | 0.13 |          |  |
| YXR1105-13 | 1-1/2      | 17      | 16.15     | 2.38             | 1.63 | 1.62 | 1.50 | 5.38 | 3.62 | 4.87 | 9.05  | 0.81 | 7.33  | 0.25 | 0.13 |          |  |
| YXR1105-14 | 1-3/4      | 25      | 29.96     | 2.88             | 2.00 | 2.12 | 1.75 | 6.38 | 4.19 | 5.78 | 10.97 | 1.00 | 9.06  | 0.25 | 0.13 |          |  |
| YXR1105-15 | 2          | 35      | 43.25     | 3.25             | 2.25 | 2.36 | 2.10 | 7.25 | 5.00 | 6.77 | 12.74 | 1.13 | 10.35 | 0.25 | 0.13 |          |  |
| YXR1105-16 | 2-1/2      | 55      | 71.75     | 4.12             | 2.75 | 2.63 | 2.63 | 9.38 | 5.68 | 8.07 | 14.85 | 1.38 | 13.00 | 0.25 | 0.13 |          |  |

## G80 US TYPE SCREW PIN ANCHOR SHACKLE

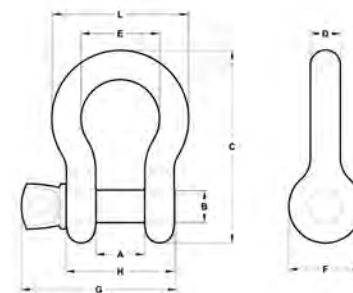


YXR1106

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (KG) | DIMENSIONS (MM) |      |      |      |      |      |       |      |       |    | TOL. +/- |
|------------|------------|---------|---------|-----------------|------|------|------|------|------|-------|------|-------|----|----------|
|            |            |         |         | A               | B    | C    | D    | E    | F    | H     | L    | G     |    |          |
| YXR1106-01 | 3/8        | 2       | 0.14    | 16.8            | 11   | 63   | 9.6  | 26.2 | 23.4 | 36    | 45.4 | 51    | 5% |          |
| YXR1106-02 | 7/16       | 2-2/3   | 0.2     | 19              | 12.7 | 73.9 | 11.2 | 29.5 | 27   | 41.4  | 51.9 | 60    | 5% |          |
| YXR1106-03 | 1/2        | 3-1/3   | 0.33    | 20.6            | 16   | 83.5 | 12.7 | 33   | 30   | 46    | 58.5 | 68    | 5% |          |
| YXR1106-04 | 5/8        | 5       | 0.62    | 27              | 19   | 106  | 16   | 42   | 39   | 59    | 74   | 87    | 5% |          |
| YXR1106-05 | 3/4        | 7       | 1.0     | 31.8            | 22.2 | 125  | 19   | 51   | 47   | 69.8  | 89   | 101   | 5% |          |
| YXR1106-06 | 7/8        | 9-1/2   | 1.6     | 36.6            | 25.4 | 147  | 22   | 58   | 54   | 80.6  | 102  | 117   | 5% |          |
| YXR1106-07 | 1          | 12-1/2  | 2.33    | 43              | 28.5 | 166  | 25   | 68   | 60   | 93    | 118  | 135.5 | 5% |          |
| YXR1106-08 | 1-1/8      | 15      | 3.05    | 46              | 31.7 | 185  | 28   | 74   | 66   | 102   | 130  | 146   | 5% |          |
| YXR1106-09 | 1-1/4      | 18      | 4.31    | 51.5            | 35.1 | 208  | 32   | 82   | 76   | 115.5 | 146  | 161   | 5% |          |
| YXR1106-10 | 1-3/8      | 21      | 5.98    | 57              | 38   | 228  | 35   | 89   | 84   | 127   | 159  | 172   | 5% |          |
| YXR1106-11 | 1-1/2      | 30      | 7.21    | 60.5            | 41.5 | 254  | 38   | 98   | 92   | 136.5 | 174  | 187   | 5% |          |
| YXR1106-12 | 1-3/4      | 40      | 12.7    | 73              | 50.8 | 303  | 45   | 127  | 109  | 163   | 217  | 220   | 5% |          |
| YXR1106-13 | 2          | 55      | 20.4    | 82.5            | 57.1 | 341  | 51   | 146  | 127  | 184.5 | 248  | 241   | 5% |          |
| YXR1106-14 | 2-1/2      | 85      | 38      | 105             | 69.8 | 455  | 66.5 | 179  | 150  | 235   | 321  | 316   | 5% |          |
| YXR1106-15 | 3          | 120     | 64      | 127             | 85   | 546  | 76   | 200  | 165  | 279   | 371  | 361   | 5% |          |

◆ Minimum Ultimate Load is 5 times the Working Load Limit.

## EN13889 SCREW PIN ANCHOR SHACKLE

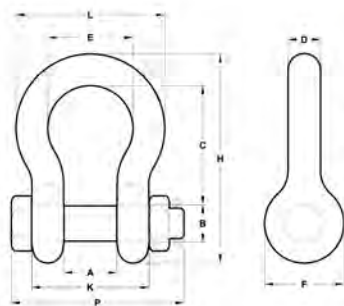


YXR1108

| ITEM NO.   | SIZE (IN) | WLL (T) | WT (LBS.) | DIMENSIONS (MM) |      |      |      |      |      |       |      |       |    | TOL. +/- |
|------------|-----------|---------|-----------|-----------------|------|------|------|------|------|-------|------|-------|----|----------|
|            |           |         |           | A               | B    | C    | D    | E    | F    | H     | L    | G     |    |          |
| YXR1108-01 | 3/16      | 0.33    | 0.03      | 9.7             | 6.3  | 37.3 | 4.8  | 15.2 | 14.2 | 19.3  | 24.8 | 29.2  | 5% |          |
| YXR1108-02 | 1/4       | 0.5     | 0.05      | 11.9            | 8    | 46.7 | 6.4  | 19.8 | 15.7 | 24.7  | 32.6 | 37    | 5% |          |
| YXR1108-03 | 5/16      | 0.75    | 0.09      | 13.5            | 9.5  | 53   | 7.9  | 21.3 | 19   | 29.3  | 37.3 | 43.4  | 5% |          |
| YXR1108-04 | 3/8       | 1       | 0.14      | 16.8            | 11   | 63   | 9.6  | 26.2 | 23.4 | 36    | 45.4 | 51    | 5% |          |
| YXR1108-05 | 7/16      | 1.5     | 0.2       | 19              | 12.7 | 73.9 | 11.2 | 29.5 | 27   | 41.4  | 51.9 | 60    | 5% |          |
| YXR1108-06 | 1/2       | 2       | 0.33      | 20.6            | 16   | 83.5 | 12.7 | 33   | 30   | 46    | 58.5 | 68    | 5% |          |
| YXR1108-07 | 5/8       | 3.25    | 0.62      | 27              | 19   | 106  | 16   | 42   | 39   | 59    | 74   | 87    | 5% |          |
| YXR1108-08 | 3/4       | 4.75    | 1         | 31.8            | 22.2 | 125  | 19   | 51   | 47   | 69.8  | 89   | 101   | 5% |          |
| YXR1108-09 | 7/8       | 6.5     | 1.6       | 36.6            | 25.1 | 147  | 22   | 58   | 54   | 80.6  | 102  | 117   | 5% |          |
| YXR1108-10 | 1         | 8.5     | 2.33      | 43              | 28.5 | 166  | 25   | 68   | 60   | 93    | 118  | 135.5 | 5% |          |
| YXR1108-11 | 1-1/8     | 9.5     | 3.05      | 46              | 31.7 | 185  | 28   | 74   | 66   | 102   | 130  | 146   | 5% |          |
| YXR1108-12 | 1-1/4     | 12      | 4.31      | 51.5            | 35.1 | 208  | 32   | 82   | 76   | 115.5 | 146  | 161   | 5% |          |
| YXR1108-13 | 1-3/8     | 13.5    | 5.98      | 57              | 38   | 228  | 35   | 89   | 84   | 127   | 159  | 172   | 5% |          |
| YXR1108-14 | 1-1/2     | 17      | 7.21      | 60.5            | 41.5 | 254  | 38   | 98   | 92   | 136.5 | 174  | 187   | 5% |          |
| YXR1108-15 | 1-3/4     | 25      | 12.7      | 73              | 50.8 | 303  | 45   | 127  | 109  | 163   | 217  | 220   | 5% |          |
| YXR1108-16 | 2         | 35      | 20.4      | 82.5            | 57.1 | 341  | 51   | 146  | 127  | 184.5 | 248  | 241   | 5% |          |
| YXR1108-17 | 2-1/4     | 42.5    | 29        | 95              | 63   | 382  | 57   | 160  | 143  | 209   | 274  | 295   | 5% |          |
| YXR1108-18 | 2-1/2     | 55      | 38        | 105             | 69.8 | 456  | 66.5 | 179  | 150  | 235   | 321  | 316   | 5% |          |
| YXR1108-19 | 3         | 85      | 64        | 127             | 85   | 546  | 76   | 200  | 165  | 279   | 371  | 361   | 5% |          |

◆ Minimum Ultimate Load is 5 times the Working Load Limit.

## G80 US TYPE SAFETY BOLT ANCHOR SHACKLE

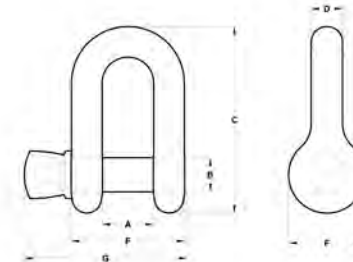


YXR1107

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (KG) | DIMENSIONS (MM) |      |      |      |      |      |      |       |      |      | TOL. +/- |
|------------|------------|---------|---------|-----------------|------|------|------|------|------|------|-------|------|------|----------|
|            |            |         |         | A               | B    | C    | D    | E    | F    | H    | K     | L    | P    |          |
| YXR1107-01 | 3/8        | 2       | 0.16    | 16.8            | 11   | 36.6 | 9.6  | 26.2 | 23.4 | 63   | 36    | 45.4 | 59.5 | 5%       |
| YXR1107-02 | 7/16       | 2-2/3   | 0.22    | 19              | 12.7 | 43   | 11.2 | 29.5 | 27   | 73.9 | 41.4  | 51.9 | 65   | 5%       |
| YXR1107-03 | 1/2        | 3-1/3   | 0.34    | 20.6            | 16   | 47   | 12.7 | 33   | 30   | 83.5 | 46    | 58.5 | 77.5 | 5%       |
| YXR1107-04 | 5/8        | 5       | 0.68    | 27              | 19   | 60   | 16   | 42   | 39   | 106  | 59    | 74   | 97   | 5%       |
| YXR1107-05 | 3/4        | 7       | 1.11    | 31.8            | 22.2 | 71   | 19   | 51   | 47   | 125  | 69.8  | 89   | 109  | 5%       |
| YXR1107-06 | 7/8        | 9-1/2   | 1.66    | 36.6            | 25.4 | 84   | 22   | 58   | 54   | 147  | 80.6  | 102  | 123  | 5%       |
| YXR1107-07 | 1          | 12-1/2  | 2.35    | 43              | 28.5 | 96   | 25   | 68   | 60   | 166  | 93    | 118  | 139  | 5%       |
| YXR1107-08 | 1-1/8      | 15      | 3.22    | 46              | 31.7 | 107  | 28   | 74   | 66   | 185  | 102   | 130  | 149  | 5%       |
| YXR1107-09 | 1-1/4      | 18      | 4.98    | 51.5            | 35.1 | 119  | 32   | 82   | 76   | 208  | 115.5 | 146  | 171  | 5%       |
| YXR1107-10 | 1-3/8      | 21      | 6.36    | 57              | 38   | 131  | 35   | 89   | 84   | 228  | 127   | 159  | 186  | 5%       |
| YXR1107-11 | 1-1/2      | 30      | 8.24    | 60.5            | 41.5 | 148  | 38   | 98   | 92   | 254  | 136.5 | 174  | 194  | 5%       |
| YXR1107-12 | 1-3/4      | 40      | 14.29   | 73              | 50.8 | 177  | 45   | 127  | 109  | 303  | 163   | 217  | 238  | 5%       |
| YXR1107-13 | 2          | 55      | 20.1    | 82.5            | 57.1 | 197  | 51   | 146  | 127  | 341  | 184.5 | 248  | 260  | 5%       |
| YXR1107-14 | 2-1/2      | 85      | 43.6    | 105             | 69.8 | 264  | 69   | 184  | 150  | 443  | 234   | 314  | 326  | 5%       |
| YXR1107-15 | 3          | 120     | 67      | 127             | 85   | 328  | 79   | 216  | 165  | 533  | 279   | 368  | 378  | 5%       |
| YXR1107-16 | 3-1/2      | 150     | 113     | 133             | 95   | 371  | 92   | 229  | 203  | 632  | 323   | 432  | 425  | 5%       |
| YXR1107-17 | 4          | 175     | 141     | 140             | 107  | 368  | 104  | 254  | 228  | 651  | 340   | 457  | 452  | 5%       |

◆ Minimum Ultimate Load is 5 times the Working Load Limit.

## EN13889 SCREW PIN CHAIN SHACKLE

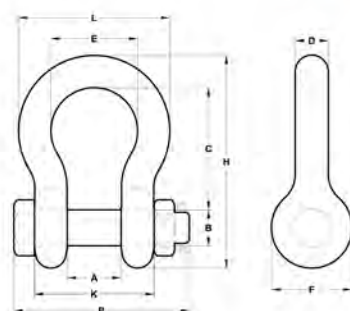


YXR1109

| ITEM NO.   | SIZE (IN) | WLL (T) | WT (LBS.) | DIMENSIONS (MM) |      |       |      |      |       |       |    | TOL. +/- |
|------------|-----------|---------|-----------|-----------------|------|-------|------|------|-------|-------|----|----------|
|            |           |         |           | A               | B    | C     | D    | E    | F     | G     |    |          |
| YXR1109-01 | 3/16      | 0.33    | 0.03      | 9.5             | 6.3  | 37    | 5    | 14.5 | 19.5  | 29.2  | 5% |          |
| YXR1109-02 | 1/4       | 0.5     | 0.05      | 11.9            | 8    | 40.4  | 6.4  | 15.7 | 24.7  | 37    | 5% |          |
| YXR1109-03 | 5/16      | 0.75    | 0.08      | 13.5            | 9.5  | 48.5  | 7.9  | 19   | 29.3  | 43.4  | 5% |          |
| YXR1109-04 | 3/8       | 1       | 0.13      | 16.8            | 11   | 58.7  | 9.6  | 23.4 | 36    | 51    | 5% |          |
| YXR1109-05 | 7/16      | 1.5     | 0.2       | 19              | 12.7 | 67.8  | 11.2 | 27   | 41.4  | 60    | 5% |          |
| YXR1109-06 | 1/2       | 2       | 0.27      | 20.6            | 16   | 77    | 12.7 | 30   | 46    | 68    | 5% |          |
| YXR1109-07 | 5/8       | 3.25    | 0.57      | 27              | 19   | 96    | 16   | 39   | 59    | 87    | 5% |          |
| YXR1109-08 | 3/4       | 4.75    | 1.2       | 31.8            | 22.2 | 114   | 19   | 47   | 69.8  | 101   | 5% |          |
| YXR1109-09 | 7/8       | 6.5     | 1.43      | 36.6            | 25.4 | 134   | 22   | 54   | 80.6  | 117   | 5% |          |
| YXR1109-10 | 1         | 8.5     | 2.15      | 43              | 28.5 | 152   | 25   | 60   | 93    | 135.5 | 5% |          |
| YXR1109-11 | 1-1/8     | 9.5     | 3.06      | 46              | 31.7 | 168   | 28   | 66   | 102   | 146   | 5% |          |
| YXR1109-12 | 1-1/4     | 12      | 4.11      | 51.5            | 35.1 | 189   | 32   | 76   | 115.5 | 161   | 5% |          |
| YXR1109-13 | 1-3/8     | 13.5    | 5.28      | 57              | 38   | 208   | 35   | 84   | 127   | 172   | 5% |          |
| YXR1109-14 | 1-1/2     | 17      | 7.23      | 60.5            | 41.5 | 230   | 38   | 92   | 136.5 | 187   | 5% |          |
| YXR1109-15 | 1-3/4     | 25      | 12.1      | 73              | 50.8 | 272   | 45   | 109  | 163   | 220   | 5% |          |
| YXR1109-16 | 2         | 35      | 19.2      | 82.5            | 57.1 | 314   | 51   | 127  | 184.5 | 241   | 5% |          |
| YXR1109-17 | 2-1/4     | 42.5    | 26.6      | 95              | 63   | 342   | 57   | 143  | 209   | 295   | 5% |          |
| YXR1109-18 | 2-1/2     | 55      | 32.5      | 105             | 69.8 | 378   | 65   | 150  | 235   | 326   | 5% |          |
| YXR1109-19 | 3         | 85      | 54        | 127             | 85   | 417.5 | 76   | 165  | 279   | 381   | 5% |          |

◆ Minimum Ultimate Load is 5 times the Working Load Limit.

## EN13889 SAFETY BOLT ANCHOR SHACKLE

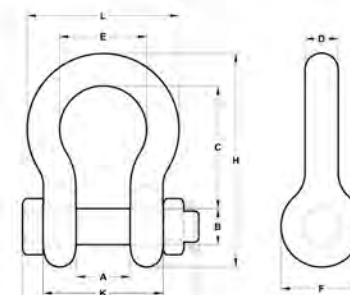


YXR1109

| ITEM NO.   | SIZE (IN) | WLL (T) | WT (KG) | DIMENSIONS (MM) |      |      |      |      |      |       |       |      |      |    | TOL. +/- |
|------------|-----------|---------|---------|-----------------|------|------|------|------|------|-------|-------|------|------|----|----------|
|            |           |         |         | A               | B    | C    | D    | E    | F    | H     | K     | L    | P    |    |          |
| YXR1109-01 | 1/4       | 0.5     | 0.048   | 11.9            | 8    | 28.7 | 6.4  | 19.8 | 15.7 | 46.7  | 24.7  | 32.6 | 42   | 5% |          |
| YXR1109-02 | 5/16      | 0.75    | 0.1     | 13.5            | 9.5  | 31   | 7.9  | 21.3 | 19   | 53    | 29.3  | 37.3 | 49   | 5% |          |
| YXR1109-03 | 3/8       | 1       | 0.16    | 16.8            | 11.1 | 36.6 | 9.6  | 26.2 | 23.4 | 63    | 36    | 45.4 | 59.5 | 5% |          |
| YXR1109-04 | 7/16      | 1.5     | 0.22    | 19              | 12.7 | 43   | 11.2 | 29.5 | 27   | 73.9  | 41.4  | 51.9 | 65   | 5% |          |
| YXR1109-05 | 1/2       | 2       | 0.34    | 20.6            | 16   | 47   | 12.7 | 33   | 30   | 83.5  | 46    | 58.5 | 77.5 | 5% |          |
| YXR1109-06 | 5/8       | 3.25    | 0.68    | 27              | 19   | 60   | 16   | 42   | 39   | 106   | 59    | 74   | 97   | 5% |          |
| YXR1109-07 | 3/4       | 4.75    | 1.11    | 31.8            | 22.1 | 71   | 19   | 51   | 47   | 125   | 69.8  | 89   | 109  | 5% |          |
| YXR1109-08 | 7/8       | 6.5     | 1.66    | 36.6            | 25.1 | 84   | 22   | 58   | 54   | 147   | 80.6  | 102  | 123  | 5% |          |
| YXR1109-09 | 1         | 8.5     | 2.35    | 43              | 28.1 | 96   | 25   | 68   | 60   | 166   | 93    | 118  | 139  | 5% |          |
| YXR1109-10 | 1-1/8     | 9.5     | 3.22    | 46              | 31.7 | 107  | 28   | 74   | 66   | 185   | 102   | 130  | 149  | 5% |          |
| YXR1109-11 | 1-1/4     | 12      | 4.98    | 51.5            | 35.1 | 119  | 32   | 82   | 76   | 208   | 115.5 | 146  | 171  | 5% |          |
| YXR1109-12 | 1-3/8     | 13.5    | 6.36    | 57              | 38   | 131  | 35   | 89   | 84   | 228   | 127   | 159  | 186  | 5% |          |
| YXR1109-13 | 1-1/2     | 17      | 8.24    | 60.5            | 41.5 | 148  | 38   | 98   | 92   | 254   | 136.5 | 174  | 194  | 5% |          |
| YXR1109-14 | 1-3/4     | 25      | 14.29   | 73              | 50.8 | 177  | 45   | 127  | 109  | 303   | 163   | 217  | 228  | 5% |          |
| YXR1109-15 | 2         | 35      | 20.1    | 82.5            | 57.1 | 197  | 51   | 146  | 127  | 341   | 184.5 | 248  | 260  | 5% |          |
| YXR1109-16 | 2-1/4     | 42.5    | 31.4    | 95              | 63   | 221  | 57   | 160  | 143  | 383   | 209   | 274  | 302  | 5% |          |
| YXR1109-17 | 2-1/2     | 55      | 43.6    | 105             | 69.8 | 264  | 66.5 | 184  | 150  | 455   | 235   | 321  | 328  | 5% |          |
| YXR1109-18 | 3         | 85      | 67      | 127             | 85   | 328  | 76   | 200  | 165  | 546   | 279   | 371  | 378  | 5% |          |
| YXR1109-19 | 3-1/2     | 120     | 113     | 133             | 95   | 371  | 92   | 229  | 203  | 632   | 323   | 432  | 425  | 5% |          |
| YXR1109-20 | 4         | 150     | 141     | 140             | 107  | 368  | 104  | 254  | 228  | 651.5 | 340   | 457  | 452  | 5% |          |

◆ Minimum Ultimate Load is 6 times the Working Load Limit.

## EN13889 SUPER POLAR SAFETY BOLT ANCHOR SHACKLE

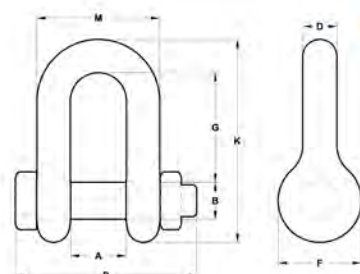


YXR1111

| ITEM NO.   | SIZE (IN) | WLL (T) | WT (KG) | DIMENSIONS (MM) |      |     |      |      |     |      |       |      |      |    | TOL. +/- |
|------------|-----------|---------|---------|-----------------|------|-----|------|------|-----|------|-------|------|------|----|----------|
|            |           |         |         | A               | B    | C   | D    | E    | F   | H    | K     | L    | P    |    |          |
| YXR1111-01 | 1/2       | 2       | 0.34    | 20.6            | 16   | 47  | 12.7 | 33.1 | 30  | 83.5 | 46    | 58.5 | 77.5 | 5% |          |
| YXR1111-02 | 5/8       | 3.25    | 0.68    | 27              | 19   | 60  | 16   | 42   | 39  | 106  | 59    | 74   | 97   | 5% |          |
| YXR1111-03 | 3/4       | 4.75    | 1.11    | 31.8            | 22.1 | 71  | 19   | 51   | 47  | 125  | 69.8  | 89   | 109  | 5% |          |
| YXR1111-04 | 7/8       | 6.5     | 1.66    | 36.6            | 25.1 | 84  | 22   | 58   | 54  | 147  | 80.6  | 102  | 123  | 5% |          |
| YXR1111-05 | 1         | 8.5     | 2.35    | 43              | 28.1 | 96  | 25   | 68   | 60  | 166  | 93    | 118  | 139  | 5% |          |
| YXR1111-06 | 1-1/8     | 9.5     | 3.22    | 46              | 31.7 | 107 | 28   | 74   | 66  | 185  | 102   | 130  | 149  | 5% |          |
| YXR1111-07 | 1-1/4     | 12      | 4.98    | 51.5            | 35.1 | 119 | 32   | 82   | 76  | 208  | 115.5 | 146  | 171  | 5% |          |
| YXR1111-08 | 1-3/8     | 13.5    | 6.36    | 57              | 38   | 131 | 35   | 89   | 84  | 228  | 127   | 159  | 186  | 5% |          |
| YXR1111-09 | 1-1/2     | 17      | 8.24    | 60.5            | 41.5 | 148 | 38   | 98   | 92  | 254  | 136.5 | 174  | 194  | 5% |          |
| YXR1111-10 | 1-3/4     | 25      | 14.29   | 73              | 50.8 | 177 | 45   | 127  | 109 | 303  | 163   | 217  | 238  | 5% |          |
| YXR1111-11 | 2         | 35      | 20.1    | 82.5            | 57.1 | 197 | 51   | 146  | 127 | 341  | 184.5 | 248  | 260  | 5% |          |
| YXR1111-12 | 2-1/4     | 42.5    | 31.4    | 95              | 63   | 221 | 57   | 160  | 143 | 383  | 209   | 274  | 302  | 5% |          |
| YXR1111-1  | 2-1/2     | 55      | 43.6    | 105             | 69.8 | 264 | 66.5 | 184  | 150 | 455  | 235   | 321  | 328  | 5% |          |
| YXR1111-14 | 3         | 85      | 67      | 127             | 85   | 328 | 76   | 200  | 165 | 546  | 279   | 371  | 378  | 5% |          |

◆ Safety Factor: Minimum Ultimate Load is 8 times the Working Load Limit (55 tons and 85 tons, the safety factor is 2 times of working load limit).

## EN13889 SAFETY BOLT CHAIN SHACKLE

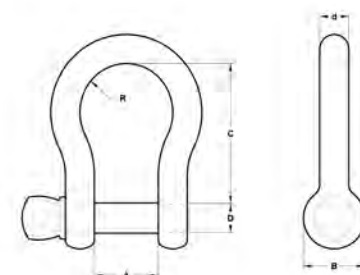


YXR1110

| ITEM NO.   | SIZE (IN) | WLL (T) | WT (LBS.) | DIMENSIONS (MM) |      |      |      |       |       |      |      | TOL. +/- |
|------------|-----------|---------|-----------|-----------------|------|------|------|-------|-------|------|------|----------|
|            |           |         |           | A               | B    | D    | F    | M     | G     | K    | P    |          |
| YXR1110-01 | 3/8       | 1       | 0.15      | 16.8            | 11.1 | 9.6  | 23.4 | 36    | 32.5  | 58.7 | 59.5 | 5%       |
| YXR1110-02 | 7/16      | 1.5     | 0.19      | 19              | 12.7 | 11.2 | 27   | 41.4  | 37.6  | 67.8 | 65   | 5%       |
| YXR1110-03 | 1/2       | 2       | 0.33      | 20.6            | 16   | 12.7 | 30   | 46    | 40.7  | 77   | 77.5 | 5%       |
| YXR1110-04 | 5/8       | 3.25    | 0.67      | 27              | 19   | 16   | 39   | 59    | 50    | 96   | 97   | 5%       |
| YXR1110-05 | 3/4       | 4.75    | 1.05      | 31.8            | 22.1 | 19   | 47   | 69.8  | 59.5  | 114  | 109  | 5%       |
| YXR1110-06 | 7/8       | 6.5     | 1.55      | 36.6            | 25.1 | 22   | 54   | 80.6  | 71.5  | 134  | 123  | 5%       |
| YXR1110-07 | 1         | 8.5     | 2.2       | 43              | 28.1 | 25   | 60   | 93    | 82    | 152  | 139  | 5%       |
| YXR1110-08 | 1-1/8     | 9.5     | 2.9       | 46              | 31.7 | 28   | 66   | 102   | 90    | 168  | 149  | 5%       |
| YXR1110-09 | 1-1/4     | 12      | 4.43      | 51.5            | 35.1 | 32   | 76   | 115.5 | 100   | 189  | 171  | 5%       |
| YXR1110-10 | 1-3/8     | 13.5    | 6.24      | 57              | 38   | 35   | 84   | 127   | 111   | 208  | 186  | 5%       |
| YXR1110-11 | 1-1/2     | 17      | 7.74      | 60.5            | 41.5 | 38   | 92   | 136.5 | 124   | 230  | 194  | 5%       |
| YXR1110-12 | 1-3/4     | 25      | 12.6      | 73              | 50.8 | 45   | 109  | 163   | 145.5 | 272  | 238  | 5%       |
| YXR1110-13 | 2         | 35      | 18.45     | 82.5            | 57.1 | 51   | 127  | 184.5 | 169.5 | 314  | 260  | 5%       |
| YXR1110-14 | 2-1/4     | 42.5    | 28.9      | 95              | 63   | 57   | 143  | 209   | 181   | 342  | 302  | 5%       |
| YXR1110-15 | 2-1/2     | 55      | 38.6      | 105             | 69.8 | 65   | 150  | 235   | 201   | 378  | 328  | 5%       |
| YXR1110-16 | 3         | 85      | 56        | 127             | 73   | 71   | 157  | 160   | 243   | 383  | 409  | 5%       |

◆ Minimum Ultimate Load is 6 times the Working Load Limit.

## EUROPEAN BOW TYPE COMMERCIAL SHACKLE

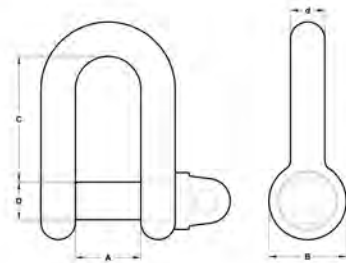


YXR1112

| ITEM NO.   | SIZE (D) | WLL (T) | DIMENSIONS (MM) |     |     |    |    | WT (KG) |
|------------|----------|---------|-----------------|-----|-----|----|----|---------|
|            |          |         | A               | B   | C   | D  | R  |         |
| YXR1112-01 | 5        | 80      | 10              | 11  | 19  | 5  | 8  | 0.019   |
| YXR1112-02 | 6        | 100     | 13              | 14  | 25  | 6  | 10 | 0.034   |
| YXR1112-03 | 8        | 200     | 16              | 18  | 32  | 8  | 12 | 0.07    |
| YXR1112-04 | 10       | 320     | 19              | 20  | 38  | 10 | 16 | 0.13    |
| YXR1112-05 | 12       | 520     | 25              | 26  | 51  | 12 | 19 | 0.26    |
| YXR1112-06 | 16       | 800     | 32              | 33  | 64  | 16 | 28 | 0.5     |
| YXR1112-07 | 20       | 1100    | 38              | 40  | 76  | 20 | 33 | 0.8     |
| YXR1112-08 | 22       | 1500    | 44              | 50  | 89  | 22 | 37 | 1.3     |
| YXR1112-09 | 25       | 2100    | 51              | 57  | 100 | 25 | 40 | 2       |
| YXR1112-10 | 28       | 3000    | 57              | 68  | 115 | 28 | 47 | 3.1     |
| YXR1112-11 | 32       | 3500    | 64              | 73  | 127 | 32 | 52 | 4.3     |
| YXR1112-12 | 38       | 5000    | 76              | 85  | 152 | 38 | 63 | 7       |
| YXR1112-13 | 45       | 7000    | 90              | 96  | 180 | 45 | 75 | 12.5    |
| YXR1112-14 | 50       | 8000    | 102             | 108 | 200 | 50 | 78 | 17.5    |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.

## EUROPEAN DEE TYPE COMMERCIAL SHACKLE

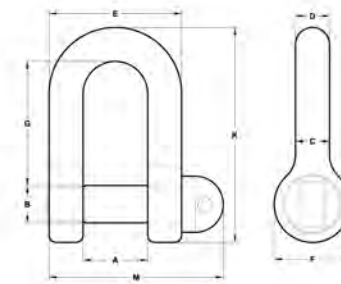


YXR1113

| ITEM NO.   | SIZE (D) | WLL (T) | DIMENSIONS (MM) |     |     |    | WEIGHT (KG/PC) |
|------------|----------|---------|-----------------|-----|-----|----|----------------|
|            |          |         | A               | B   | C   | D  |                |
| YXR1113-01 | 5        | 80      | 11              | 10  | 19  | 5  | 0.019          |
| YXR1113-02 | 6        | 100     | 14              | 13  | 25  | 6  | 0.034          |
| YXR1113-03 | 8        | 200     | 18              | 16  | 32  | 8  | 0.07           |
| YXR1113-04 | 10       | 320     | 20              | 19  | 38  | 10 | 0.13           |
| YXR1113-05 | 12       | 520     | 26              | 25  | 51  | 12 | 0.24           |
| YXR1113-06 | 16       | 800     | 33              | 32  | 64  | 16 | 0.5            |
| YXR1113-07 | 20       | 1100    | 40              | 38  | 76  | 20 | 0.8            |
| YXR1113-08 | 22       | 1500    | 50              | 44  | 89  | 22 | 1.3            |
| YXR1113-09 | 25       | 2100    | 57              | 51  | 100 | 25 | 2              |
| YXR1113-10 | 28       | 3000    | 68              | 57  | 115 | 28 | 3              |
| YXR1113-11 | 32       | 3500    | 73              | 64  | 127 | 32 | 4.3            |
| YXR1113-12 | 38       | 5000    | 85              | 76  | 152 | 38 | 6.75           |
| YXR1113-13 | 45       | 7000    | 96              | 90  | 180 | 45 | 12.5           |
| YXR1113-14 | 50       | 8000    | 108             | 102 | 200 | 50 | 17.5           |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.

## DIN82101 SHACKLE, TYPE A

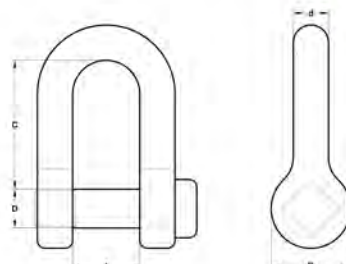


YXR1115

| ITEM NO.   | SIZE | WLL (T) | WT (KG) | DIMENSIONS (MM) |    |    |    |     |     |       |     |       |    | TOL. +/- |
|------------|------|---------|---------|-----------------|----|----|----|-----|-----|-------|-----|-------|----|----------|
|            |      |         |         | A               | B  | C  | D  | E   | F   | G     | K   | M     |    |          |
| YXR1115-01 | M5   | 0.1     | 0.013   | 7               | 5  | 4  | 5  | 15  | 10  | 15    | 28  | 23    | 5% |          |
| 2          | M6   | 0.16    | 0.021   | 8               | 6  | 5  | 6  | 18  | 12  | 18    | 33  | 26.5  | 5% |          |
| YXR1115-03 | M8   | 0.25    | 0.048   | 11              | 8  | 7  | 8  | 25  | 16  | 23.5  | 44  | 33.5  | 5% |          |
| YXR1115-04 | M10  | 0.4     | 0.083   | 14              | 10 | 8  | 10 | 30  | 20  | 29.5  | 55  | 41    | 5% |          |
| YXR1115-05 | M12  | 0.6     | 0.156   | 17              | 12 | 10 | 12 | 37  | 24  | 35.5  | 66  | 50    | 5% |          |
| YXR1115-06 | M16  | 1       | 0.33    | 21              | 16 | 13 | 15 | 47  | 32  | 48.5  | 88  | 62    | 5% |          |
| YXR1115-07 | M20  | 1.6     | 0.71    | 27              | 20 | 17 | 19 | 61  | 40  | 60.5  | 110 | 82    | 5% |          |
| YXR1115-08 | M22  | 2       | 0.94    | 30              | 22 | 19 | 21 | 68  | 44  | 66.5  | 121 | 90    | 5% |          |
| YXR1115-09 | M24  | 2.5     | 1.35    | 33              | 24 | 21 | 23 | 75  | 48  | 72.5  | 132 | 99    | 5% |          |
| YXR1115-10 | M27  | 3       | 1.89    | 38              | 27 | 24 | 26 | 86  | 54  | 83    | 150 | 115   | 5% |          |
| YXR1115-11 | M30  | 4       | 2.53    | 42              | 30 | 27 | 29 | 96  | 60  | 90.5  | 165 | 125   | 5% |          |
| YXR1115-12 | M36  | 5       | 4       | 47              | 36 | 30 | 33 | 107 | 72  | 110.5 | 198 | 139   | 5% |          |
| YXR1115-13 | M39  | 6       | 5.1     | 53              | 39 | 34 | 37 | 121 | 78  | 119   | 215 | 154.5 | 5% |          |
| YXR1115-14 | M45  | 8       | 7.92    | 60              | 45 | 38 | 41 | 136 | 90  | 138.5 | 248 | 175.5 | 5% |          |
| YXR1115-15 | M48  | 10      | 9.87    | 66              | 48 | 42 | 45 | 150 | 96  | 146   | 264 | 195   | 5% |          |
| YXR1115-16 | M52  | 12      | 13.68   | 73              | 52 | 47 | 50 | 167 | 104 | 157   | 286 | 211   | 5% |          |
| YXR1115-17 | M60  | 16      | 20.23   | 81              | 60 | 52 | 55 | 185 | 120 | 183.5 | 330 | 232   | 5% |          |
| YXR1115-18 | M68  | 20      | 28.51   | 90              | 68 | 58 | 61 | 206 | 136 | 209.5 | 374 | 259   | 5% |          |
| YXR1115-19 | M72  | 25      | 33.93   | 100             | 72 | 63 | 67 | 226 | 144 | 219.5 | 396 | 284   | 5% |          |

◆ Minimum Ultimate Load is 5 times the Working Load Limit.

## EUROPEAN TYPE TRAWLING SHACKLE WITH SQUARE HEAD SCREW PIN

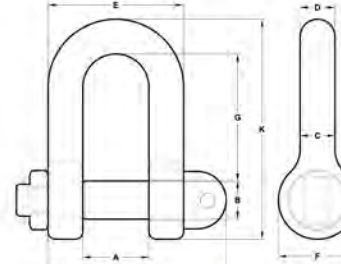


YXR1114

| ITEM NO.   | SIZE (D) | WLL (T) | DIMENSIONS (MM) |    |     |    | WEIGHT (KG/PC) |
|------------|----------|---------|-----------------|----|-----|----|----------------|
|            |          |         | A               | B  | C   | D  |                |
| YXR1114-01 | 8        | 0.2     | 16              | 18 | 32  | 8  | 0.07           |
| YXR1114-02 | 10       | 0.3     | 20              | 20 | 38  | 10 | 0.134          |
| YXR1114-03 | 12       | 0.5     | 25              | 26 | 51  | 12 | 0.25           |
| YXR1114-04 | 16       | 0.8     | 32              | 33 | 63  | 16 | 0.53           |
| YXR1114-05 | 20       | 1.1     | 38              | 40 | 76  | 20 | 0.92           |
| YXR1114-06 | 22       | 1.5     | 45              | 50 | 88  | 22 | 1.4            |
| YXR1114-07 | 25       | 2       | 51              | 57 | 102 | 25 | 2.15           |
| YXR1114-08 | 28       | 2.6     | 57              | 68 | 114 | 28 | 3              |
| YXR1114-09 | 32       | 3.8     | 63              | 73 | 127 | 32 | 4.55           |
| YXR1114-10 | 38       | 4.5     | 76              | 85 | 152 | 38 | 7.6            |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.

## DIN82101 SHACKLE, TYPE C

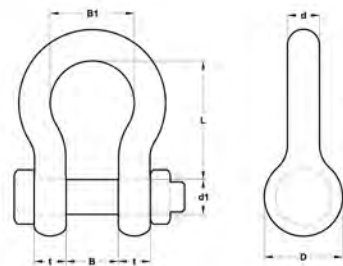


YXR1116

| ITEM NO.   | SIZE | WLL (T) | WT (KG) | DIMENSIONS (MM) |     |    |    |     |     |       |     |     |    | TOL. +/- |
|------------|------|---------|---------|-----------------|-----|----|----|-----|-----|-------|-----|-----|----|----------|
|            |      |         |         | A               | B   | C  | D  | E   | F   | G     | K   | P   |    |          |
| YXR1116-01 | M10  | 0.4     | 0.097   | 14              | 10  | 8  | 10 | 30  | 20  | 29.5  | 55  | 58  | 5% |          |
| YXR1116-02 | M12  | 0.6     | 0.181   | 17              | 12  | 10 | 12 | 37  | 24  | 35.5  | 66  | 68  | 5% |          |
| YXR1116-03 | M16  | 1       | 0.369   | 21              | 16  | 13 | 15 | 47  | 32  | 48.5  | 88  | 81  | 5% |          |
| YXR1116-04 | M20  | 1.6     | 0.788   | 27              | 20  | 17 | 19 | 61  | 40  | 60.5  | 110 | 104 | 5% |          |
| YXR1116-05 | M22  | 2       | 1.01    | 30              | 22  | 19 | 21 | 68  | 44  | 66.5  | 121 | 115 | 5% |          |
| YXR1116-06 | M24  | 2.5     | 1.458   | 33              | 24  | 21 | 23 | 75  | 48  | 72.5  | 132 | 127 | 5% |          |
| YXR1116-07 | M27  | 3       | 2.047   | 38              | 27  | 24 | 26 | 86  | 54  | 83    | 150 | 145 | 5% |          |
| YXR1116-08 | M30  | 4       | 2.72    | 42              | 30  | 27 | 29 | 96  | 60  | 90.5  | 165 | 156 | 5% |          |
| YXR1116-09 | M36  | 5       | 4.2     | 47              | 36  | 30 | 33 | 107 | 72  | 110.5 | 198 | 172 | 5% |          |
| YXR1116-10 | M39  | 6       | 5.66    | 53              | 39  | 34 | 37 | 121 | 78  | 119   | 215 | 189 | 5% |          |
| YXR1116-11 | M45  | 8       | 8.45    | 60              | 45  | 38 | 41 | 136 | 90  | 138.5 | 248 | 211 | 5% |          |
| YXR1116-12 | M48  | 10      | 10.8    | 66              | 48  | 42 | 45 | 150 | 96  | 146   | 264 | 240 | 5% |          |
| YXR1116-13 | M52  | 12      | 14.23   | 73              | 52  | 47 | 50 | 167 | 104 | 157   | 286 | 254 | 5% |          |
| YXR1116-14 | M60  | 16      | 21.93   | 81              | 60  | 52 | 55 | 185 | 120 | 183.5 | 330 | 285 | 5% |          |
| YXR1116-15 | M68  | 20      | 31.18   | 90              | 68  | 58 | 61 | 206 | 136 | 209.5 | 374 | 316 | 5% |          |
| YXR1116-16 | M72  | 25      | 36.73   | 100             | 72  | 63 | 67 | 226 | 144 | 219.5 | 396 | 341 | 5% |          |
| YXR1116-17 | M80  | 32      | 50      | 110             | 80  | 70 | 74 | 250 | 160 | 244.5 | 440 | 369 | 5% |          |
| YXR1116-18 | M90  | 40      | 71      | 125             | 90  | 79 | 84 | 283 | 180 | 274   | 495 | 409 | 5% |          |
| YXR1116-19 | M100 | 50      | 97.08   | 140             | 100 | 88 | 93 | 316 | 200 | 307   | 550 | 462 | 5% |          |

◆ Minimum Ultimate Load is 5 times the Working Load Limit.

## JIS SHACKLE, TYPE BB

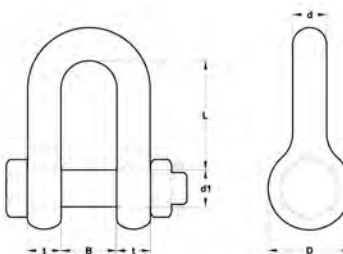


YXR1117

| ITEM NO.   | SIZE | WLL (T) | DIMENSIONS (MM) |    |     |     |     |    |       | TOL. +/- |
|------------|------|---------|-----------------|----|-----|-----|-----|----|-------|----------|
|            |      |         | T               | D  | B   | B1  | D   | D1 | L     |          |
| YXR1117-01 | BB24 | 3.6     | 24              | 28 | 39  | 70  | 62  | 30 | 110.5 | 5%       |
| YXR1117-02 | BB26 | 4.2     | 26              | 30 | 41  | 75  | 66  | 32 | 118.5 | 5%       |
| YXR1117-03 | BB28 | 4.8     | 28              | 32 | 43  | 80  | 70  | 34 | 126.5 | 5%       |
| YXR1117-04 | BB30 | 5.4     | 30              | 34 | 45  | 85  | 75  | 36 | 134.5 | 5%       |
| YXR1117-05 | BB32 | 6.2     | 32              | 37 | 48  | 93  | 80  | 38 | 147.5 | 5%       |
| YXR1117-06 | BB34 | 7       | 34              | 39 | 50  | 98  | 85  | 40 | 155.5 | 5%       |
| YXR1117-07 | BB36 | 8       | 36              | 42 | 54  | 105 | 90  | 42 | 168.5 | 5%       |
| YXR1117-08 | BB38 | 9       | 38              | 44 | 57  | 110 | 95  | 46 | 174.5 | 5%       |
| YXR1117-09 | BB40 | 10      | 40              | 47 | 60  | 118 | 100 | 48 | 187.5 | 5%       |
| YXR1117-10 | BB42 | 11      | 42              | 49 | 63  | 123 | 105 | 51 | 190.5 | 5%       |
| YXR1117-11 | BB44 | 12      | 44              | 51 | 66  | 128 | 110 | 54 | 202   | 5%       |
| YXR1117-12 | BB46 | 13      | 46              | 53 | 68  | 133 | 115 | 56 | 211   | 5%       |
| YXR1117-13 | BB48 | 14      | 48              | 55 | 72  | 138 | 120 | 58 | 218   | 5%       |
| YXR1117-14 | BB50 | 15      | 50              | 57 | 75  | 143 | 125 | 60 | 226   | 5%       |
| YXR1117-15 | BB55 | 18      | 55              | 62 | 83  | 155 | 138 | 65 | 246.5 | 5%       |
| YXR1117-1  | BB60 | 22      | 60              | 69 | 90  | 178 | 150 | 70 | 274   | 5%       |
| YXR1117-17 | BB65 | 26      | 65              | 75 | 98  | 188 | 164 | 77 | 298.5 | 5%       |
| YXR1117-18 | BB70 | 30      | 70              | 81 | 105 | 202 | 178 | 83 | 317.5 | 5%       |
| YXR1117-19 | BB75 | 35      | 75              | 87 | 112 | 218 | 192 | 90 | 341   | 5%       |
| YXR1117-20 | BB80 | 40      | 80              | 93 | 120 | 232 | 206 | 96 | 365   | 5%       |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.

## JIS SHACKLE, TYPE SB

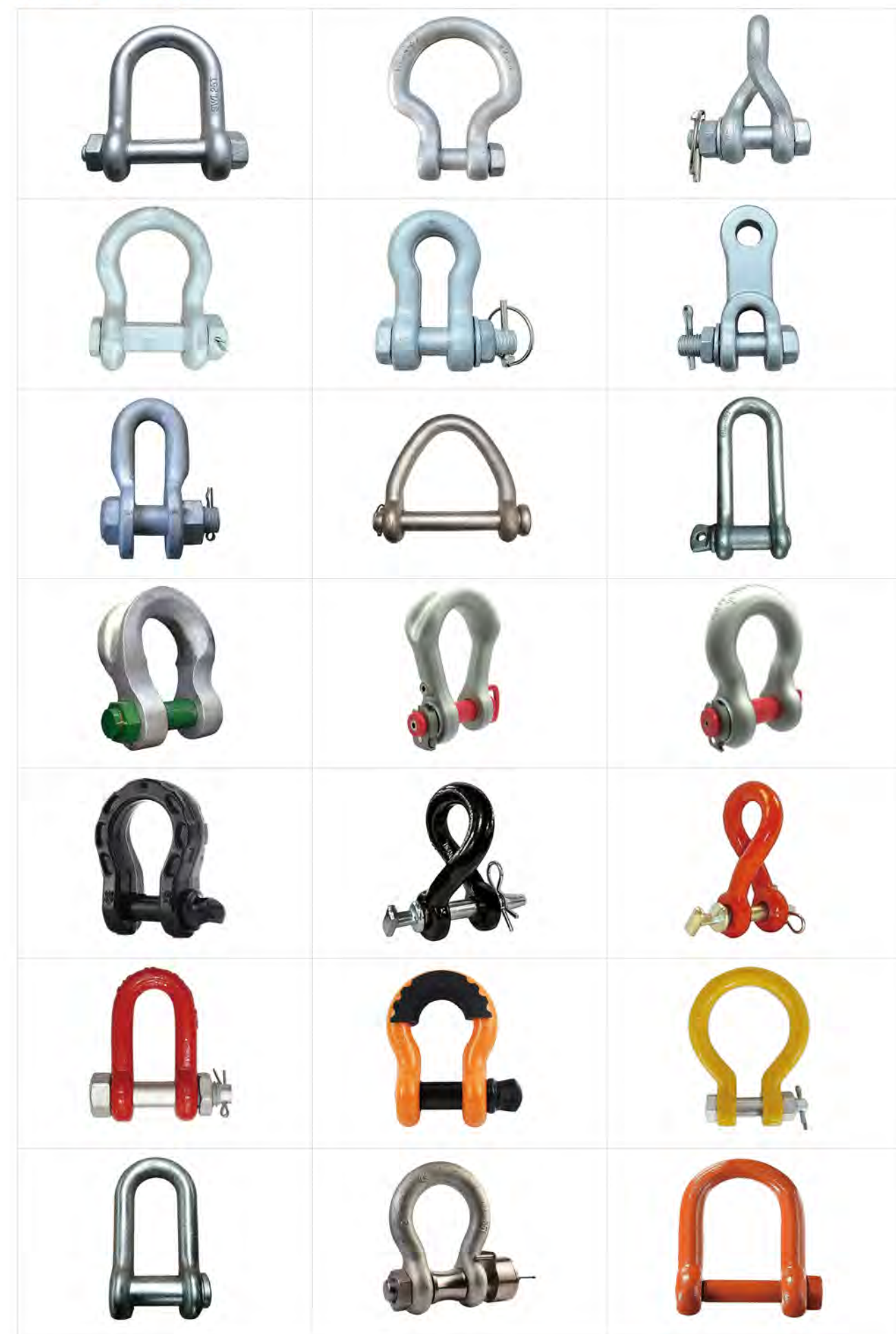


YXR1118

| ITEM NO.   | SIZE | WLL (T) | DIMENSIONS (MM) |    |     |     |      |       | TOL. +/- |
|------------|------|---------|-----------------|----|-----|-----|------|-------|----------|
|            |      |         | T               | D  | B   | D   | D1   | L     |          |
| YXR1118-01 | SB20 | 2.5     | 20              | 20 | 31  | 50  | 24   | 67.5  | 5%       |
| YXR1118-02 | SB22 | 3       | 22              | 22 | 34  | 55  | 26   | 103   | 5%       |
| YXR1118-03 | SB24 | 3.6     | 24              | 24 | 39  | 62  | 30   | 110.3 | 5%       |
| YXR1118-04 | SB26 | 4.2     | 26              | 26 | 41  | 66  | 32   | 118.5 | 5%       |
| YXR1118-05 | SB28 | 4.8     | 28              | 28 | 43  | 70  | 34   | 126.5 | 5%       |
| YXR1118-06 | SB30 | 5.4     | 30              | 30 | 45  | 75  | 36   | 134.5 | 5%       |
| YXR1118-07 | SB32 | 6.2     | 32              | 32 | 48  | 80  | 38   | 147.5 | 5%       |
| YXR1118-08 | SB34 | 7       | 34              | 34 | 50  | 85  | 39.5 | 155.5 | 5%       |
| YXR1118-09 | SB36 | 8       | 36              | 36 | 54  | 90  | 41.5 | 168.5 | 5%       |
| YXR1118-10 | SB38 | 9       | 38              | 38 | 57  | 95  | 46   | 174.5 | 5%       |
| YXR1118-11 | SB40 | 10      | 40              | 40 | 60  | 100 | 48   | 187.5 | 5%       |
| YXR1118-12 | SB42 | 11      | 42              | 42 | 63  | 105 | 51   | 190.5 | 5%       |
| YXR1118-13 | SB44 | 12      | 44              | 44 | 66  | 110 | 54   | 202   | 5%       |
| YXR1118-14 | SB46 | 13      | 46              | 46 | 68  | 115 | 56   | 211   | 5%       |
| YXR1118-15 | SB48 | 14      | 48              | 48 | 72  | 120 | 58   | 218   | 5%       |
| YXR1118-16 | SB50 | 15      | 50              | 50 | 75  | 125 | 60   | 226   | 5%       |
| YXR1118-17 | SB55 | 18      | 55              | 55 | 83  | 138 | 65   | 246.5 | 5%       |
| YXR1118-18 | SB60 | 22      | 60              | 60 | 90  | 150 | 70   | 274   | 5%       |
| YXR1118-19 | SB65 | 26      | 65              | 65 | 98  | 164 | 77   | 298.5 | 5%       |
| YXR1118-20 | SB70 | 30      | 70              | 70 | 105 | 178 | 83   | 317.5 | 5%       |
| YXR1118-21 | SB75 | 35      | 75              | 75 | 112 | 192 | 90   | 341   | 5%       |
| YXR1118-22 | SB80 | 40      | 80              | 80 | 120 | 206 | 96   | 365   | 5%       |
| YXR1118-23 | SB85 | 45      | 85              | 85 | 128 | 220 | 102  | 388   | 5%       |
| YXR1118-24 | SB90 | 50      | 90              | 90 | 135 | 232 | 108  | 418   | 5%       |

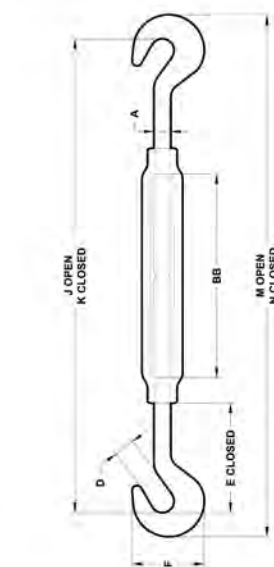
◆ Minimum Ultimate Load is 4 times the Working Load Limit.

## OTHER SHACKLE



# WIRE ROPE END FITTINGS

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

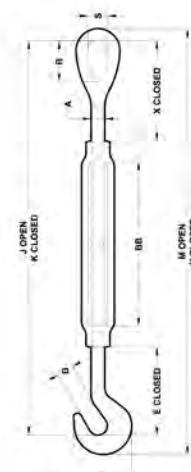


YXR1200

## US TYPE FORGED TURNBUCKLE WITH HOOK & HOOK

| ITEM NO.   | THREAD DIA. & TAKE UP (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |      |      |       |       |       |       |     |  |
|------------|----------------------------|-----------|----------|-----------------|------|------|------|-------|-------|-------|-------|-----|--|
|            |                            |           |          | A               | D    | E    | F    | J     | K     | M     | N     | BB  |  |
| YXR1200-01 | 1/4 × 4                    | 400       | 0.3      | 0.25            | 0.45 | 1.59 | 1.27 | 11.12 | 7.12  | 11.94 | 7.94  | 4   |  |
| YXR1200-02 | 5/16 × 4-1/2               | 700       | 0.47     | 0.31            | 0.50 | 1.94 | 1.5  | 12.81 | 8.31  | 13.81 | 9.31  | 4.5 |  |
| YXR1200-03 | 3/8 × 6                    | 1000      | 0.78     | 0.38            | 0.56 | 2.3  | 1.77 | 16.5  | 10.5  | 17.72 | 11.72 | 6   |  |
| YXR1200-04 | 1/2 × 6                    | 1500      | 1.6      | 0.50            | 0.65 | 2.94 | 2.28 | 18.82 | 11.82 | 20.38 | 13.38 | 6   |  |
| YXR1200-05 | 1/2 × 12                   | 1500      | 2.28     | 0.50            | 0.65 | 2.94 | 2.28 | 30.82 | 17.82 | 32.38 | 19.38 | 12  |  |
| YXR1200-06 | 5/8 × 6                    | 2250      | 2.75     | 0.63            | 0.90 | 3.69 | 2.81 | 20.5  | 13.25 | 22.5  | 15.25 | 6   |  |
| YXR1200-07 | 5/8 × 12                   | 2250      | 3.5      | 0.63            | 0.90 | 3.69 | 2.81 | 32.5  | 19.25 | 34.5  | 21.25 | 12  |  |
| YXR1200-08 | 3/4 × 6                    | 3000      | 3.89     | 0.75            | 0.98 | 4.52 | 3.33 | 22.38 | 14.88 | 24.78 | 17.28 | 6   |  |
| YXR1200-09 | 3/4 × 12                   | 3000      | 5.43     | 0.75            | 0.98 | 4.52 | 3.33 | 34.38 | 20.88 | 36.78 | 23.28 | 12  |  |
| YXR1200-10 | 3/4 × 18                   | 3000      | 8.12     | 0.75            | 0.98 | 4.52 | 3.33 | 46.38 | 26.88 | 48.78 | 29.28 | 18  |  |
| YXR1200-11 | 7/8 × 12                   | 4000      | 8.1      | 0.88            | 1.13 | 5.19 | 3.78 | 36    | 22.25 | 38.75 | 25.00 | 12  |  |
| YXR1200-12 | 1 × 12                     | 5000      | 11.93    | 1.00            | 1.25 | 5.84 | 4.25 | 37.63 | 23.63 | 40.69 | 26.69 | 12  |  |
| YXR1200-13 | 1 × 18                     | 5000      | 14       | 1.00            | 1.25 | 5.84 | 4.25 | 49.63 | 29.63 | 52.69 | 32.69 | 18  |  |
| YXR1200-14 | 1 × 24                     | 5000      | 17.25    | 1.00            | 1.25 | 5.84 | 4.25 | 61.63 | 35.63 | 64.69 | 38.69 | 24  |  |
| YXR1200-15 | 1-1/4 × 12                 | 6500      | 20.58    | 1.25            | 1.50 | 7.22 | 5.13 | 40.44 | 25.94 | 44.06 | 29.56 | 12  |  |
| YXR1200-16 | 1-1/4 × 18                 | 6500      | 23       | 1.25            | 1.50 | 7.22 | 5.13 | 52.44 | 31.94 | 56.06 | 35.56 | 18  |  |
| YXR1200-17 | 1-1/4 × 24                 | 6500      | 27       | 1.25            | 1.50 | 7.22 | 5.13 | 64.44 | 37.94 | 68.06 | 41.56 | 24  |  |
| YXR1200-18 | 1-1/2 × 12                 | 7500      | 27.5     | 1.5             | 1.88 | 8.34 | 5.75 | 43.94 | 28.94 | 47.44 | 32.44 | 12  |  |
| YXR1200-19 | 1-1/2 × 18                 | 7500      | 31       | 1.5             | 1.88 | 8.34 | 5.75 | 55.96 | 34.94 | 59.44 | 38.44 | 18  |  |
| YXR1200-20 | 1-1/2 × 24                 | 7500      | 37.5     | 1.5             | 1.88 | 8.34 | 5.75 | 67.94 | 40.94 | 71.44 | 44.44 | 24  |  |

◆ Minimum Ultimate Load is 6 times the Working Load Limit.



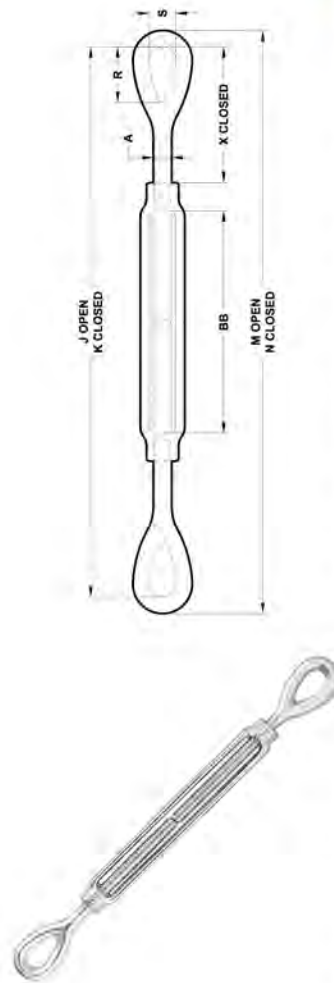
YXR1201

## US TYPE FORGED TURNBUCKLE WITH HOOK & EYE

| ITEM NO.   | THREAD DIA. & TAKE UP (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |      |      |       |       |       |       |      |      |      |     |  |
|------------|----------------------------|-----------|----------|-----------------|------|------|------|-------|-------|-------|-------|------|------|------|-----|--|
|            |                            |           |          | A               | D    | E    | F    | J     | K     | M     | N     | R    | S    | X    | BB  |  |
| YXR1201-01 | 1/4 × 4                    | 400       | 0.29     | 0.25            | 0.45 | 1.59 | 1.27 | 11.46 | 7.46  | 12.09 | 8.09  | 0.78 | 0.34 | 1.75 | 4   |  |
| YXR1201-02 | 5/16 × 4-1/2               | 700       | 0.49     | 0.31            | 0.50 | 1.94 | 1.5  | 13.19 | 8.69  | 13.47 | 9.47  | 0.94 | 0.44 | 2.09 | 4.5 |  |
| YXR1201-03 | 3/8 × 6                    | 1000      | 0.78     | 0.38            | 0.56 | 2.3  | 1.77 | 16.98 | 10.98 | 17.94 | 11.94 | 1.12 | 0.53 | 2.52 | 6   |  |
| YXR1201-04 | 1/2 × 6                    | 1500      | 1.61     | 0.50            | 0.65 | 2.94 | 2.28 | 19.45 | 12.45 | 20.67 | 13.67 | 1.44 | 0.72 | 3.23 | 6   |  |
| YXR1201-05 | 1/2 × 12                   | 1500      | 2.26     | 0.50            | 0.65 | 2.94 | 2.28 | 31.45 | 18.45 | 32.67 | 19.67 | 1.44 | 0.72 | 3.23 | 12  |  |
| YXR1201-06 | 5/8 × 6                    | 2250      | 2.70     | 0.63            | 0.90 | 3.69 | 2.81 | 21.96 | 13.96 | 22.72 | 15.47 | 1.75 | 0.88 | 3.9  | 6   |  |
| YXR1201-07 | 5/8 × 12                   | 2250      | 3.78     | 0.63            | 0.90 | 3.69 | 2.81 | 33.21 | 19.96 | 34.72 | 21.47 | 1.75 | 0.88 | 3.9  | 12  |  |
| YXR1201-08 | 3/4 × 6                    | 3000      | 3.89     | 0.75            | 0.98 | 4.52 | 3.33 | 23.13 | 15.63 | 24.95 | 17.45 | 2.09 | 1    | 4.69 | 6   |  |
| YXR1201-09 | 3/4 × 12                   | 3000      | 5.83     | 0.75            | 0.98 | 4.52 | 3.33 | 35.13 | 21.63 | 36.95 | 23.45 | 2.09 | 1    | 4.69 | 12  |  |
| YXR1201-10 | 3/4 × 18                   | 3000      | 8.33     | 0.75            | 0.98 | 4.52 | 3.33 | 47.13 | 27.63 | 48.95 | 29.45 | 2.09 | 1    | 4.69 | 18  |  |
| YXR1201-11 | 7/8 × 12                   | 4000      | 8.1      | 0.88            | 1.13 | 5.19 | 3.78 | 36.53 | 22.78 | 38.66 | 24.91 | 2.38 | 1.25 | 5.1  | 12  |  |
| YXR1201-12 | 1 × 12                     | 5000      | 11.93    | 1.00            | 1.25 | 5.84 | 4.25 | 38.8  | 24.8  | 41.2  | 27.2  | 3    | 1.44 | 6.36 | 12  |  |
| YXR1201-13 | 1 × 18                     | 5000      | 14       | 1.00            | 1.25 | 5.84 | 4.25 | 50.8  | 30.8  | 53.2  | 33.2  | 3    | 1.44 | 6.36 | 18  |  |
| YXR1201-14 | 1 × 24                     | 5000      | 17.25    | 1.00            | 1.25 | 5.84 | 4.25 | 62.8  | 36.8  | 65.2  | 39.2  | 3    | 1.44 | 6.36 | 24  |  |
| YXR1201-15 | 1-1/4 × 12                 | 6500      | 19       | 1.25            | 1.50 | 7.22 | 5.13 | 41.63 | 27.13 | 44.56 | 30.06 | 3.56 | 1.81 | 7.72 | 12  |  |
| YXR1201-16 | 1-1/4 × 18                 | 6500      | 23       | 1.25            | 1.50 | 7.22 | 5.13 | 53.63 | 33.13 | 56.56 | 36.06 | 3.56 | 1.81 | 7.72 | 18  |  |
| YXR1201-17 | 1-1/4 × 24                 | 6500      | 24       | 1.25            | 1.50 | 7.22 | 5.13 | 65.63 | 39.13 | 68.56 | 42.06 | 3.56 | 1.81 | 7.72 | 24  |  |
| YXR1201-18 | 1-1/2 × 12                 | 7500      | 27.5     | 1.5             | 1.88 | 8.34 | 5.75 | 44.72 | 29.72 | 47.72 | 32.72 | 4.06 | 2.12 | 8.62 | 12  |  |
| YXR1201-19 | 1-1/2 × 18                 | 7500      | 31       | 1.5             | 1.88 | 8.34 | 5.75 | 59.72 | 35.72 | 59.72 | 38.72 | 4.06 | 2.12 | 8.62 | 18  |  |
| YXR1201-20 | 1-1/2 × 24                 | 7500      | 37.5     | 1.5             | 1.88 | 8.34 | 5.75 | 71.72 | 41.72 | 71.72 | 44.72 | 4.06 | 2.12 | 8.62 | 24  |  |

◆ Minimum Ultimate Load is 6 times the Working Load Limit.

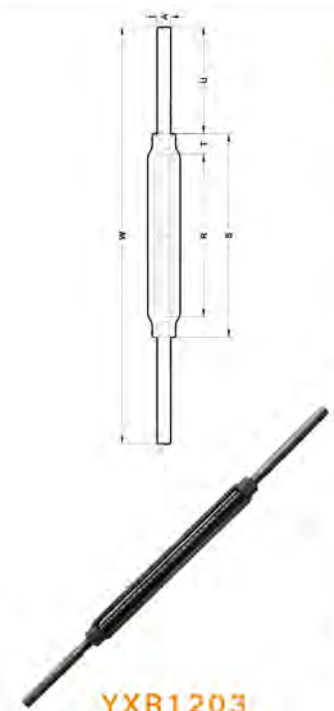
## US TYPE FORGED TURNBUCKLE WITH EYE & EYE



YXR1202

| ITEM NO.   | THREAD DIA. & TAKE UP (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |        |          |        |          |      |      |          |       |  |  |
|------------|----------------------------|-----------|----------|-----------------|--------|----------|--------|----------|------|------|----------|-------|--|--|
|            |                            |           |          | A               | J OPEN | K CLOSED | M OPEN | N CLOSED | R    | S    | X CLOSED | BB    |  |  |
| YXR1202-01 | 1/4 x 4                    | 500       | 0.29     | 0.25            | 11.94  | 7.94     | 12.38  | 8.38     | 0.81 | 0.34 | 1.76     | 4.07  |  |  |
| YXR1202-02 | 5/16 x 4-1/2               | 800       | 0.48     | 0.31            | 13.92  | 9.42     | 14.48  | 9.98     | 0.95 | 0.44 | 2.20     | 4.58  |  |  |
| YXR1202-03 | 3/8 x 6                    | 1200      | 0.75     | 0.38            | 17.56  | 11.56    | 18.24  | 12.24    | 1.13 | 0.53 | 2.48     | 6.10  |  |  |
| YXR1202-04 | 1/2 x 6                    | 2200      | 1.72     | 0.50            | 19.94  | 13.94    | 20.82  | 14.82    | 1.41 | 0.71 | 3.56     | 6.03  |  |  |
| YXR1202-05 | 1/2 x 12                   | 2200      | 2.63     | 0.50            | 32.23  | 20.23    | 33.11  | 21.11    | 1.41 | 0.71 | 3.54     | 12.36 |  |  |
| YXR1202-06 | 5/8 x 6                    | 3500      | 2.75     | 0.63            | 21.72  | 15.72    | 22.72  | 16.72    | 1.80 | 0.88 | 4.35     | 6.03  |  |  |
| YXR1202-07 | 5/8 x 12                   | 3500      | 4.12     | 0.63            | 34.06  | 22.06    | 35.06  | 23.06    | 1.80 | 0.88 | 4.34     | 12.39 |  |  |
| YXR1202-08 | 3/4 x 6                    | 5200      | 4.22     | 0.75            | 23.24  | 17.24    | 24.50  | 18.50    | 2.09 | 1.00 | 5.12     | 6.13  |  |  |
| YXR1202-09 | 3/4 x 12                   | 3500      | 6.12     | 0.75            | 35.64  | 23.64    | 36.90  | 24.90    | 2.09 | 1.00 | 5.09     | 12.59 |  |  |
| YXR1202-10 | 3/4 x 18                   | 3500      | 7.83     | 0.75            | 47.64  | 29.64    | 48.90  | 30.90    | 2.09 | 1.00 | 5.12     | 18.53 |  |  |
| YXR1202-11 | 7/8 x 12                   | 7200      | 8.83     | 0.88            | 36.70  | 24.70    | 38.20  | 26.20    | 2.38 | 1.25 | 5.79     | 12.16 |  |  |
| YXR1202-12 | 7/8 x 18                   | 7200      | 11.5     | 0.88            | 49.17  | 31.17    | 50.67  | 32.67    | 2.38 | 1.25 | 5.79     | 18.63 |  |  |
| YXR1202-13 | 1 x 6                      | 10000     | 9.62     | 1.00            | 26.24  | 20.24    | 28.00  | 22.00    | 3.00 | 1.43 | 6.50     | 6.18  |  |  |
| YXR1202-14 | 1 x 12                     | 10000     | 13.0     | 1.00            | 38.24  | 26.24    | 40.00  | 28.00    | 3.00 | 1.43 | 6.50     | 12.18 |  |  |
| YXR1202-15 | 1 x 18                     | 10000     | 16.3     | 1.00            | 50.24  | 32.24    | 52.00  | 34.00    | 3.00 | 1.43 | 6.50     | 18.18 |  |  |
| YXR1202-16 | 1 x 24                     | 10000     | 20.2     | 1.00            | 62.84  | 38.84    | 64.60  | 40.60    | 3.00 | 1.43 | 6.47     | 24.84 |  |  |
| YXR1202-17 | 1-1/4 x 12                 | 15200     | 19.9     | 1.25            | 42.14  | 30.14    | 44.38  | 32.38    | 3.59 | 1.82 | 8.49     | 12.06 |  |  |
| YXR1202-18 | 1-1/4 x 18                 | 15200     | 23.8     | 1.25            | 54.14  | 36.14    | 56.38  | 38.38    | 3.59 | 1.82 | 8.49     | 18.06 |  |  |
| YXR1202-19 | 1-1/4 x 24                 | 15200     | 27.8     | 1.25            | 66.70  | 42.70    | 68.94  | 44.94    | 3.59 | 1.82 | 8.49     | 24.62 |  |  |
| YXR1202-20 | 1-1/2 x 12                 | 21400     | 28.7     | 1.50            | 44.24  | 32.24    | 46.74  | 34.74    | 4.09 | 2.12 | 9.46     | 12.32 |  |  |
| YXR1202-21 | 1-1/2 x 18                 | 21400     | 34.1     | 1.50            | 56.24  | 38.24    | 58.74  | 40.74    | 4.09 | 2.12 | 9.46     | 18.32 |  |  |
| YXR1202-22 | 1-1/2 x 24                 | 21400     | 39.6     | 1.50            | 68.86  | 44.86    | 71.36  | 47.36    | 4.65 | 2.12 | 9.46     | 24.94 |  |  |
| YXR1202-23 | 1-3/4 x 18                 | 28000     | 58.2     | 1.75            | 57.38  | 39.38    | 60.38  | 42.38    | 4.65 | 2.38 | 9.97     | 18.37 |  |  |
| YXR1202-24 | 1-3/4 x 24                 | 28000     | 174      | 1.75            | 69.38  | 45.38    | 72.38  | 48.38    | 4.65 | 2.38 | 9.97     | 24.37 |  |  |
| YXR1202-25 | 2 x 24                     | 37000     | 83.5     | 2.00            | 75.68  | 51.68    | 79.18  | 55.18    | 5.81 | 2.69 | 13.03    | 24.48 |  |  |
| YXR1202-26 | 2-1/2 x 24                 | 60000     | 149      | 2.50            | 79.18  | 55.18    | 83.18  | 59.18    | 6.49 | 3.12 | 13.76    | 24.60 |  |  |
| YXR1202-27 | 2-3/4 x 24                 | 75000     | 194      | 2.75            | 81.34  | 57.34    | 85.84  | 61.84    | 7.00 | 3.25 | 15.09    | 24.65 |  |  |

◆ Minimum ultimate load is 5 times the Working Load Limit.

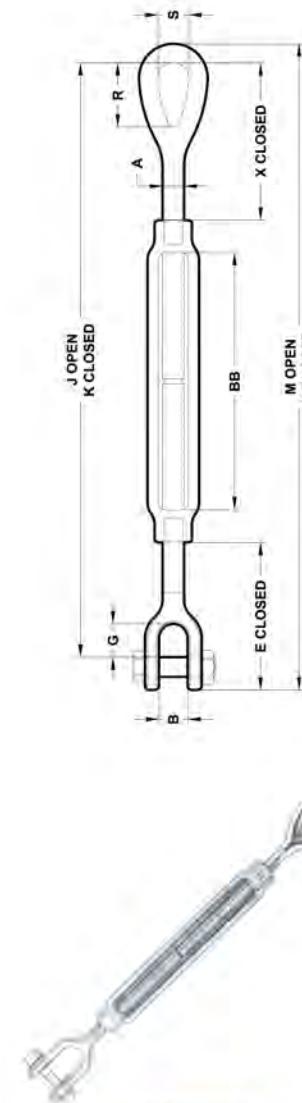


YXR1203

## US TYPE FORGED TURNBUCKLE WITH STUB END

| ITEM NO.   | THREAD DIA. & TAKE UP (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |       |      |      |       |  |
|------------|----------------------------|-----------|----------|-----------------|------|-------|------|------|-------|--|
|            |                            |           |          | A               | R    | S     | T    | U    | W     |  |
| YXR1203-01 | 3/8 x 6                    | 1200      | 0.75     | 0.38            | 6.00 | 7.13  | 0.56 | 4.44 | 16.00 |  |
| YXR1203-02 | 1/2 x 6                    | 2200      | 1.25     | 0.50            | 6.00 | 7.50  | 0.75 | 4.25 | 16.00 |  |
| YXR1203-03 | 5/8 x 6                    | 3500      | 2.11     | 0.63            | 6.00 | 7.88  | 0.94 | 4.06 | 16.00 |  |
| YXR1203-04 | 3/4 x 6                    | 5200      | 3.27     | 0.75            | 6.00 | 8.25  | 1.13 | 4.38 | 17.00 |  |
| YXR1203-05 | 7/8 x 6                    | 7200      | 4.78     | 0.88            | 6.00 | 8.63  | 1.31 | 4.69 | 18.00 |  |
| YXR1203-06 | 1 x 6                      | 10000     | 6.36     | 1.00            | 6.00 | 9.00  | 1.50 | 5.00 | 19.00 |  |
| YXR1203-07 | 1 x 12                     | 10000     | 8.80     | 1.00            | 12.0 | 15.0  | 1.50 | 5.00 | 25.00 |  |
| YXR1203-08 | 1-1/8 x 6                  | 12400     | 8.88     | 1.13            | 6.00 | 9.13  | 1.56 | 4.94 | 19.00 |  |
| YXR1203-09 | 1-1/4 x 6                  | 15200     | 10.18    | 1.25            | 6.00 | 9.13  | 1.56 | 5.44 | 20.00 |  |
| YXR1203-10 | 1-1/4 x 12                 | 15200     | 13.60    | 1.25            | 12.0 | 15.12 | 1.56 | 5.44 | 26.00 |  |
| YXR1203-11 | 1-1/2 x 12                 | 21400     | 20.44    | 1.50            | 12.0 | 15.75 | 1.88 | 5.38 | 26.50 |  |

◆ Minimum ultimate load is 5 times the Working Load Limit.



YXR1204

## US TYPE FORGED TURNBUCKLE WITH JAW & EYE

| ITEM NO.   | THREAD DIA. & TAKE UP (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |          |      |        |          |        |          |      |      |          |       |  |  |
|------------|----------------------------|-----------|----------|-----------------|------|----------|------|--------|----------|--------|----------|------|------|----------|-------|--|--|
|            |                            |           |          | A               | B    | E CLOSED | G    | J OPEN | K CLOSED | M OPEN | N CLOSED | R    | S    | X CLOSED | BB    |  |  |
| YXR1204-01 | 1/4 x 4                    | 500       | 0.33     | 0.25            | 0.25 | 1.66     | 0.64 | 11.57  | 7.57     | 12.28  | 12.28    | 0.81 | 0.34 | 1.76     | 4.07  |  |  |
| YXR1204-02 | 5/16 x 4-1/2               | 800       | 0.52     | 0.52            | 0.31 | 2.02     | 0.87 | 13.50  | 9.00     | 14.30  | 14.30    | 0.95 | 0.44 | 2.20     | 4.58  |  |  |
| YXR1204-03 | 3/8 x 6                    | 1200      | 0.80     | 0.80            | 0.38 | 2.11     | 0.85 | 16.91  | 10.91    | 17.87  | 17.87    | 1.13 | 0.53 | 2.48     | 6.10  |  |  |
| YXR1204-04 | 1/2 x 6                    | 2200      | 1.77     | 1.77            | 0.50 | 3.22     | 1.07 | 19.30  | 13.30    | 20.48  | 20.48    | 1.41 | 0.71 | 3.56     | 6.03  |  |  |
| YXR1204-05 | 1/2 x 9                    | 2200      | 2.25     | 2.25            | 0.50 | 3.20     | 1.07 | 25.59  | 16.59    | 26.77  | 26.77    | 1.41 | 0.71 | 3.54     | 9.36  |  |  |
| YXR1204-06 | 1/2 x 12                   | 2200      | 2.67     | 2.67            | 0.50 | 3.20     | 1.07 | 31.59  | 19.59    | 32.77  | 32.77    | 1.41 | 0.71 | 3.54     | 12.36 |  |  |
| YXR1204-07 | 5/8 x 6                    | 3500      | 2.98     | 2.98            | 0.63 | 3.90     | 1.32 | 20.73  | 14.73    | 22.27  | 22.27    | 1.80 | 0.88 | 4.35     | 6.03  |  |  |
| YXR1204-08 | 5/8 x 9                    | 3500      | 3.72     | 3.72            | 0.63 | 3.89     | 1.32 | 27.07  | 18.07    | 28.61  | 28.61    | 1.80 | 0.88 | 4.34     | 9.39  |  |  |
| YXR1204-09 | 5/8 x 12                   | 3500      | 4.35     | 4.35            | 0.63 | 3.89     | 1.32 | 33.07  | 21.07    | 34.61  | 34.61    | 1.80 | 0.88 | 4.34     | 12.39 |  |  |
| YXR1204-10 | 3/4 x 6                    | 5200      | 4.51     | 4.51            | 0.75 | 4.71     | 1.52 | 22.17  | 16.17    | 24.09  | 24.09    | 2.09 | 1.00 | 5.12     | 6.13  |  |  |
| YXR1204-11 | 3/4 x 9                    | 3500      | 5.56     | 5.56            | 0.75 | 4.68     | 1.52 | 28.57  | 19.57    | 30.49  | 30.49    | 2.09 | 1.00 | 5.09     | 9.59  |  |  |
| YXR1204-12 | 3/4 x 12                   | 3500      | 6.42     | 6.42            | 0.75 | 4.68     | 1.52 | 34.57  | 22.57    | 36.49  | 36.49    | 2.09 | 1.00 | 5.09     | 12.59 |  |  |
| YXR1204-13 | 3/4 x 18                   | 3500      | 8.14     | 8.14            | 0.75 | 4.71     | 1.52 | 46.57  | 28.57    | 48.49  | 48.49    | 2.09 | 1.00 | 5.12     | 18.53 |  |  |
| YXR1204-14 | 7/8 x 12                   | 7200      | 9.10     | 9.10            | 0.88 | 5.50     | 1.77 | 35.68  | 23.68    | 37.91  | 37.91    | 2.38 | 1.25 | 5.79     | 12.16 |  |  |
| YXR1204-15 | 7/8 x 18                   | 7200      | 11.6     | 11.6            | 0.88 | 5.50     | 1.77 | 48.15  | 30.15    | 50.38  | 50.38    | 2.38 | 1.25 | 5.79     | 18.63 |  |  |
| YXR1204-16 | 1 x 6                      | 10000     | 10.0     | 10.0            | 1.00 | 6.09     | 2.05 | 25.03  | 19.03    | 27.59  | 27.59    | 3.00 | 1.43 | 6.50     | 6.18  |  |  |
| YXR1204-17 | 1 x 12                     | 10000     | 13.4     | 13.4            | 1.00 | 6.09     | 2.05 | 37.03  | 25.03    | 39.59  | 39.59    | 3.00 | 1.43 | 6.50     | 12.18 |  |  |
| YXR1204-18 | 1 x 18                     | 10000     | 16.7     | 16.7            | 1.00 | 6.09     | 2.05 | 49.03  | 31.03    | 51.59  | 51.59    | 3.00 | 1.43 | 6.50     | 18.18 |  |  |
| YXR1204-19 | 1 x 24                     | 10000     | 20.6     | 20.6            | 1.00 | 6.06     | 2.05 | 61.63  | 37.63    | 64.19  | 64.19    | 3.00 | 1.43 | 6.47     | 24.84 |  |  |
| YXR1204-20 | 1-1/4 x 12                 | 15200     | 20.9     | 20.9            | 1.84 | 8.09     | 2.82 | 40.76  | 28.76    | 43.98  | 43.98    | 3.59 | 1.82 | 8.49     | 12.06 |  |  |
| YXR1204-21 | 1-1/4 x 18                 | 15200     | 24.8     | 24.8            | 1.84 | 8.09     | 2.82 | 52.76  | 34.76    | 55.98  | 55.98    | 3.59 | 1.82 | 8.49     | 18.06 |  |  |
| YXR1204-22 | 1-1/4 x 24                 | 15200     | 28.8     | 28.8            | 1.84 | 8.09     | 2.82 | 65.32  | 41.32    | 68.54  | 68.54    | 3.59 | 1.82 | 8.49     | 24.62 |  |  |
| YXR1204-23 | 1-1/2 x 12                 | 21400     | 30.6     | 30.6            | 2.06 | 8.93     | 2.81 | 42.50  | 30.50    | 46.21  | 46.21    | 4.09 | 2.12 | 9.46     | 12.32 |  |  |
| YXR1204-24 | 1-1/2 x 18                 | 21400     | 36.0     | 36.0            | 2.06 | 8.93     | 2.81 | 54.50  | 36.50    | 58.21  | 58.21    | 4.09 | 2.12 | 9.46     | 18.32 |  |  |
| YXR1204-25 | 1-1/2 x 24                 | 21400     | 41.5     | 41.5            | 2.06 | 8.93     | 2.81 | 67.12  | 43.12    | 70.83  | 70.83    | 4.09 | 2.12 | 9.46     | 24.94 |  |  |
| YXR1204-26 | 1-3/4 x 18                 | 28000     | 52.1     | 52.1            | 2.60 | 9.36     | 3.35 | 55.37  | 37.37    | 59.77  | 59.77    | 4.65 | 2.38 | 9.97     | 18.37 |  |  |
| YXR1204-27 | 1-3/4 x 24                 | 28000     | 59.7     | 59.7            | 2.60 | 9.36     | 3.35 | 67.37  | 43.37    | 71.77  | 71.77    | 4.65 | 2.38 | 9.97     | 24.37 |  |  |
| YXR1204-28 | 2 x 24                     | 37000     | 89.9     | 89.9            | 2.62 | 11.80    | 3.74 | 72.66  | 48.66    | 77.95  | 77.95    | 5.81 | 2.69 | 13.03    | 24.48 |  |  |
| YXR1204-29 | 2-1/2 x 24                 | 60000     | 158      | 158             | 3.06 | 13.26    | 4.44 | 76.08  | 52.08    | 82.68  | 82.68    | 6.49 | 3.12 | 13.76    | 24.60 |  |  |
| YXR1204-30 | 2-3/4 x 24                 | 75000     | 197      | 187             | 3.69 | 14.92    | 4.19 | 78.05  | 54.05    | 85.67  | 85.67    | 7.00 | 3.25 | 15.09    | 24.65 |  |  |

US TYPE FORGED TURNBUCKLE BODY

◆ Minimum Unimale road is 5 times the Working road (mi).

◆ <http://www.dailymotion.com/video/x1080>

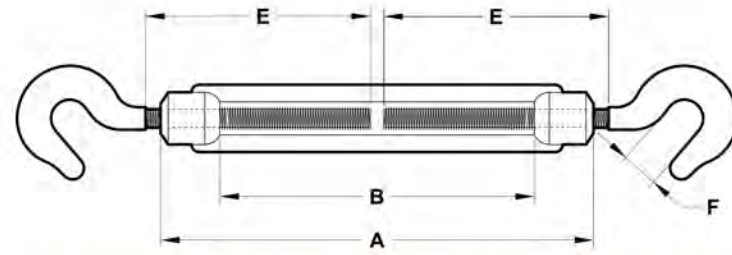


◆ Minimum Ultimate load is 5 times the Working load limit.

◆ **Optimum Ultimate Load** is 4 times the Working Load limit.



YXR1210



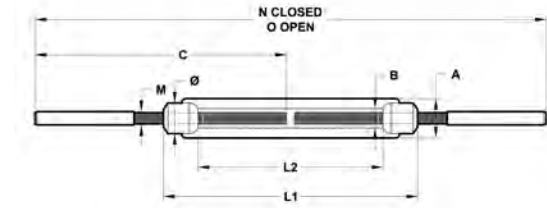
#### DIN1480 TURNBUCKLES, TYPE HOOK AND HOOK

| ITEM NO.   | SIZE (MM) | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |     |     |      |
|------------|-----------|---------|-------------|-----------------|-----|-----|------|
|            |           |         |             | A               | B   | E   | F    |
| YXR1210-01 | M6        | 0.075   | 0.086       | 110             | 86  | 53  | 9.5  |
| YXR1210-02 | M8        | 0.165   | 0.156       | 110             | 80  | 55  | 10   |
| YXR1210-03 | M10       | 0.235   | 0.29        | 125             | 89  | 65  | 13.5 |
| YXR1210-04 | M12       | 0.32    | 0.42        | 125             | 83  | 70  | 16   |
| YXR1210-05 | M16       | 0.53    | 1.03        | 170             | 116 | 100 | 16   |
| YXR1210-06 | M20       | 0.73    | 1.64        | 200             | 130 | 105 | 18   |
| YXR1210-07 | M22       | 1.12    | 2.12        | 220             | 148 | 115 | 22   |
| YXR1210-08 | M24       | 1.55    | 3.16        | 255             | 177 | 130 | 28   |
| YXR1210-09 | M30       | 2.24    | 6.28        | 255             | 165 | 145 | 33   |
| YXR1210-10 | M36       | 3.26    | 10.01       | 295             | 185 | 155 | 41   |
| YXR1210-11 | M42       | 3.675   | 15.14       | 330             | 204 | 175 | 45   |
| YXR1210-12 | M48       | 6.86    | 25.09       | 355             | 199 | 185 | 54   |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1212



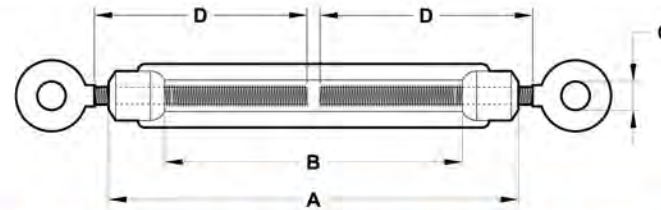
#### DIN1480 TURNBUCKLES, STUB ENDS

| ITEM NO.   | SIZE (M) | DIMENSIONS (MM) |    |     |     |     |     |     |      |
|------------|----------|-----------------|----|-----|-----|-----|-----|-----|------|
|            |          | A               | B  | C   | N   | O   | L1  | L2  | Φ    |
| YXR1212-01 | M6       | 19              | 9  | 120 | 245 | 320 | 110 | 86  | 12   |
| YXR1212-02 | M8       | 23              | 11 | 120 | 245 | 315 | 110 | 80  | 15   |
| YXR1212-03 | M10      | 30              | 14 | 150 | 305 | 354 | 125 | 89  | 18   |
| YXR1212-04 | M12      | 34              | 18 | 150 | 305 | 378 | 125 | 83  | 21   |
| YXR1212-05 | M14      | 38              | 18 | 162 | 330 | 415 | 140 | 94  | 24.5 |
| YXR1212-0  | M16      | 42              | 20 | 220 | 445 | 545 | 170 | 110 | 27   |
| YXR1212-0  | M20      | 53              | 24 | 220 | 445 | 565 | 200 | 130 | 34   |
| YXR1212-08 | M22      | 56              | 26 | 220 | 445 | 583 | 220 | 148 | 37   |
| YXR1212-09 | M24      | 60              | 28 | 260 | 525 | 692 | 255 | 177 | 39   |
| YXR1212-10 | M30      | 74              | 34 | 260 | 525 | 650 | 255 | 165 | 45   |
| YXR1212-11 | M36      | 86              | 40 | 300 | 605 | 780 | 295 | 185 | 55   |
| YXR1212-12 | M42      | 104             | 50 | 350 | 705 | 900 | 330 | 204 | 63   |
| YXR1212-13 | M48      | 135             | 65 | 380 | 705 | 955 | 355 | 199 | 80   |
| YXR1212-14 | M56      | 135             | 65 | 380 | 705 | 955 | 355 | 199 | 80   |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1211



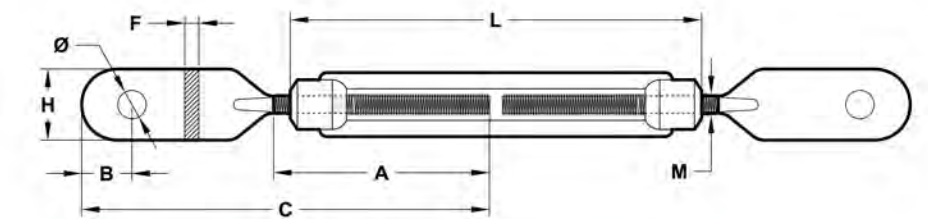
#### DIN1480 TURNBUCKLES, TYPE EYE AND EYE

| ITEM NO.   | SIZE (MM) | WLL (T) | WEIGHT (KG) | DIMENSIONS (MM) |     |      |       |
|------------|-----------|---------|-------------|-----------------|-----|------|-------|
|            |           |         |             | A               | B   | C    | D     |
| YXR1211-01 | M6        | 0.075   | 0.086       | 110             | 86  | 9.5  | 53    |
| YXR1211-02 | M8        | 0.41    | 0.156       | 110             | 80  | 11   | 55    |
| YXR1211-03 | M10       | 0.65    | 0.29        | 125             | 89  | 14.5 | 65    |
| YXR1211-04 | M12       | 0.93    | 0.42        | 125             | 83  | 17   | 66    |
| YXR1211-0  | M14       | 1.33    | 0.635       | 140             | 94  | 18   | 83    |
| YXR1211-0  | M16       | 1.77    | 0.91        | 170             | 116 | 22   | 100   |
| YXR1211-07 | M20       | 2.7     | 1.64        | 200             | 130 | 24   | 100   |
| YXR1211-08 | M22       | 3.3     | 2.76        | 220             | 148 | 30   | 125   |
| YXR1211-09 | M24       | 3.92    | 3.38        | 255             | 177 | 26   | 132.5 |
| YXR1211-10 | M30       | 6.25    | 4.48        | 255             | 165 | 39   | 145   |
| YXR1211-11 | M36       | 9.1     | 8.65        | 295             | 185 | 44   | 155   |
| YXR1211-12 | M42       | 12.75   | 12.02       | 330             | 204 | 49   | 175   |
| YXR1211-13 | M48       | 16.8    | 20.21       | 355             | 199 | 58   | 185   |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1213



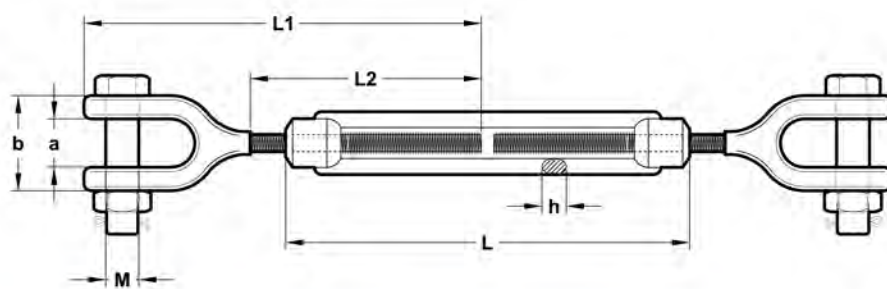
#### DIN1480 TURNBUCKLES WITH PLANE SCREWS

| ITEM NO.   | SIZE | WLL (T) | WT (KG) | DIMENSIONS (MM) |    |     |    |     |    |     |      |
|------------|------|---------|---------|-----------------|----|-----|----|-----|----|-----|------|
|            |      |         |         | A               | B  | C   | H  | M   | F  | P   | Φ    |
| YXR1213-01 | M12  | 1.67    | 1.1     | 70              | 35 | 210 | 40 | M12 | 7  | 77  | 18   |
| YXR1213-02 | M16  | 3.12    | 1.73    | 90              | 35 | 240 | 50 | M16 | 10 | 85  | 18   |
| YXR1213-03 | M20  | 4.86    | 2.58    | 100             | 35 | 255 | 50 | M20 | 10 | 91  | 18   |
| YXR1213-04 | M24  | 7       | 4.14    | 150             | 45 | 315 | 70 | M24 | 12 | 80  | 22   |
| YXR1213-05 | M27  | 9.1     | 5.4     | 150             | 50 | 320 | 70 | M27 | 15 | 80  | 22   |
| YXR1213-06 | M30  | 11.18   | 6.8     | 160             | 60 | 365 | 80 | M30 | 15 | 98  | 26   |
| YXR1213-07 | M36  | 16.2    | 10.87   | 220             | 60 | 425 | 80 | M36 | 20 | 100 | 29.5 |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1214



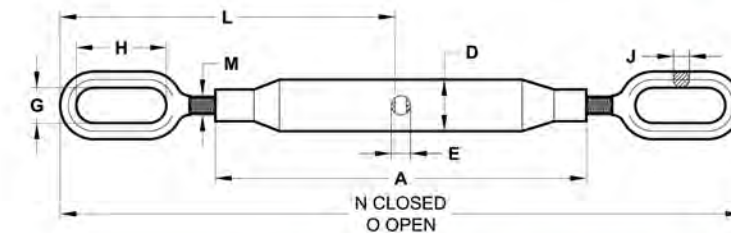
### DIN1480 TURNBUCKLES, TYPE JAW AND JAW

| ITEM NO.   | SIZE | DIMENSIONS (MM) |     |     |     |      |      |     |
|------------|------|-----------------|-----|-----|-----|------|------|-----|
|            |      | L               | H   | L1  | L2  | A    | B    | M   |
| YXR1214-01 | M10  | 125             | 9.5 | 135 | 78  | 12.5 | 27.5 | M10 |
| YXR1214-02 | M16  | 170             | 14  | 187 | 105 | 20   | 41   | M16 |
| YXR1214-03 | M20  | 200             | 17  | 205 | 115 | 23.5 | 46   | M20 |
| YXR1214-04 | M24  | 255             | 21  | 240 | 130 | 28   | 60   | M24 |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1216



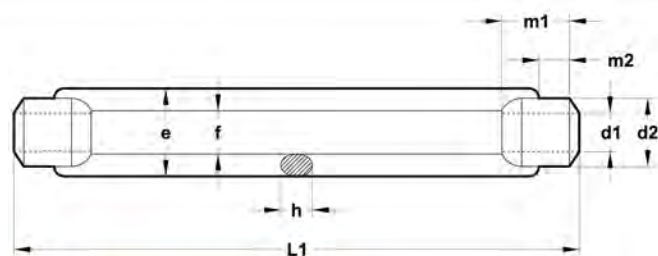
### DIN1478 RIGGING SCREWS, TYPE EYE AND EYE

| ITEM NO.   | SIZE | WT (KG) | DIMENSIONS (MM) |     |      |      |    |    |     |          |        |    |
|------------|------|---------|-----------------|-----|------|------|----|----|-----|----------|--------|----|
|            |      |         | M               | A   | D    | E    | G  | J  | L   | N CLOSED | O OPEN | H  |
| YXR1216-01 | M6   | 0.18    | M6×1            | 110 | 15   | 6    | 8  | 6  | 96  | 197      | 307    | 14 |
| YXR1216-02 | M8   | 0.38    | M8×1.25         | 110 | 17   | 8.5  | 8  | 8  | 109 | 223      | 333    | 20 |
| YXR1216-03 | M10  | 0.43    | M10×1.5         | 125 | 21   | 8.5  | 11 | 8  | 127 | 259      | 384    | 25 |
| YXR1216-04 | M12  | 0.9     | M12×1.75        | 125 | 25   | 10.5 | 14 | 11 | 182 | 369      | 494    | 36 |
| YXR1216-05 | M16  | 1.2     | M16×2           | 170 | 30   | 10.5 | 18 | 14 | 194 | 393      | 563    | 40 |
| YXR1216-06 | M20  | 2.02    | M20×2.5         | 200 | 33.5 | 12.5 | 22 | 16 | 204 | 413      | 613    | 55 |
| YXR1216-07 | M22  | 3.07    | M22×2.5         | 220 | 33.5 | 12.5 | 22 | 17 | 248 | 501      | 721    | 55 |
| YXR1216-08 | M24  | 3.9     | M24×3           | 255 | 42   | 12.5 | 25 | 19 | 292 | 589      | 844    | 57 |
| YXR1216-09 | M27  | 4.97    | M27×3           | 255 | 42   | 14.5 | 28 | 20 | 294 | 593      | 848    | 57 |
| YXR1216-10 | M33  | 6.83    | M33×3.5         | 255 | 57   | 16.5 | 34 | 25 | 320 | 645      | 900    | 64 |
| YXR1216-11 | M36  | 7.94    | M36×4           | 295 | 63   | 16.5 | 36 | 26 | 325 | 655      | 950    | 75 |
| YXR1216-12 | M42  | 14.08   | M42×4.5         | 330 | 70   | 20.5 | 38 | 27 | 356 | 717      | 1047   | 84 |
| YXR1216-13 | M48  | 17.48   | M48×5           | 355 | 83   | 20.5 | 44 | 37 | 404 | 813      | 1168   | 94 |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1215



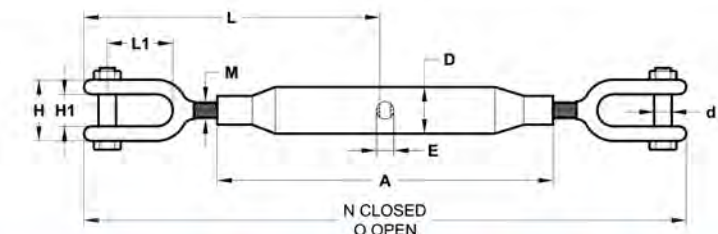
### DIN1480 TURNBUCKLES BODY

| ITEM NO.   | THREAD SIZE (D1) | DIMENSIONS (MM) |                      |    |     |    |    |    |    | WT 100PCS (KG) |
|------------|------------------|-----------------|----------------------|----|-----|----|----|----|----|----------------|
|            |                  | L1              | LENGTH OF ENGAGEMENT | D2 | E   | F  | H  | M1 | M2 |                |
| YXR1215-01 | M6               | 110             | 80                   | 12 | 19  | 9  | 6  | 12 | 6  | 5.5            |
| YXR1215-02 | M8               | 110             | 75                   | 15 | 23  | 11 | 8  | 15 | 8  | 9.5            |
| YXR1215-03 | M10              | 125             | 85                   | 18 | 30  | 14 | 9  | 18 | 9  | 15.5           |
| YXR1215-04 | M12              | 125             | 80                   | 21 | 34  | 16 | 11 | 21 | 11 | 20.5           |
| YXR1215-05 | M14              | 140             | 90                   | 25 | 38  | 18 | 10 | 24 | 9  | 31             |
| YXR1215-06 | M16              | 170             | 110                  | 27 | 42  | 20 | 14 | 27 | 14 | 42             |
| YXR1215-07 | M20              | 200             | 130                  | 34 | 52  | 24 | 17 | 34 | 17 | 74             |
| YXR1215-08 | M22              | 220             | 145                  | 36 | 57  | 26 | 16 | 37 | 15 | 95             |
| YXR1215-09 | M24              | 255             | 170                  | 39 | 60  | 28 | 20 | 39 | 20 | 130            |
| YXR1215-10 | M30              | 255             | 160                  | 45 | 74  | 34 | 23 | 45 | 23 | 180            |
| YXR1215-11 | M36              | 295             | 180                  | 55 | 86  | 40 | 28 | 55 | 28 | 310            |
| YXR1215-12 | M42              | 330             | 200                  | 63 | 104 | 50 | 32 | 63 | 32 | 556            |
| YXR1215-13 | M48              | 355             | 195                  | 80 | 135 | 65 | 40 | 78 | 39 | 975            |
| YXR1215-14 | M56              | 355             | 195                  | 80 | 135 | 65 | 40 | 78 | 39 | 900            |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1217



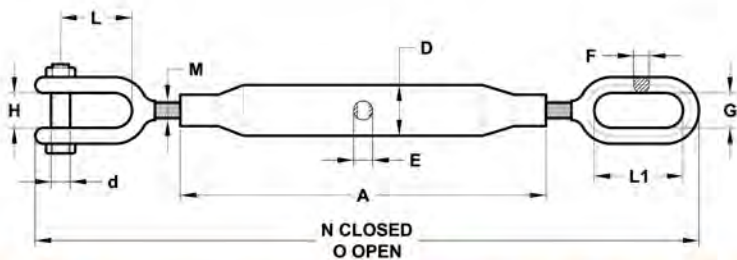
### DIN1478 RIGGING SCREWS, TYPE JAW AND JAW

| ITEM NO.   | SIZE | WT (KG) | DIMENSIONS (MM) |     |      |      |     |    |     |     |          |        |
|------------|------|---------|-----------------|-----|------|------|-----|----|-----|-----|----------|--------|
|            |      |         | M               | A   | D    | E    | H   | H1 | L   | L1  | N CLOSED | O OPEN |
| YXR1217-01 | M6   | 0.18    | M6×1            | 110 | 15   | 6    | 21  | 9  | 96  | 21  | 5        | 197    |
| YXR1217-02 | M8   | 0.38    | M8×1.25         | 110 | 17   | 8.5  | 21  | 9  | 109 | 21  | 6.5      | 223    |
| YXR1217-03 | M10  | 0.484   | M10×1.5         | 125 | 21   | 8.5  | 27  | 11 | 124 | 21  | 8        | 253    |
| YXR1217-04 | M12  | 1       | M12×1.75        | 125 | 25   | 10.5 | 37  | 19 | 183 | 35  | 10       | 370    |
| YXR1217-05 | M16  | 1.356   | M16×2           | 170 | 30   | 10.5 | 40  | 22 | 194 | 51  | 12       | 393    |
| YXR1217-06 | M20  | 2.212   | M20×2.5         | 200 | 33.5 | 12.5 | 44  | 22 | 204 | 48  | 16       | 413    |
| YXR1217-07 | M22  | 3.59    | M22×2.5         | 220 | 33.5 | 12.5 | 51  | 25 | 248 | 60  | 20       | 500    |
| YXR1217-08 | M24  | 4.814   | M24×3           | 255 | 42   | 12.5 | 60  | 32 | 292 | 65  | 22       | 589    |
| YXR1217-09 | M27  | 5.73    | M27×3           | 255 | 42   | 14.5 | 60  | 32 | 294 | 65  | 22       | 593    |
| YXR1217-10 | M33  | 8.04    | M33×3.5         | 255 | 57   | 16.5 | 76  | 38 | 320 | 76  | 24       | 645    |
| YXR1217-11 | M36  | 8.82    | M36×4           | 295 | 63   | 16.5 | 76  | 38 | 325 | 76  | 27       | 655    |
| YXR1217-12 | M42  | 16.4    | M42×4.5         | 330 | 70   | 20.5 | 85  | 47 | 330 | 111 | 35       | 655    |
| YXR1217-13 | M48  | 22.4    | M48×5           | 355 | 83   | 20.5 | 101 | 51 | 404 | 121 | 42       | 813    |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1218



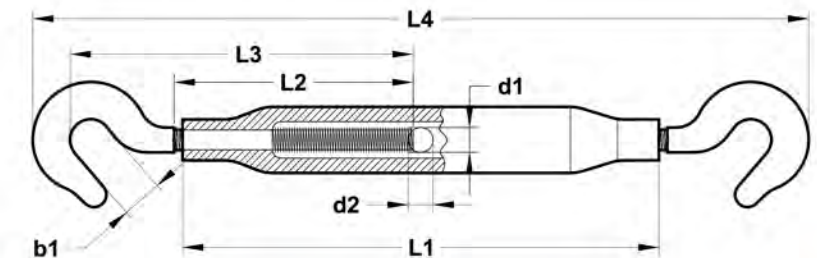
### DIN1478 RIGGING SCREWS, TYPE JAW AND EYE

| ITEM NO.   | SIZE | WT (KG) | DIMENSIONS (MM) |     |      |      |    |     |    |    |     |          |        |
|------------|------|---------|-----------------|-----|------|------|----|-----|----|----|-----|----------|--------|
|            |      |         | M               | A   | D    | E    | H  | L   | L1 | F  | D   | N CLOSED | O OPEN |
| YXR1218-01 | M6   | 0.18    | M6×1            | 110 | 15   | 6    | 9  | 21  | 14 | 6  | 5   | 197      | 307    |
| YXR1218-02 | M8   | 0.363   | M8×1.25         | 110 | 17   | 8.5  | 9  | 21  | 20 | 8  | 6.5 | 223      | 333    |
| YXR1218-03 | M10  | 0.455   | M10×1.5         | 125 | 21   | 8.5  | 11 | 21  | 25 | 8  | 8   | 256      | 381    |
| YXR1218-04 | M12  | 0.935   | M12×1.75        | 125 | 25   | 10.5 | 19 | 35  | 36 | 11 | 10  | 370      | 495    |
| YXR1218-05 | M16  | 1.277   | M16×2           | 170 | 30   | 10.5 | 22 | 51  | 40 | 14 | 12  | 393      | 563    |
| YXR1218-06 | M20  | 2.114   | M20×2.5         | 200 | 33.5 | 12.5 | 22 | 48  | 55 | 16 | 16  | 413      | 613    |
| YXR1218-07 | M22  | 3.33    | M22×2.5         | 220 | 33.5 | 12.5 | 25 | 60  | 55 | 17 | 20  | 501      | 721    |
| YXR1218-08 | M24  | 4.354   | M24×3           | 255 | 42   | 12.5 | 32 | 65  | 57 | 19 | 22  | 589      | 844    |
| YXR1218-09 | M27  | 5.35    | M27×3           | 255 | 42   | 14.5 | 32 | 65  | 57 | 20 | 22  | 593      | 848    |
| YXR1218-10 | M33  | 7.43    | M33×3.5         | 255 | 57   | 16.5 | 38 | 76  | 64 | 25 | 24  | 645      | 900    |
| YXR1218-11 | M36  | 8.63    | M36×4           | 295 | 63   | 16.5 | 38 | 76  | 75 | 26 | 27  | 655      | 950    |
| YXR1218-12 | M42  | 16.4    | M42×4.5         | 330 | 70   | 20.5 | 47 | 111 | 84 | 27 | 35  | 691      | 1021   |
| YXR1218-13 | M48  | 19.94   | M48×5           | 355 | 83   | 20.5 | 51 | 121 | 94 | 37 | 42  | 813      | 1168   |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1220



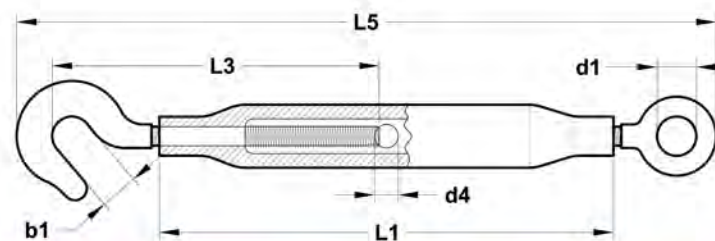
### DIN1478 RIGGING SCREWS, TYPE HOOK AND HOOK

| ITEM NO.   | SIZE | WT (KG) | DIMENSIONS (MM) |     |     |     |         |         |     |    |
|------------|------|---------|-----------------|-----|-----|-----|---------|---------|-----|----|
|            |      |         | D1              | L1  | L2  | L3  | L4 MIN. | L4 MAX. | B1  | D2 |
| YXR1220-01 | M6   | 0.16    | M6×1            | 110 | 50  | 77  | 160     | 250     | 9.5 | 6  |
| YXR1220-02 | M8   | 0.2     | M8×1.25         | 110 | 60  | 98  | 204     | 289     | 11  | 8  |
| YXR1220-03 | M10  | 0.3     | M10×1.5         | 125 | 73  | 116 | 241     | 336     | 14  | 8  |
| YXR1220-04 | M12  | 0.47    | M12×1.75        | 125 | 90  | 146 | 303     | 393     | 18  | 10 |
| YXR1220-05 | M16  | 1.01    | M16×2           | 170 | 100 | 165 | 340     | 460     | 19  | 10 |
| YXR1220-06 | M20  | 1.4     | M20×2.5         | 200 | 105 | 180 | 372     | 512     | 21  | 12 |
| YXR1220-07 | M24  | 2.86    | M24×3           | 255 | 135 | 225 | 463     | 543     | 29  | 12 |
| YXR1220-08 | M30  | 4.09    | M30×3           | 255 | 140 | 225 | 527     | 687     | 31  | 16 |
| YXR1220-09 | M36  | 6.85    | M36×4           | 295 | 170 | 300 | 617     | 697     | 35  | 16 |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1219



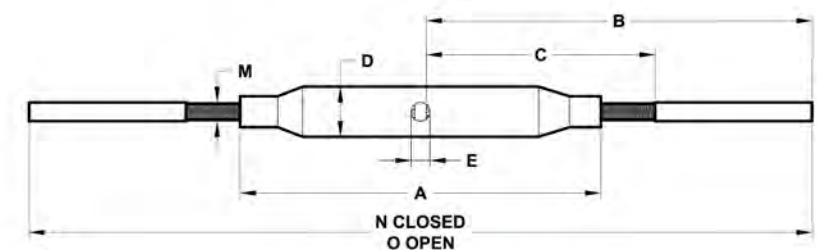
### DIN1478 RIGGING SCREWS, TYPE EYE AND HOOK

| ITEM NO.   | SIZE | WEIGHT PER 100PCS (KG) | DIMENSIONS (MM) |            |    |      |      |     |    |                         |  |  |
|------------|------|------------------------|-----------------|------------|----|------|------|-----|----|-------------------------|--|--|
|            |      |                        | BODY LENGTH L1  | ADJUSTABLE | D4 | HOOK |      | EYE |    | TOTAL LENGTH SCREWED IN |  |  |
|            |      |                        |                 |            |    | L3   | B1   | L3  | D1 |                         |  |  |
| YXR1219-01 | M6   | 11.6                   | 110             | 90         | 6  | 85   | 8.5  | 80  | 9  | 172                     |  |  |
| YXR1219-02 | M8   | 19                     | 110             | 85         | 8  | 85   | 11   | 84  | 10 | 182                     |  |  |
| YXR1219-03 | M10  | 31                     | 125             | 95         | 8  | 112  | 13.5 | 105 | 14 | 213                     |  |  |
| YXR1219-04 | M12  | 42                     | 125             | 90         | 10 | 117  | 15.5 | 115 | 16 | 238                     |  |  |
| YXR1219-05 | M16  | 89                     | 170             | 120        | 10 | 138  | 19   | 165 | 22 | 320                     |  |  |
| YXR1219-06 | M20  | 158                    | 200             | 140        | 12 | 170  | 20.5 | 167 | 24 | 367                     |  |  |
| YXR1219-07 | M24  | 292                    | 255             | 180        | 12 | 205  | 26   | 205 | 27 | 447                     |  |  |
| YXR1219-08 | M30  | 430                    | 255             | 160        | 16 | 225  | 33   | 255 | 31 | 512                     |  |  |
| YXR1219-09 | M36  | 605                    | 295             | 180        | 16 | 255  | 44   | 276 | 43 | 568                     |  |  |
| YXR1219-10 | M42  | 1160                   | 330             | 200        | 20 | 340  | 48   | 260 | 49 | 683                     |  |  |
| YXR1219-11 | M48  | 1600                   | 355             | 210        | 20 | 360  | 58   | 300 | 58 | 755                     |  |  |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1221



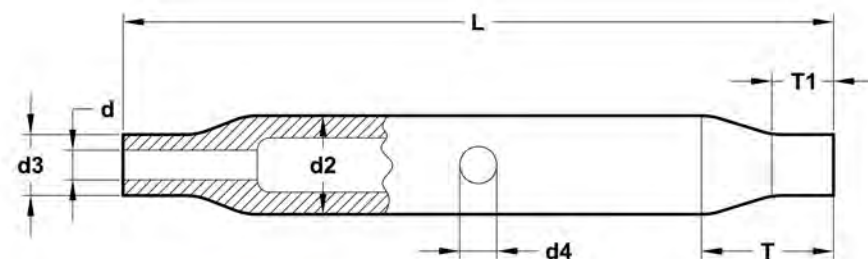
### DIN1478 TURNBUCKLES WITH STUB END

| ITEM NO.   | SIZE | WT (KG) | DIMENSIONS (MM) |      |     |      |     |     |          |        |  |  |
|------------|------|---------|-----------------|------|-----|------|-----|-----|----------|--------|--|--|
|            |      |         | M               | E    | A   | D    | B   | C   | N CLOSED | O OPEN |  |  |
| YXR1221-01 | M6   | 0.14    | M6×1            | 6    | 110 | 15   | 120 | 65  | 240      | 340    |  |  |
| YXR1221-02 | M8   | 0.18    | M8×1.25         | 8.5  | 110 | 17   | 120 | 65  | 240      | 340    |  |  |
| YXR1221-03 | M10  | 0.32    | M10×1.5         | 8.5  | 125 | 21   | 150 | 75  | 300      | 410    |  |  |
| YXR1221-04 | M12  | 0.45    | M12×1.75        | 10.5 | 125 | 25   | 150 | 75  | 300      | 410    |  |  |
| YXR1221-05 | M16  | 0.9     | M16×2           | 10.5 | 170 | 30   | 200 | 100 | 400      | 550    |  |  |
| YXR1221-06 | M20  | 1.5     | M20×2.5         | 12.5 | 200 | 33.5 | 220 | 120 | 400      | 615    |  |  |
| YXR1221-07 | M24  | 2.75    | M24×3           | 12.5 | 255 | 42   | 260 | 150 | 520      | 740    |  |  |
| YXR1221-08 | M30  | 3.94    | M30×3           | 14.5 | 255 | 55   | 260 | 160 | 520      | 740    |  |  |
| YXR1221-09 | M36  | 6.75    | M36×4           | 16.5 | 295 | 70   | 300 | 190 | 600      | 850    |  |  |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1222



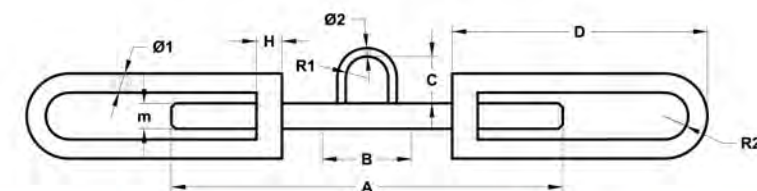
### DIN1478 CLOSED TURNBUCKLE BODY

| ITEM NO.   | SIZE (D) | WLL (KG) | WT (KG) | DIMENSIONS (MM) |      |    |     |     |     |
|------------|----------|----------|---------|-----------------|------|----|-----|-----|-----|
|            |          |          |         | D2              | D3   | D4 | L   | T   | T1  |
| YXR1222-01 | M6       | 225      | 0.1     | 17.2            | 9    | 6  | 110 | 9.5 | 7.8 |
| YXR1222-02 | M8       | 410      | 0.09    | 17.2            | 12   | 8  | 110 | 12  | 10  |
| YXR1222-03 | M10      | 650      | 0.19    | 21.3            | 15   | 8  | 125 | 14  | 12  |
| YXR1222-04 | M12      | 930      | 0.27    | 25              | 18   | 10 | 125 | 17  | 15  |
| YXR1222-05 | M16      | 1170     | 0.51    | 30              | 22.5 | 10 | 170 | 22  | 20  |
| YXR1222-06 | M20      | 2700     | 0.62    | 33.7            | 27   | 12 | 200 | 26  | 24  |
| YXR1222-07 | M24      | 3920     | 1.15    | 42.4            | 32   | 12 | 255 | 31  | 29  |
| YXR1222-08 | M30      | 6250     | 1.57    | 51              | 38   | 16 | 255 | 38  | 36  |
| YXR1222-09 | M36      | 9100     | 3.16    | 63.5            | 47.5 | 16 | 295 | 46  | 43  |
| YXR1222-10 | M42      | 12500    | 4.33    | 70              | 57   | 20 | 330 | 54  | 51  |
| YXR1222-11 | M48      | 16500    | 5.78    | 82.5            | 63   | 20 | 355 | 61  | 58  |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1224



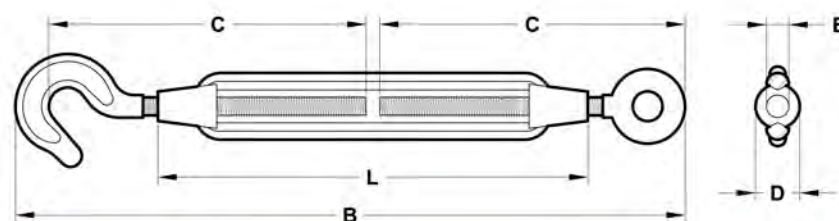
### HAMBURGER TURNBUCKLE / DEE-DEE TURNBUCKLE

| ITEM NO.   | SIZE (M) | BL (T) | WT (KG) | DIMENSIONS (MM) |    |    |     |    |    |    |           |
|------------|----------|--------|---------|-----------------|----|----|-----|----|----|----|-----------|
|            |          |        |         | A               | B  | C  | D   | H  | 1  | 2  | R1 R2     |
| YXR1224-01 | M24      | 13     | 2.9     | 400             | 75 | 35 | 210 | 22 | 16 | 12 | 15 20     |
| YXR1224-02 | M24      | 18     | 2.9     | 400             | 75 | 35 | 210 | 36 | 18 | 12 | 15 20     |
| YXR1224-03 | M24      | 13     | 3.4     | 500             | 75 | 35 | 260 | 22 | 16 | 12 | 15 20     |
| YXR1224-04 | M24      | 18     | 3.4     | 500             | 75 | 35 | 260 | 36 | 18 | 12 | 15 20     |
| YXR1224-05 | M27      | 20     | 4       | 400             | 75 | 35 | 210 | 33 | 20 | 12 | 17.5 21.5 |
| YXR1224-06 | M27      | 25     | 4       | 400             | 75 | 35 | 210 | 42 | 20 | 12 | 17.5 21.5 |
| YXR1224-07 | M27      | 20     | 4.6     | 500             | 75 | 35 | 260 | 33 | 20 | 12 | 17.5 21.5 |
| YXR1224-08 | M27      | 25     | 4.6     | 500             | 75 | 35 | 260 | 42 | 20 | 12 | 17.5 21.5 |
| YXR1224-09 | M30      | -      | 4.5     | 400             | 75 | 35 | 210 | -  | -  | 12 | 22.5 25.5 |
| YXR1224-10 | M30      | 25     | 4.5     | 400             | 75 | 35 | 210 | 45 | 22 | 12 | 22.5 25.5 |
| YXR1224-11 | M30      | -      | 5.5     | 500             | 75 | 35 | 260 | -  | -  | 12 | 22.5 25.5 |
| YXR1224-12 | M30      | 25     | 5.5     | 500             | 75 | 35 | 260 | 45 | 22 | 12 | 22.5 25.5 |
| YXR1224-13 | M38      | 30     | 7.8     | 480             | 80 | 35 | 255 | 40 | 25 | 12 | 28 28     |
| YXR1224-14 | M38      | -      | 9       | 480             | 80 | 35 | -   | -  | -  | -  | -         |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



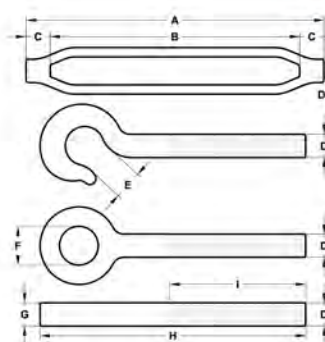
YXR1223



### COMMERCIAL TYPE MALLEABLE TURNBUCKLES WITH EYE AND HOOK

| ITEM NO.   | SIZE (MM) | WLL (KG) | WT (LBS.) | DIMENSIONS (MM) |     |    |    |     |
|------------|-----------|----------|-----------|-----------------|-----|----|----|-----|
|            |           |          |           | B               | C   | D  | E  | L   |
| YXR1223-01 | 6 × 100   | 100      | 0.35      | 145             | 215 | 12 | 10 | 100 |
| YXR1223-02 | 8 × 125   | 200      | 0.53      | 185             | 280 | 14 | 12 | 125 |
| YXR1223-03 | 10 × 150  | 300      | 0.79      | 210             | 325 | 16 | 14 | 150 |
| YXR1223-04 | 12 × 200  | 500      | 1.41      | 275             | 430 | 19 | 18 | 200 |
| YXR1223-05 | 16 × 250  | 1000     | 3.18      | 345             | 540 | 23 | 24 | 250 |
| YXR1223-06 | 20 × 300  | 1500     | 4.96      | 435             | 670 | 28 | 26 | 300 |
| YXR1223-07 | 22 × 330  | 2200     | 7.79      | 480             | 740 | 34 | 32 | 330 |
| YXR1223-08 | 24 × 350  | 3000     | 9.58      | 555             | 830 | 36 | 36 | 350 |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.



YXR1225

### JIS FRAME TYPE TURNBUCKLE

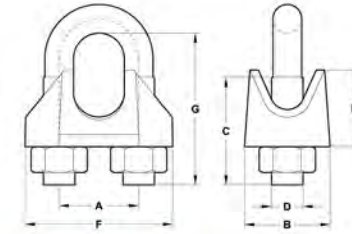
| ITEM NO.   | SIZE (D) |       | BODY ONLY |    |     |      |     |      |       | EYE & EYE |      |      |      | HOOK & EYE |      | HOOK & HOOK |     |      | WITH STUBS |      |     |     |      |      |
|------------|----------|-------|-----------|----|-----|------|-----|------|-------|-----------|------|------|------|------------|------|-------------|-----|------|------------|------|-----|-----|------|------|
|            |          |       | A         | B  | C   | T.L  | WT  |      | F     | T.L       | WT   |      | T.L  | WT         | E    | T.L         | WT  |      | H          | I    | G   | WT  |      |      |
| YXR1225-01 | mm       | in    | mm        | in | mm  | mm   | Ton | kg   |       | mm        | Ton  | kg   |      | Ton        | kg   |             | mm  | Ton  | kg         |      | mm  | mm  | mm   | kg   |
| YXR1225-02 | 6        | 1/4   | 100       | 4  | 78  | 11   | 1   | 0.08 |       | 10        | 0.1  | 0.12 |      | 0.04       | 0.11 |             | 9   | 0.04 | 0.11       |      | 80  | 50  | 5.3  | 0.11 |
| YXR1225-03 | 8        | 5/16  | 125       | 5  | 100 | 12.5 | 1.2 | 0.15 |       | 12        | 0.2  | 0.22 |      | 0.08       | 0.22 |             | 9   | 0.08 | 0.22       |      | 100 | 63  | 6.9  | 0.21 |
| YXR1225-04 | 9        | 3/8   | 150       | 6  | 120 | 12.5 | 1.5 | 0.17 |       | 16        | 0.5  | 0.3  |      | 0.15       | 0.29 |             | 11  | 0.15 | 0.29       |      | 130 | 75  | 8.3  | 0.21 |
| YXR1225-05 | 12       | 1/2   | 200       | 8  | 164 | 18   | 2   | 0.29 |       | 20        | 2    | 0.58 |      | 0.35       | 0.59 |             | 16  | 0.35 | 0.57       |      | 150 | 100 | 11.2 | 0.51 |
| YXR1225-06 | 16       | 5/8   | 250       | 10 | 202 | 21.5 | 3   | 0.52 |       | 22        | 3    | 1.07 |      | 0.7        | 1.05 |             | 19  | 0.7  | 1.03       |      | 180 | 125 | 14.2 | 0.91 |
| YXR1225-07 | 19       | 3/4   | 300       | 12 | 250 | 25   | 4   | 0.85 |       | 28        | 4    | 1.77 |      | 1          | 1.78 |             | 20  | 1    | 1.77       |      | 220 | 150 | 17.2 | 1.61 |
| YXR1225-08 | 22       | 7/8   | 325       | 13 | 269 | 28   | 5   | 1.17 |       | 33        | 5    | 2.55 |      | 1.5        | 2.58 |             | 21  | 1.5  | 2.6        |      | 250 | 165 | 20.3 | 2.31 |
| YXR1225-09 | 25       | 1     | 350       | 14 | 285 | 32.5 | 6   | 1.69 |       | 35        | 6    | 3.79 |      | 2          | 3.77 |             | 26  | 2    | 3.72       |      | 270 | 175 | 23.3 | 3.21 |
| YXR1225-10 | 32       | 1-1/4 | 400       | 16 | 310 | 45   | 8   | 3.51 | 36*70 | 10        | 7.6  | 3    | 7.52 | 34         | 3    | 7.44        | 300 | 200  | 29         | 6.51 |     |     |      |      |
| YXR1225-11 | 38       | 1-1/2 | 450       | 18 | 350 | 55   | 10  | 5.08 | 40*80 | 15        | 13.5 | 4    | 12.8 | 35         | 4    | 22          | 330 | 225  | 38         | 13.1 |     |     |      |      |
| YXR1225-12 | 44       | 1-3/4 | 500       | 20 | 386 | 57   | -   | 9    | -     | -         | -    | -    | -    | -          | -    | 22          | -   | 250  | 44         | -    |     |     |      |      |
| YXR1225-13 | 50       | 2     | 550       | 22 | 420 | 65   | -   | 11.5 | -     | -         | -    | -    | -    | -          | -    | 29          | -   | 275  | 50         | -    |     |     |      |      |

◆ Minimum Ultimate Load is 4 times the Working Load Limit.

## OTHER TURNBUCKLES



YXR1226

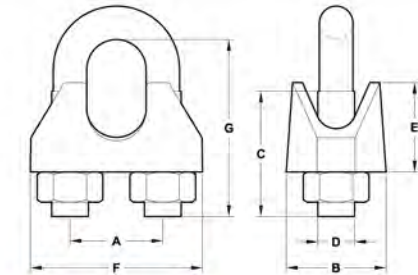


### DIN741 WIRE ROPE CLIPS

| ITEM NO.   | SIZE |       | WT (KG) | DIMENSIONS (MM) |    |    |    |    |    |     |
|------------|------|-------|---------|-----------------|----|----|----|----|----|-----|
|            | MM   | IN    |         | A               | B  | C  | D  | E  | F  | G   |
| YXR1226-01 | 3    | 1/8   | 0.014   | 9               | 10 | 12 | 4  | 10 | 21 | 20  |
| YXR1226-02 | 5    | 3/16  | 0.015   | 11              | 11 | 13 | 5  | 10 | 23 | 24  |
| YXR1226-03 | 6.5  | 1/4   | 0.021   | 13              | 12 | 15 | 5  | 11 | 26 | 28  |
| YXR1226-04 | 8    | 5/16  | 0.041   | 16              | 14 | 19 | 6  | 15 | 30 | 34  |
| YXR1226-05 | 10   | 3/8   | 0.068   | 19              | 18 | 22 | 8  | 17 | 34 | 42  |
| YXR1226-06 | 11   | 7/16  | 0.072   | 20              | 19 | 22 | 8  | 18 | 36 | 54  |
| YXR1226-07 | 13   | 1/2   | 0.130   | 24              | 23 | 30 | 10 | 21 | 42 | 55  |
| YXR1226-08 | 14   | 9/16  | 0.135   | 25              | 23 | 30 | 10 | 22 | 44 | 57  |
| YXR1226-09 | 16   | 5/8   | 0.210   | 29              | 26 | 33 | 12 | 26 | 50 | 63  |
| YXR1226-10 | 19   | 3/4   | 0.280   | 32              | 29 | 38 | 12 | 30 | 54 | 75  |
| YXR1226-12 | 22   | 7/8   | 0.400   | 37              | 33 | 44 | 14 | 34 | 61 | 85  |
| YXR1226-13 | 26   | 1     | 0.440   | 41              | 35 | 45 | 14 | 37 | 65 | 95  |
| YXR1226-14 | 30   | 1-1/8 | 0.660   | 48              | 37 | 50 | 16 | 43 | 74 | 110 |
| YXR1226-15 | 34   | 1-1/4 | 0.850   | 52              | 42 | 55 | 16 | 50 | 80 | 120 |
| YXR1226-16 | 40   | 1-1/2 | 1.040   | 58              | 45 | 60 | 16 | 55 | 88 | 140 |



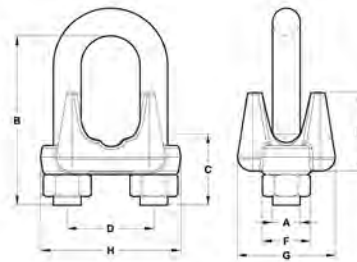
YXR1227



### DIN1142 WIRE ROPE CLIPS

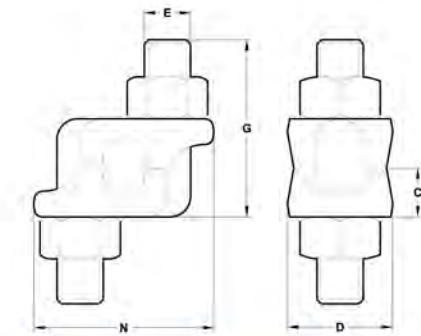
| ITEM NO.   | SIZE (MM) | WT PER 100 (KG) | DIMENSIONS (MM) |    |    |    |    |     |     |
|------------|-----------|-----------------|-----------------|----|----|----|----|-----|-----|
|            |           |                 | A               | B  | C  | D  | E  | F   | G   |
| YXR1227-01 | 5         | 2.08            | 5               | 13 | 13 | 5  | 13 | 25  | 25  |
| YXR1227-02 | 6.5       | 4               | 6               | 16 | 17 | 6  | 14 | 30  | 32  |
| YXR1227-03 | 8         | 8.2             | 8               | 20 | 20 | 8  | 18 | 39  | 41  |
| YXR1227-04 | 10        | 9.2             | 8               | 20 | 24 | 8  | 21 | 40  | 46  |
| YXR1227-0  | 13        | 27.5            | 12              | 28 | 30 | 12 | 29 | 55  | 64  |
| YXR1227-0  | 16        | 43              | 14              | 32 | 35 | 14 | 35 | 64  | 76  |
| YXR1227-07 | 19        | 49              | 14              | 32 | 36 | 14 | 40 | 68  | 83  |
| YXR1227-08 | 22        | 68              | 16              | 34 | 40 | 16 | 44 | 74  | 96  |
| YXR1227-09 | 26        | 117             | 20              | 38 | 50 | 20 | 51 | 84  | 111 |
| YXR1227-10 | 30        | 140             | 20              | 41 | 55 | 20 | 59 | 95  | 127 |
| YXR1227-11 | 34        | 213             | 22              | 45 | 60 | 22 | 67 | 105 | 141 |
| YXR1227-12 | 40        | 268             | 24              | 49 | 65 | 24 | 77 | 117 | 159 |

### US TYPE FORGED WIRE ROPE CLIPS G450



YXR1228

| ITEM NO.   | ROPE SIZE |       | STANDARD PACKAGE QTY. | WEIGHT PER 100 (LBS) | DIMENSIONS (IN) |       |      |      |      |      |      |      |  |
|------------|-----------|-------|-----------------------|----------------------|-----------------|-------|------|------|------|------|------|------|--|
|            | (IN)      | (MM)  |                       |                      | A               | B     | C    | D    | E    | F    | G    | H    |  |
| YXR1228-01 | 1/8       | 3-4   | 100                   | 6                    | 0.22            | 0.72  | 0.44 | 0.47 | 0.37 | 0.38 | 0.81 | 0.99 |  |
| YXR1228-02 | 3/16      | 5     | 100                   | 10                   | 0.25            | 0.97  | 0.56 | 0.59 | 0.50 | 0.44 | 0.94 | 1.18 |  |
| YXR1228-03 | 1/4       | 6-7   | 100                   | 19                   | 0.31            | 1.03  | 0.50 | 0.75 | 0.66 | 0.56 | 1.19 | 1.43 |  |
| YXR1228-04 | 5/16      | 8     | 100                   | 28                   | 0.38            | 1.38  | 0.75 | 0.88 | 0.73 | 0.69 | 1.31 | 1.66 |  |
| YXR1228-05 | 3/8       | 9-10  | 100                   | 48                   | 0.44            | 1.50  | 0.75 | 1.00 | 0.91 | 0.75 | 1.63 | 1.94 |  |
| YXR1228-06 | 7/16      | 11    | 50                    | 78                   | 0.50            | 1.88  | 1.00 | 1.19 | 1.13 | 0.88 | 1.91 | 2.28 |  |
| YXR1228-07 | 1/2       | 12-13 | 50                    | 80                   | 0.50            | 1.88  | 1.00 | 1.19 | 1.13 | 0.88 | 1.91 | 2.28 |  |
| YXR1228-08 | 9/16      | 14-15 | 50                    | 109                  | 0.56            | 2.25  | 1.25 | 1.31 | 1.34 | 0.94 | 2.06 | 2.50 |  |
| YXR1228-09 | 5/8       | 16    | 50                    | 110                  | 0.56            | 2.25  | 1.25 | 1.31 | 1.34 | 0.94 | 2.06 | 2.50 |  |
| YXR1228-10 | 3/4       | 18-20 | 25                    | 142                  | 0.62            | 2.75  | 1.44 | 1.50 | 1.39 | 1.06 | 2.25 | 2.84 |  |
| YXR1228-11 | 7/8       | 22    | 25                    | 212                  | 0.75            | 3.12  | 1.62 | 1.75 | 1.58 | 1.25 | 2.44 | 3.16 |  |
| YXR1228-12 | 1         | 24-26 | 10                    | 252                  | 0.75            | 3.50  | 1.81 | 1.88 | 1.77 | 1.25 | 2.63 | 3.47 |  |
| YXR1228-13 | 1-1/8     | 28-30 | 10                    | 283                  | 0.75            | 3.88  | 2.00 | 2.00 | 1.91 | 1.44 | 2.81 | 3.59 |  |
| YXR1228-14 | 1-1/4     | 32-34 | 10                    | 438                  | 0.88            | 4.44  | 2.22 | 2.34 | 2.17 | 1.44 | 3.13 | 4.13 |  |
| YXR1228-15 | 1-3/8     | 36    | 10                    | 442                  | 0.88            | 4.44  | 2.22 | 2.34 | 2.31 | 1.44 | 3.13 | 4.19 |  |
| YXR1228-16 | 1-1/2     | 38    | 10                    | 544                  | 0.88            | 4.94  | 2.38 | 2.59 | 2.44 | 1.63 | 3.41 | 4.44 |  |
| YXR1228-17 | 1-5/8     | 41-42 | Buck                  | 704                  | 1.00            | 5.31  | 2.62 | 2.75 | 2.66 | 1.81 | 3.63 | 4.75 |  |
| YXR1228-18 | 1-3/4     | 44-46 | Buck                  | 934                  | 1.13            | 5.75  | 2.75 | 3.06 | 2.92 | 2.00 | 3.81 | 5.24 |  |
| YXR1228-19 | 2         | 48-52 | Buck                  | 1300                 | 1.25            | 6.44  | 3.00 | 3.38 | 3.03 | 2.00 | 4.44 | 5.88 |  |
| YXR1228-20 | 2-1/4     | 56-58 | Buck                  | 1600                 | 1.25            | 7.13  | 3.19 | 3.88 | 3.19 | 2.00 | 4.56 | 6.38 |  |
| YXR1228-21 | 2-1/2     | 62-65 | Buck                  | 1900                 | 1.25            | 7.69  | 3.44 | 4.13 | 3.69 | 2.00 | 4.69 | 6.63 |  |
| YXR1228-22 | 2-3/4     | 68-72 | Buck                  | 2300                 | 1.25            | 8.31  | 3.56 | 4.38 | 4.88 | 2.00 | 5.00 | 6.88 |  |
| YXR1228-23 | 3         | 75-78 | Buck                  | 3100                 | 1.50            | 9.19  | 3.88 | 4.75 | 4.44 | 2.38 | 5.31 | 7.61 |  |
| YXR1228-24 | 3-1/2     | 85-90 | Buck                  | 4000                 | 1.50            | 10.75 | 4.50 | 5.50 | 6.00 | 2.38 | 6.19 | 8.38 |  |

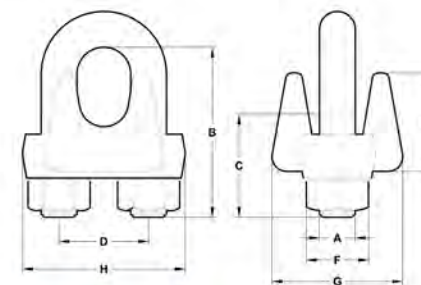


### US TYPE FORGED FIST GRIP G429



YXR1230

| ITEM NO.   | ROPE SIZE     |       | WEIGHT PER 100 (LBS) | DIMENSIONS (IN) |      |      |      |      |
|------------|---------------|-------|----------------------|-----------------|------|------|------|------|
|            | (IN)          | (MM)  |                      | C               | D    | E    | G    | N    |
| YXR1230-01 | 3/16-1/4      | 5-7   | 23                   | 0.40            | 0.94 | 0.38 | 1.41 | 1.44 |
| YXR1230-02 | 5/16          | 8     | 28                   | 0.47            | 1.06 | 0.38 | 1.50 | 1.54 |
| YXR1230-03 | 3/8           | 10    | 40                   | 0.51            | 1.06 | 0.44 | 1.84 | 1.78 |
| YXR1230-04 | 7/16-1/2      | 11-13 | 62                   | 0.59            | 1.25 | 0.50 | 2.21 | 2.15 |
| YXR1230-05 | 9/16-5/8      | 14-16 | 103                  | 0.72            | 1.50 | 0.63 | 2.72 | 2.57 |
| YXR1230-06 | 3/4           | 18-20 | 175                  | 0.86            | 1.81 | 0.75 | 2.94 | 2.67 |
| YXR1230-07 | 7/8           | 22    | 225                  | 0.97            | 2.12 | 0.75 | 3.31 | 2.86 |
| YXR1230-08 | 1             | 24-26 | 300                  | 1.13            | 2.25 | 0.75 | 3.72 | 3.06 |
| YXR1230-09 | 1-1/8         | 28-30 | 400                  | 1.28            | 2.38 | 0.88 | 4.22 | 3.44 |
| YXR1230-10 | 1-1/4         | 32-34 | 400                  | 1.34            | 2.50 | 0.88 | 4.25 | 3.56 |
| YXR1230-11 | 1-3/8 - 1-1/2 | 36-40 | 700                  | 1.56            | 3.00 | 1.00 | 5.56 | 4.12 |

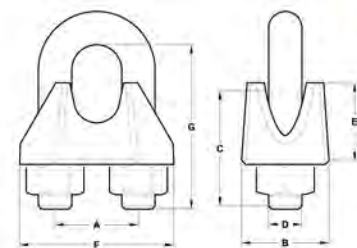


### TYPE A WIRE ROPE CLIPS



YXR1231

| ITEM NO.   | SIZE (MM) | WEIGHT PER 100 (KG) | DIMENSIONS (MM) |    |    |    |    |     |     |
|------------|-----------|---------------------|-----------------|----|----|----|----|-----|-----|
|            |           |                     | A               | B  | C  | D  | E  | F   | G   |
| YXR1231-01 | 6         | 2.5                 | 12              | 17 | 14 | 5  | 14 | 23  | 24  |
| YXR1231-02 | 8         | 4.5                 | 15              | 21 | 16 | 6  | 17 | 28  | 30  |
| YXR1231-03 | 10        | 9                   | 19              | 28 | 20 | 8  | 21 | 38  | 37  |
| YXR1231-04 | 12        | 18                  | 24              | 34 | 25 | 10 | 27 | 45  | 47  |
| YXR1231-05 | 15        | 28                  | 29              | 40 | 30 | 12 | 32 | 52  | 56  |
| YXR1231-06 | 20        | 47                  | 36              | 47 | 36 | 14 | 38 | 62  | 70  |
| YXR1231-07 | 22        | 62                  | 40              | 52 | 39 | 16 | 43 | 69  | 77  |
| YXR1231-08 | 25        | 85                  | 43              | 56 | 44 | 18 | 50 | 76  | 85  |
| YXR1231-09 | 28        | 120                 | 48              | 62 | 48 | 20 | 57 | 85  | 95  |
| YXR1231-10 | 32        | 157                 | 55              | 67 | 51 | 22 | 61 | 93  | 108 |
| YXR1231-11 | 40        | 261                 | 64              | 81 | 62 | 24 | 73 | 111 | 120 |
| YXR1231-12 | 45        | 363                 | 72              | 88 | 70 | 27 | 86 | 123 | 137 |
| YXR1231-13 | 50        | 480                 | 80              | 95 | 80 | 30 | 95 | 135 | 154 |



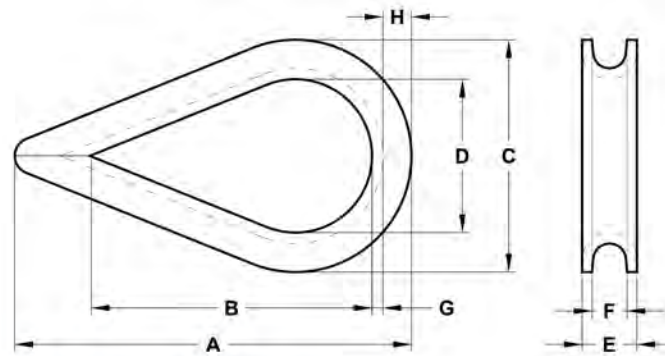
YXR1229

### US TYPE MALLEABLE WIRE ROPE CLIPS

| ITEM NO.   | ROPE SIZE |       | WT (KG) | DIMENSIONS (IN) |      |      |      |      |      |      |  |
|------------|-----------|-------|---------|-----------------|------|------|------|------|------|------|--|
|            | (IN)      | (MM)  |         | A               | B    | C    | D    | E    | F    | G    |  |
| YXR1229-01 | 1/16      | 1.5-2 | 0.0136  | 0.38            | 0.45 | 0.45 | 0.15 | 0.45 | 0.69 | 0.65 |  |
| YXR1229-02 | 1/8       | 3-4   | 0.0182  | 0.50            | 0.56 | 0.50 | 0.18 | 0.50 | 0.94 | 0.81 |  |
| YXR1229-03 | 3/16      | 5     | 0.0286  | 0.56            | 0.63 | 0.56 | 0.25 | 0.56 | 1.06 | 0.94 |  |
| YXR1229-04 | 1/4       | 6-7   | 0.0591  | 0.75            | 0.75 | 0.75 | 0.31 | 0.75 | 1.31 | 1.19 |  |
| YXR1229-05 | 5/16      | 8     | 0.0682  | 0.75            | 0.75 | 0.84 | 0.31 | 0.84 | 1.44 | 1.31 |  |
| YXR1229-06 | 3/8       | 9-10  | 0.0955  | 0.88            | 0.88 | 1.00 | 0.38 | 1.00 | 1.63 | 1.63 |  |
| YXR1229-07 | 7/16      | 11    | 0.1682  | 1.06            | 1.06 | 1.19 | 0.44 | 1.19 | 1.88 | 2.00 |  |
| YXR1229-08 | 1/2       | 12-13 | 0.1682  | 1.06            | 1.06 | 1.19 | 0.44 | 1.19 | 1.88 | 2.00 |  |
| YXR1229-09 | 9/16      | 14-15 | 0.2682  | 1.25            | 1.28 | 1.38 | 0.50 | 1.38 | 2.09 | 2.31 |  |
| YXR1229-10 | 5/8       | 16    | 0.2682  | 1.25            | 1.28 | 1.38 | 0.50 | 1.38 | 2.09 | 2.31 |  |
| YXR1229-11 | 3/4       | 18-20 | 0.3818  | 1.31            | 1.56 | 1.56 | 0.56 | 1.56 | 2.38 | 2.56 |  |
| YXR1229-12 | 7/8       | 22    | 0.5682  | 1.63            | 1.81 | 1.81 | 0.63 | 1.81 | 2.88 | 3.06 |  |
| YXR1229-13 | 1         | 24-26 | 0.7545  | 1.88            | 2.00 | 2.00 | 0.63 | 2.00 | 3.00 | 3.44 |  |
| YXR1229-14 | 1-1/8     | 28-30 | 1.1045  | 2.00            | 2.06 | 2.75 | 0.75 | 2.75 | 3.38 | 4.00 |  |



YXR1232

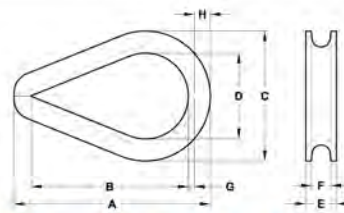


### US STANDARD THIMBLE G411

| ITEM NO.   | ROPE SIZE   |       | WEIGHT PER 100 (LBS) | DIMENSIONS (IN) |      |      |      |      |      |      |      |
|------------|-------------|-------|----------------------|-----------------|------|------|------|------|------|------|------|
|            | (IN)        | (MM)  |                      | A               | B    | C    | D    | E    | F    | G    | H    |
| YXR1232-01 | 1/8         | 3-4   | 3.5                  | 1.94            | 1.31 | 1.06 | 0.69 | 0.25 | 0.16 | 0.05 | 0.13 |
| YXR1232-02 | 3/16        | 5     | 3.5                  | 1.94            | 1.31 | 1.06 | 0.69 | 0.31 | 0.22 | 0.05 | 0.13 |
| YXR1232-03 | 1/4         | 6-7   | 3.5                  | 1.94            | 1.31 | 1.06 | 0.69 | 0.38 | 0.28 | 0.05 | 0.13 |
| YXR1232-04 | 5/16        | 8     | 4.0                  | 2.13            | 1.50 | 1.25 | 0.81 | 0.44 | 0.34 | 0.05 | 0.13 |
| YXR1232-05 | 3/8         | 9-10  | 6.7                  | 2.38            | 1.63 | 1.47 | 0.94 | 0.53 | 0.41 | 0.06 | 0.16 |
| YXR1232-06 | 1/2         | 11-13 | 12.5                 | 2.75            | 1.88 | 1.75 | 1.13 | 0.69 | 0.53 | 0.08 | 0.19 |
| YXR1232-07 | 5/8         | 16    | 34.5                 | 3.50            | 2.25 | 2.38 | 1.38 | 0.91 | 0.66 | 0.13 | 0.34 |
| YXR1232-08 | 3/4         | 18-20 | 47.1                 | 3.75            | 2.50 | 2.69 | 1.63 | 1.08 | 0.78 | 0.14 | 0.34 |
| YXR1232-09 | 7/8         | 22    | 84.6                 | 5.00            | 3.50 | 3.19 | 1.88 | 1.27 | 0.94 | 0.16 | 0.44 |
| YXR1232-10 | 1           | 24-26 | 97.5                 | 5.69            | 4.25 | 3.75 | 2.50 | 1.39 | 1.06 | 0.16 | 0.41 |
| YXR1232-11 | 1-1/8-1-1/4 | 28-32 | 175                  | 6.25            | 4.50 | 4.31 | 2.75 | 1.75 | 1.31 | 0.22 | 0.50 |

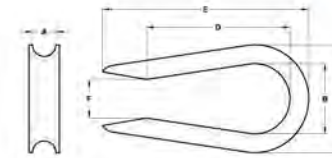


YXR1233



### US HEAVY DUTY THIMBLE G414

| ITEM NO.   | ROPE SIZE   |       | WEIGHT PER 100 (LBS) | DIMENSIONS (IN) |       |       |      |      |      |      |      |
|------------|-------------|-------|----------------------|-----------------|-------|-------|------|------|------|------|------|
|            | (IN)        | (MM)  |                      | A               | B     | C     | D    | E    | F    | G    | H    |
| YXR1233-01 | 1/4         | 6-7   | 7                    | 2.19            | 1.62  | 1.50  | 0.88 | 0.41 | 0.28 | 0.06 | 0.25 |
| YXR1233-02 | 5/16        | 8     | 14                   | 2.50            | 1.88  | 1.81  | 1.06 | 0.50 | 0.34 | 0.08 | 0.30 |
| YXR1233-03 | 3/8         | 9-10  | 23                   | 2.88            | 2.12  | 2.12  | 1.12 | 0.63 | 0.41 | 0.11 | 0.39 |
| YXR1233-04 | 7/16        | 11-12 | 37                   | 3.25            | 2.38  | 2.38  | 1.25 | 0.72 | 0.47 | 0.12 | 0.45 |
| YXR1233-05 | 1/2-9/16    | 13-15 | 50                   | 3.62            | 2.75  | 2.75  | 1.50 | 0.89 | 0.59 | 0.15 | 0.48 |
| YXR1233-06 | 5/8         | 16    | 82                   | 4.25            | 3.25  | 3.12  | 1.75 | 1.00 | 0.66 | 0.16 | 0.53 |
| YXR1233-07 | 3/4         | 18-20 | 157                  | 5.00            | 3.75  | 3.81  | 2.00 | 1.22 | 0.78 | 0.22 | 0.69 |
| YXR1233-08 | 7/8         | 22    | 190                  | 5.50            | 4.25  | 4.25  | 2.25 | 1.38 | 0.94 | 0.22 | 0.78 |
| YXR1233-09 | 1           | 24-26 | 280                  | 6.12            | 4.50  | 4.75  | 2.50 | 1.56 | 1.06 | 0.25 | 0.88 |
| YXR1233-10 | 1-1/8-1-1/4 | 28-32 | -                    | 7.00            | 5.12  | 5.88  | 2.88 | 1.88 | 1.31 | 0.25 | 1.25 |
| YXR1233-11 | 1-1/4-1-3/8 | 32-35 | 830                  | 9.08            | 6.50  | 6.81  | 3.50 | 2.25 | 1.44 | 0.37 | 1.29 |
| YXR1233-12 | 1-3/8-1-1/2 | 35-38 | 1250                 | 9.00            | 6.25  | 7.12  | 3.50 | 2.62 | 1.56 | 0.50 | 1.31 |
| YXR1233-13 | 1-5/8       | 40    | -                    | 11.25           | 8.00  | 8.12  | 4.00 | 3.00 | 1.72 | 0.50 | 1.38 |
| YXR1233-14 | 1-3/4       | 44    | 1860                 | 12.19           | 9.00  | 8.50  | 4.50 | 3.06 | 1.84 | 0.50 | 1.50 |
| YXR1233-15 | 1-7/8-2     | 48-52 | 2780                 | 15.12           | 12.00 | 10.38 | 6.00 | 3.38 | 2.09 | 0.50 | 1.69 |
| YXR1233-16 | 2-1/4       | 56    | -                    | 17.50           | 14.00 | 11.88 | 7.00 | 3.88 | 2.38 | 0.62 | 1.82 |



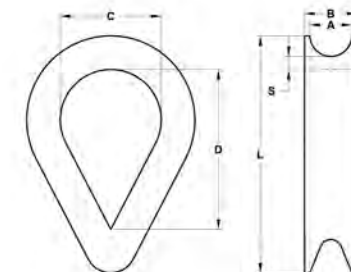
YXR1234

### US TYPE OPEN PATTERN THIMBLES G408

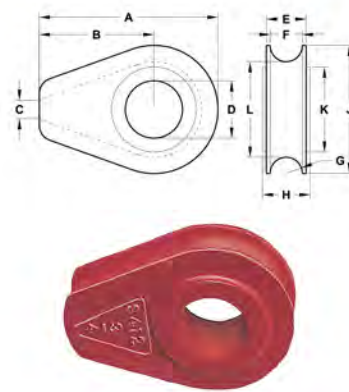
| ITEM NO.   | SIZE (IN) | WEIGHT PER 100 (LBS) | DIMENSIONS (IN) |      |      |      |      |      |
|------------|-----------|----------------------|-----------------|------|------|------|------|------|
|            |           |                      | A               | B    | C    | D    | E    | F    |
| YXR1234-01 | 1/4       | 3                    | 0.28            | 0.69 | 1.06 | 1.41 | 2.03 | 0.38 |
| YXR1234-02 | 5/16      | 3.8                  | 0.34            | 0.81 | 1.25 | 1.53 | 2.16 | 0.50 |
| YXR1234-03 | 3/8       | 7                    | 0.44            | 0.94 | 1.47 | 1.72 | 2.47 | 0.62 |
| YXR1234-04 | 1/2       | 12.5                 | 0.53            | 1.12 | 1.75 | 1.97 | 2.84 | 0.75 |
| YXR1234-05 | 5/8       | 25                   | 0.66            | 1.38 | 2.38 | 2.34 | 3.59 | 1.00 |

### DIN6899B THIMBLE

| ITEM NO.   | SIZE (MM) | DIMENSIONS (MM) |      |     |     |      |      |
|------------|-----------|-----------------|------|-----|-----|------|------|
|            |           | A               | B    | C   | D   | S    | T    |
| YXR1235-01 | 2.5       | 2.5-3           | 4.5  | 12  | 19  | 1.6  | 4    |
| YXR1235-02 | 3.5       | 3.5-4           | 5.5  | 13  | 21  | 1.6  | 4.25 |
| YXR1235-03 | 4         | 4-5             | 6.5  | 14  | 23  | 1.9  | 4.5  |
| YXR1235-04 | 5         | 5-6             | 7.5  | 16  | 25  | 2.4  | 6.5  |
| YXR1235-05 | 6         | 6-7             | 8.5  | 18  | 28  | 2.4  | 7    |
| YXR1235-06 | 7         | 7-8             | 10   | 20  | 32  | 2.8  | 8    |
| YXR1235-07 | 9         | 9-10            | 12.5 | 24  | 38  | 3.1  | 8    |
| YXR1235-08 | 11        | 11-12           | 15   | 28  | 45  | 3.3  | 9.5  |
| YXR1235-09 | 13        | 13-13           | 16   | 30  | 48  | 3.3  | 10   |
| YXR1235-10 | 13-14     | 13-14           | 17.5 | 32  | 51  | 3.7  | 11   |
| YXR1235-11 | 15        | 15-16           | 20   | 36  | 58  | 3.8  | 12.5 |
| YXR1235-12 | 17-17     | 17-17           | 21   | 38  | 61  | 4.5  | 13   |
| YXR1235-13 | 16        | 16-18           | 22   | 40  | 64  | 4.7  | 13   |
| YXR1235-14 | 18        | 18-20           | 24.5 | 45  | 72  | 5.7  | 15   |
| YXR1235-15 | 20        | 20-22           | 27   | 50  | 80  | 5.7  | 16   |
| YXR1235-16 | 22        | 22-24           | 30   | 56  | 90  | 6.5  | 17   |
| YXR1235-17 | 24        | 24-26           | 33   | 62  | 99  | 6.8  | 21.5 |
| YXR1235-18 | 26        | 26-28           | 35   | 70  | 112 | 8    | 23   |
| YXR1235-19 | 28        | 28-30           | 37   | 75  | 120 | 8    | 25.5 |
| YXR1235-20 | 30        | 30-32           | 39   | 80  | 128 | 8    | 26.5 |
| YXR1235-21 | 32        | 32-34           | 41   | 95  | 152 | 8    | 27   |
| YXR1235-22 | 34        | 34-36           | 43   | 100 | 160 | 8.5  | 27.5 |
| YXR1235-23 | 36        | 36-38           | 45   | 110 | 176 | 8.5  | 27.5 |
| YXR1235-24 | 38        | 38-40           | 48   | 115 | 184 | 10.5 | 33   |
| YXR1235-25 | 40        | 40-42           | 50   | 120 | 192 | 10.5 | 33   |
| YXR1235-26 | 42        | 42-45           | 57   | 150 | 240 | 10.5 | 37.5 |
| YXR1235-27 | 46        | 46-48           | 58   | 160 | 256 | 14   | 42   |
| YXR1235-28 | 50        | 50-52           | 60   | 170 | 272 | 16   | 46   |
| YXR1235-29 | 54        | 54-56           | 64   | 180 | 288 | 20   | 52   |
| YXR1235-30 | 56        | 56-58           | 67   | 180 | 299 | 21   | 53   |
| YXR1235-31 | 62        | 62-64           | 74   | 190 | 300 | 22   | 55   |
| YXR1235-32 | 64        | 64-66           | 77   | 200 | 320 | 23   | 56   |



YXR1235



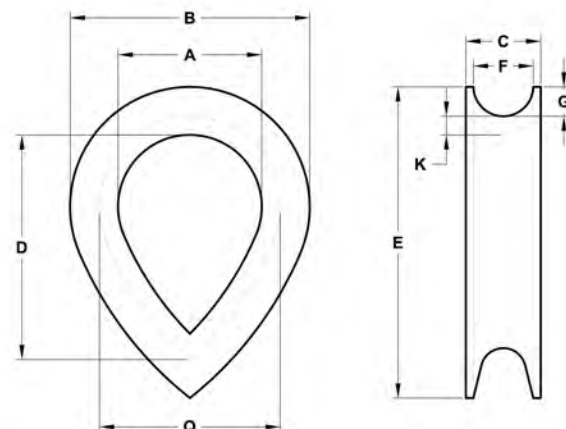
YXR1236

## US TYPE SOLID WIRE ROPE THIMBLES S412

| ITEM NO.   | ROPE SIZE     |       | WEIGHT PER 100 (LBS) | DIMENSIONS (IN) |      |      |      |      |      |      |      |      |      |      |  |
|------------|---------------|-------|----------------------|-----------------|------|------|------|------|------|------|------|------|------|------|--|
|            | (IN)          | (MM)  |                      | A               | B    | C    | D    | E    | F    | G    | H    | J    | K    | L    |  |
| YXR1236-01 | 1/2           | 13    | 0.61                 | 2.81            | 1.75 | 0.25 | 1.06 | 0.75 | 0.56 | 0.28 | 0.88 | 2.13 | 1.63 | 1.56 |  |
| YXR1236-02 | 5/8           | 16    | 2.21                 | 4.69            | 3.00 | 0.38 | 1.31 | 1.06 | 0.81 | 0.41 | 1.13 | 3.38 | 2.25 | 2.56 |  |
| YXR1236-03 | 3/4           | 18-20 | 2.32                 | 4.69            | 3.00 | 0.38 | 1.50 | 1.06 | 0.81 | 0.41 | 1.38 | 3.38 | 2.25 | 2.56 |  |
| YXR1236-04 | 7/8           | 22    | 5.45                 | 6.06            | 3.81 | 0.50 | 1.75 | 1.38 | 1.06 | 0.53 | 1.63 | 4.50 | 3.25 | 3.44 |  |
| YXR1236-05 | 1             | 24-26 | 5.25                 | 6.06            | 3.81 | 0.50 | 2.13 | 1.38 | 1.06 | 0.53 | 1.81 | 4.50 | 3.25 | 3.44 |  |
| YXR1236-06 | 1-1/8         | 28-30 | 9.29                 | 7.25            | 4.56 | 0.63 | 2.38 | 1.75 | 1.31 | 0.66 | 2.06 | 5.38 | 3.88 | 4.06 |  |
| YXR1236-07 | 1-1/4 - 1-3/8 | 32-35 | 9.81                 | 7.25            | 4.56 | 0.63 | 2.63 | 1.94 | 1.53 | 0.78 | 2.31 | 5.38 | 3.88 | 4.13 |  |



YXR1237

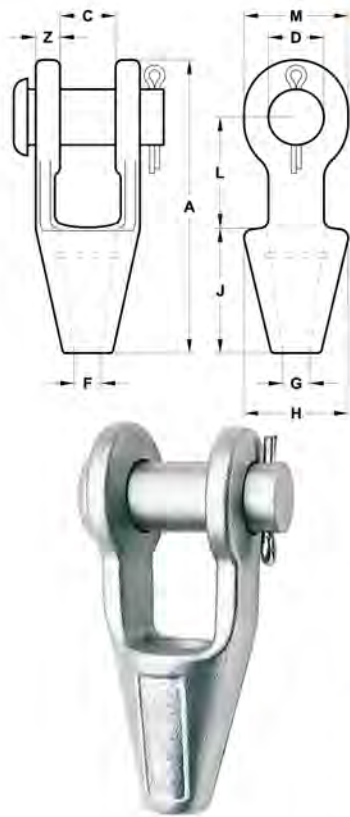


## BS464 THIMBLES

| ITEM NO.   | NOMINAL DIA OF ROPE |    | APPROX CIRCLE | A     |      | B       |        | C    |        | D    |        | E    |         | F    |        | G    |        | K    |         | Q    |    |
|------------|---------------------|----|---------------|-------|------|---------|--------|------|--------|------|--------|------|---------|------|--------|------|--------|------|---------|------|----|
|            | IN                  | MM |               | IN    | IN   | MM      | IN     | IN   | MM     | IN   | MM     | IN   | MM      | IN   | MM     | IN   | MM     | IN   | MM      | IN   | MM |
| YXR1237-01 | 5/16                | 8  | 1             | 7/8   | 22.2 | 1-1/2   | 1/2    | 12.7 | 1-5/16 | 33.4 | 2-1/8  | 52   | 4/16    | 7.9  | 5/32   | 4    | 5/32   | 4    | 1-3/16  | 30.1 |    |
| YXR1237-02 | 3/8                 | 9  | 1-1/4         | 1     | 25.4 | 1-7/8   | 9/16   | 14.3 | 1-1/2  | 38   | 2-1/2  | 64   | 13/32   | 10.3 | 1/4    | 6.3  | 3/16   | 4.8  | 1-3/8   | 31.8 |    |
| YXR1237-03 | 7/16                | 11 | 1-1/2         | 1-1/8 | 28.6 | 2-1/8   | 11/16  | 17.5 | 1-1/2  | 41.3 | 2-7/8  | 73   | 1/2     | 12.7 | 5/16   | 7.9  | 3/16   | 4.8  | 1-1/2   | 38   |    |
| YXR1237-04 | 1/2                 | 13 | 1-5/8         | 1-1/4 | 31.7 | 2-5/16  | 13/16  | 20.6 | 1-3/4  | 44.5 | 3-1/8  | 79.4 | 9/16    | 14.3 | 5/16   | 7.9  | 7/32   | 5.5  | 1-11/16 | 42.9 |    |
| YXR1237-05 | 9/16                | 14 | 1-3/4         | 1-1/4 | 31.7 | 2-5/16  | 13/16  | 20.6 | 1-3/4  | 44.5 | 3-1/8  | 79.4 | 9/16    | 14.3 | 5/16   | 7.9  | 7/32   | 5.5  | 1-11/16 | 42.9 |    |
| YXR1237-06 | 5/8                 | 16 | 2             | 1-5/8 | 41.3 | 2-15/16 | 7/8    | 22.2 | 2-5/16 | 58.8 | 3-7/8  | 95.8 | 5/8     | 15.9 | 11/32  | 8.7  | 5/16   | 7.9  | 2-1/4   | 56   |    |
| YXR1237-07 | 11/16               | 17 | 2-1/4         | 1-3/4 | 44.5 | 3-1/8   | 1-1/8  | 28.6 | 2-5/8  | 66.6 | 4-1/4  | 108  | 3/4     | 19   | 3/8    | 9.5  | 5/16   | 7.9  | 2-3/8   | 60.4 |    |
| YXR1237-08 | 3/4                 | 19 | 2-3/8         | 2     | 50.8 | 3-5/8   | 1-1/8  | 28.6 | 2-7/8  | 73   | 4-7/8  | 124  | 13/16   | 20.6 | 7/16   | 11.1 | 3/8    | 9.5  | 2-3/4   | 69.8 |    |
| YXR1237-09 | 13/16               | 21 | 2-1/2         | 2     | 50.8 | 3-5/8   | 1-1/8  | 28.6 | 2-7/8  | 73   | 4-7/8  | 121  | 13/16   | 20.6 | 7/16   | 11.1 | 3/8    | 9.5  | 2-3/4   | 69.8 |    |
| YXR1237-10 | 7/8                 | 22 | 2-3/4         | 2-1/4 | 56   | 4       | 1-1/4  | 31.7 | 3-1/4  | 82.5 | 4-1/4  | 131  | 7/8     | 22.2 | 1/2    | 12.7 | 3/8    | 9.5  | 3       | 76.2 |    |
| YXR1237-11 | 15/16               | 24 | 3             | 2-1/2 | 64   | 5-11/16 | 1-5/16 | 33.4 | 3-5/8  | 92   | 5-3/4  | 146  | 1       | 25.4 | 1/2    | 12.7 | 13/32  | 10.3 | 3-5/16  | 84   |    |
| YXR1237-12 | 1                   | 25 | 3-1/4         | 2-3/4 | 69.8 | 5-11/16 | 1-3/8  | 35   | 4-1/4  | 108  | 6-3/8  | 162  | 1-1/16  | 27   | 9/16   | 14.3 | 13/32  | 10.3 | 3-9/16  | 90.5 |    |
| YXR1237-13 | 1-1/8               | 29 | 3-1/2         | 3     | 76.2 | 5-1/4   | 1-1/8  | 38   | 4-3/8  | 112  | 7      | 178  | 1-1/8   | 28.6 | 5/8    | 15.9 | 1/2    | 12.7 | 4       | 102  |    |
| YXR1237-14 | 1-1/4               | 32 | 4             | 3-3/4 | 95   | 6       | 1-5/8  | 41.3 | 5-1/4  | 133  | 7-3/4  | 197  | 1-5/16  | 33.4 | 5/8    | 15.9 | 1/2    | 12.7 | 4-3/4   | 121  |    |
| YXR1237-15 | 1-3/8               | 35 | 4-1/2         | 4-1/8 | 105  | 6-7/8   | 1-7/8  | 47.6 | 6      | 152  | 9      | 228  | 1-1/2   | 38   | 3/4    | 19   | 5/8    | 15.9 | 5-3/8   | 137  |    |
| YXR1237-16 | 1-1/2               | 38 | 5             | 4-1/2 | 114  | 7-3/4   | 2-1/8  | 52   | 6-1/2  | 165  | 10     | 254  | 1-5/8   | 41.3 | 15/16  | 23.8 | 1-1/16 | 17.5 | 5-7/8   | 149  |    |
| YXR1237-17 | 1-5/8               | 41 | 5-1/4         | 4-1/2 | 114  | 7-3/4   | 2-3/16 | 58.6 | 6-1/2  | 165  | 10     | 254  | 1-11/16 | 42.9 | 15/16  | 23.8 | 1-1/16 | 17.5 | 5-7/8   | 149  |    |
| YXR1237-18 | 1-3/4               | 44 | 5-1/2         | 5     | 127  | 9       | 2-1/4  | 56   | 7      | 178  | 11-1/4 | 286  | 2       | 50.8 | 1      | 25.4 | 1      | 25.4 | 7       | 178  |    |
| YXR1237-19 | 1-7/8               | 48 | 6             | 5-1/4 | 133  | 9-3/4   | 2-5/8  | 66.6 | 7-1/2  | 190  | 12-1/4 | 317  | 2-3/8   | 60.4 | 1-1/8  | 28.6 | 1-1/8  | 28.6 | 7-1/2   | 190  |    |
| YXR1237-20 | 2                   | 51 | 6-1/4         | 5-1/2 | 140  | 10-1/8  | 2-2/4  | 69.8 | 8      | 203  | 13     | 330  | 2-1/8   | 64   | 1-3/16 | 30.1 | 1-1/8  | 28.6 | 7-3/4   | 197  |    |
| YXR1237-21 | 2-1/8               | 54 | 6-1/2         | 5-1/2 | 140  | 10-1/8  | 2-3/4  | 69.8 | 8      | 203  | 13     | 330  | 2-1/2   | 64   | 1-3/16 | 30.1 | 1-1/8  | 28.6 | 7-3/4   | 197  |    |
| YXR1237-22 | 2-1/4               | 57 | 7             | 5-3/4 | 146  | 10-5/8  | 3      | 76.2 | 8-1/2  | 216  | 14     | 356  | 2-5/8   | 66.6 | 1-1/4  | 31.7 | 1-3/16 | 30.1 | 8-1/3   | 206  |    |
| YXR1237-23 | 2-1/2               | 64 | 8             | 6-1/4 | 159  | 12-1/4  | 3-3/4  | 95   | 9-1/2  | 242  | 16-1/4 | 414  | 2-3/4   | 69.8 | 1-3/4  | 44.5 | 1-1/4  | 31.7 | 8-3/4   | 222  |    |

## OTHER THIMBLES





YXR1238

### G416/S416 OPEN SPELTER SOCKETS

| ITEM NO.   | ROPE SIZE   |        | UL* (T) | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |       |       |       |       |      |  |  |  |
|------------|-------------|--------|---------|----------|-----------------|------|------|------|------|-------|-------|-------|-------|------|--|--|--|
|            | (IN)        | (MM)   |         |          | A               | C    | D    | F    | G    | H     | J     | L     | M     | N    |  |  |  |
| YXR1238-01 | 1/4         | 6-7    | 4.5     | 1.10     | 4.56            | 0.75 | 0.69 | 0.38 | 0.69 | 1.56  | 2.25  | 1.56  | 1.31  | 0.56 |  |  |  |
| YXR1238-02 | 5/16-3/8    | 8-10   | 12      | 1.30     | 4.84            | 0.81 | 0.81 | 0.50 | 0.81 | 1.69  | 2.25  | 1.75  | 1.50  | 0.44 |  |  |  |
| YXR1238-03 | 7/16-1/2    | 10-13  | 20      | 2.25     | 5.56            | 1.00 | 1.00 | 0.56 | 0.94 | 1.88  | 2.50  | 2.00  | 1.88  | 0.50 |  |  |  |
| YXR1238-04 | 9/16-5/8    | 14-16  | 27      | 3.60     | 6.75            | 1.25 | 1.19 | 0.69 | 1.13 | 2.25  | 3.00  | 2.50  | 2.25  | 0.56 |  |  |  |
| YXR1238-05 | 3/4         | 18     | 43      | 5.83     | 7.94            | 1.50 | 1.38 | 0.81 | 1.25 | 2.62  | 3.50  | 3.00  | 2.62  | 0.62 |  |  |  |
| YXR1238-06 | 7/8         | 20-22  | 55      | 9.65     | 9.25            | 1.75 | 1.63 | 0.94 | 1.50 | 3.25  | 4.00  | 3.50  | 3.13  | 0.80 |  |  |  |
| YXR1238-07 | 1           | 24-26  | 78      | 15.50    | 10.56           | 2.00 | 2.00 | 1.13 | 1.75 | 3.75  | 4.50  | 4.00  | 3.75  | 0.88 |  |  |  |
| YXR1238-08 | 1-1/8       | 28-30  | 92      | 21.50    | 11.81           | 2.25 | 2.25 | 1.25 | 2.00 | 4.12  | 5.00  | 4.62  | 4.12  | 1.00 |  |  |  |
| YXR1238-09 | 1-1/4-1-3/8 | 32-35  | 136     | 31.00    | 13.19           | 2.50 | 2.50 | 1.50 | 2.25 | 4.75  | 5.50  | 5.00  | 4.75  | 1.13 |  |  |  |
| YXR1238-10 | 1-1/2       | 38     | 170     | 47.25    | 15.12           | 3.00 | 2.75 | 1.63 | 2.75 | 5.25  | 6.00  | 6.00  | 5.38  | 1.19 |  |  |  |
| YXR1238-11 | 1-5/8       | 40-42  | 188     | 55.00    | 16.25           | 3.00 | 3.00 | 1.75 | 3.00 | 5.50  | 6.50  | 6.50  | 5.75  | 1.38 |  |  |  |
| YXR1238-12 | 1-3/4-1-7/8 | 44-48  | 288     | 82.00    | 18.25           | 3.50 | 3.50 | 2.00 | 3.13 | 6.38  | 7.50  | 7.00  | 6.50  | 1.50 |  |  |  |
| YXR1238-13 | 2-2-1/8     | 50-54  | 291     | 129.00   | 21.50           | 4.00 | 3.75 | 2.25 | 3.75 | 7.38  | 8.50  | 9.00  | 7.00  | 1.81 |  |  |  |
| YXR1238-14 | 2-1/4-2-3/8 | 56-60  | 360     | 167.00   | 23.50           | 4.50 | 4.25 | 2.50 | 4.00 | 8.25  | 9.00  | 10.00 | 7.75  | 2.13 |  |  |  |
| YXR1238-15 | 2-1/2-2-5/8 | 64-67  | 424     | 252.00   | 25.50           | 5.00 | 4.75 | 2.88 | 4.50 | 9.25  | 9.75  | 10.75 | 8.50  | 2.38 |  |  |  |
| YXR1238-16 | 2-3/4-2-7/8 | 70-73  | 511     | 315.00   | 27.25           | 5.25 | 5.00 | 3.12 | 4.88 | 10.50 | 11.00 | 11.00 | 9.00  | 2.28 |  |  |  |
| YXR1238-17 | 3-2-1/8     | 75-80  | 563     | 380.00   | 29.00           | 5.75 | 5.25 | 3.38 | 5.25 | 11.12 | 12.00 | 11.25 | 9.50  | 3.00 |  |  |  |
| YXR1238-18 | 3-1/4-3-3/8 | 82-86  | 722     | 434.00   | 30.88           | 6.25 | 5.50 | 3.62 | 5.75 | 11.88 | 13.00 | 11.75 | 10.00 | 3.12 |  |  |  |
| YXR1238-19 | 3-1/2-3-5/8 | 88-92  | 779     | 563.00   | 33.25           | 6.75 | 6.00 | 3.88 | 6.50 | 12.38 | 14.00 | 12.50 | 10.75 | 3.25 |  |  |  |
| YXR1238-20 | 3-3/4-4     | 94-102 | 875     | 783.00   | 36.25           | 7.50 | 7.00 | 4.25 | 7.25 | 13.62 | 15.00 | 13.50 | 12.50 | 3.50 |  |  |  |

◆ UL\*: Ultimate Load.

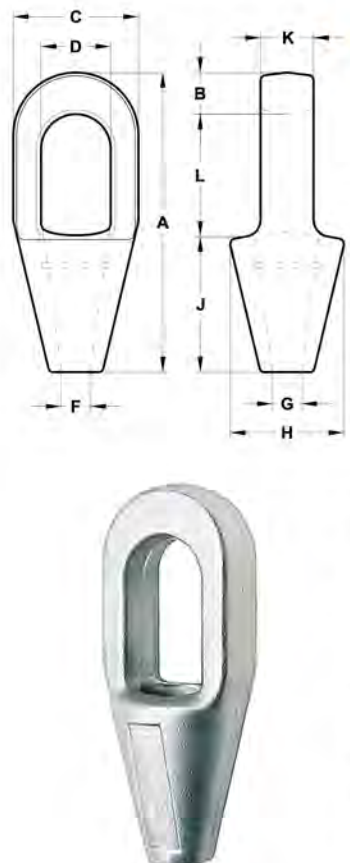


YXR1240

### G517 MOORING SPELTER SOCKETS

| ITEM NO.   | WIRE ROPE SIZE |        | UL* (T) | WT (LBS) | DIMENSIONS (IN) |      |       |       |      |       |       |      |  |  |
|------------|----------------|--------|---------|----------|-----------------|------|-------|-------|------|-------|-------|------|--|--|
|            | (IN)           | (MM)   |         |          | A               | B    | C     | D     | E    | F     | G     | H    |  |  |
| YXR1240-01 | 1-1/4-1-3/8    | 32-35  | 113     | 17       | 1.63            | 3.09 | 3.63  | 4.45  | 1.44 | 5.13  | 10.89 | 1.53 |  |  |
| YXR1240-02 | 1-1/2-1-5/8    | 38-41  | 136     | 30       | 1.95            | 3.69 | 4.32  | 5.43  | 1.60 | 6.31  | 13.00 | 1.81 |  |  |
| YXR1240-03 | 1-3/4-1-7/8    | 44-48  | 181     | 43       | 2.23            | 4.16 | 4.53  | 6.30  | 1.84 | 7.22  | 14.11 | 2.09 |  |  |
| YXR1240-04 | 2-2-1/8        | 50-54  | 227     | 57       | 2.50            | 4.75 | 5.26  | 7.02  | 2.09 | 8.25  | 16.02 | 2.24 |  |  |
| YXR1240-05 | 2-1/4-2-3/8    | 57-60  | 277     | 76       | 2.78            | 5.25 | 5.78  | 7.72  | 2.31 | 9.16  | 17.90 | 2.62 |  |  |
| YXR1240-0  | 2-1/2-2-5/8    | 64-67  | 363     | 106      | 3.05            | 5.88 | 6.71  | 8.53  | 2.69 | 10.13 | 19.89 | 2.66 |  |  |
| YXR1240-0  | 2-3/4-2-7/8    | 70-73  | 454     | 138      | 3.33            | 6.50 | 7.13  | 9.35  | 3.00 | 11.09 | 21.63 | 2.98 |  |  |
| YXR1240-08 | 3-3-1/8        | 76-79  | 544     | 193      | 3.50            | 7.25 | 7.74  | 10.30 | 3.25 | 12.31 | 23.50 | 3.24 |  |  |
| YXR1240-09 | 3-1/4-3-3/8    | 82-86  | 635     | 229      | 3.81            | 7.62 | 8.80  | 10.94 | 3.50 | 13.13 | 25.75 | 3.43 |  |  |
| YXR1240-10 | 3-1/2-3-5/8    | 88-92  | 735     | 279      | 4.15            | 8.00 | 9.06  | 11.72 | 3.69 | 13.96 | 27.70 | 4.12 |  |  |
| YXR1240-11 | 3-3/4-4        | 95-102 | 907     | 384      | 4.39            | 8.75 | 10.50 | 12.91 | 3.69 | 15.88 | 30.13 | 4.46 |  |  |

◆ UL\*: Ultimate Load.



YXR1239

### G417/S417 CLOSED SPELTER SOCKETS

| ITEM NO.   | ROPE SIZE   |        | UL* (T) | WT (LBS) | DIMENSIONS (IN) |      |       |      |      |      |       |       |      |       |  |  |  |
|------------|-------------|--------|---------|----------|-----------------|------|-------|------|------|------|-------|-------|------|-------|--|--|--|
|            | (IN)        | (MM)   |         |          | A               | B    | C     | D    | F    | G    | H     | J     | K    | L     |  |  |  |
| YXR1239-01 | 1/4         | 6-7    | 4.5     | 0.50     | 4.50            | 0.50 | 1.50  | 0.88 | 0.38 | 0.69 | 1.56  | 2.25  | 0.50 | 1.75  |  |  |  |
| YXR1239-02 | 5/16-3/8    | 8-10   | 12      | 0.75     | 4.94            | 0.62 | 1.69  | 0.97 | 0.50 | 0.81 | 1.69  | 2.25  | 0.69 | 2.06  |  |  |  |
| YXR1239-03 | 7/16-1/2    | 10-13  | 20      | 1.50     | 5.50            | 0.69 | 2.00  | 1.16 | 0.56 | 0.94 | 2.00  | 2.50  | 0.88 | 2.31  |  |  |  |
| YXR1239-04 | 9/16-5/8    | 14-16  | 30.8    | 2.50     | 6.31            | 0.81 | 2.63  | 1.41 | 0.69 | 1.12 | 2.38  | 3.00  | 1.00 | 2.50  |  |  |  |
| YXR1239-05 | 3/4         | 18     | 43.5    | 4.25     | 7.62            | 1.06 | 3.00  | 1.66 | 0.88 | 1.25 | 2.75  | 3.50  | 1.25 | 3.06  |  |  |  |
| YXR1239-06 | 7/8         | 20-22  | 65.3    | 7.25     | 8.75            | 1.25 | 3.63  | 1.94 | 1.00 | 1.50 | 3.25  | 4.00  | 1.50 | 3.50  |  |  |  |
| YXR1239-07 | 1           | 24-26  | 81.6    | 10.50    | 9.88            | 1.38 | 4.13  | 2.30 | 1.13 | 1.75 | 3.75  | 4.50  | 1.75 | 4.00  |  |  |  |
| YXR1239-08 | 1-1/8       | 28-30  | 100     | 14.25    | 11.00           | 1.50 | 4.50  | 2.56 | 1.25 | 2.00 | 4.13  | 5.00  | 2.00 | 4.50  |  |  |  |
| YXR1239-09 | 1-1/4-1-3/8 | 32-35  | 137     | 19.75    | 12.12           | 1.63 | 5.00  | 2.81 | 1.50 | 2.25 | 4.75  | 5.50  | 2.25 | 5.00  |  |  |  |
| YXR1239-10 | 1-1/2       | 38     | 170     | 29.20    | 13.94           | 1.94 | 5.38  | 3.19 | 1.63 | 2.75 | 5.25  | 6.00  | 2.50 | 6.00  |  |  |  |
| YXR1239-11 | 1-5/8       | 40-42  | 188     | 36.00    | 15.13           | 2.13 | 5.75  | 3.25 | 1.75 | 3.00 | 5.50  | 6.50  | 2.75 | 6.50  |  |  |  |
| YXR1239-12 | 1-3/4-1-7/8 | 44-48  | 268     | 57.25    | 17.25           | 2.19 | 6.75  | 3.75 | 2.00 | 3.13 | 6.38  | 7.50  | 3.00 | 7.56  |  |  |  |
| YXR1239-13 | 2-2-1/8     | 50-54  | 309     | 79.00    | 19.87           | 2.44 | 7.63  | 4.38 | 2.25 | 3.75 | 7.38  | 8.50  | 3.25 | 8.81  |  |  |  |
| YXR1239-14 | 2-1/4-2-3/8 | 56-60  | 360     | 105.00   | 21.50           | 2.75 | 8.50  | 5.00 | 2.63 | 4.13 | 8.25  | 9.00  | 3.63 | 9.75  |  |  |  |
| YXR1239-15 | 2-1/2-2-5/8 | 64-67  | 424     | 140.00   | 23.50           | 3.12 | 9.50  | 5.50 | 2.88 | 4.50 | 9.25  | 9.75  | 4.00 | 10.62 |  |  |  |
| YXR1239-16 | 2-3/4-2-7/8 | 70-73  | 549     | 220.00   | 25.38           | 3.12 | 10.75 | 6.25 | 3.12 | 4.88 | 10.19 | 11.00 | 4.88 | 11.25 |  |  |  |
| YXR1239-17 | 3-2-1/8     | 75-80  | 656     | 276.00   | 27.12           | 3.37 | 11.50 | 6.75 | 3.38 | 5.25 | 11.50 | 12.00 | 5.25 | 11.75 |  |  |  |
| YXR1239-18 | 3-1/4-3-3/8 | 82-86  | 750     | 313.00   | 29.25           | 4.00 | 12.25 | 7.25 | 3.62 | 5.75 | 12.25 | 13.00 | 5.75 | 12.25 |  |  |  |
| YXR1239-19 | 3-1/2-3-5/8 | 88-92  | 820     | 400.00   | 31.00           | 4.00 | 13.00 | 7.75 | 3.88 | 6.31 | 13.00 | 14.00 | 6.25 | 13.00 |  |  |  |
| YXR1239-20 | 3-3/4-4     | 94-102 | 1005    | 542.00   | 33.25           | 4.25 | 14.25 | 8.50 | 4.25 | 7.25 | 14.25 | 15.00 | 7.00 | 14.00 |  |  |  |

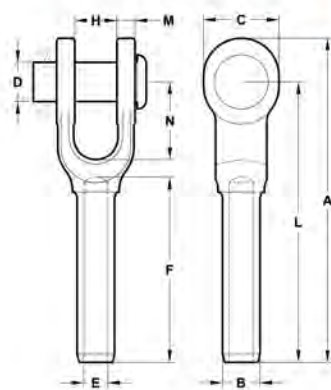
◆ UL\*: Ultimate Load.



YXR1241

### S421T WEDGE SOCKETS

| ITEM NO.   | WIRE ROPE SIZE |       | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |      |       |      |      |      |      |      |      |      |
|------------|----------------|-------|----------|-----------------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
|            | (IN)           | (MM)  |          | A               | B    | C    | D    | G    | H    | J     | K    | L    | P    | R    | S    | T    | U    |
| YXR1241-01 | 3/8            | 9-10  | 3.18     | 5.69            | 2.72 | 0.81 | 0.81 | 1.38 | 3.06 | 7.80  | 1.88 | 0.88 | 1.56 | 0.44 | 2.13 | 0.44 | 1.25 |
| YXR1241-02 | 1/2            | 11-13 | 6.15     | 6.88            | 3.47 | 1.00 | 1.00 | 1.62 | 3.76 | 8.91  | 1.26 | 1.06 | 1.94 | 0.50 | 2.56 | 0.53 | 1.75 |
| YXR1241-03 | 5/8            | 14-16 | 9.70     | 8.25            | 4.30 | 1.25 | 1.19 | 2.12 | 4.47 | 10.75 | 1.99 | 1.22 | 2.25 | 0.56 | 3.25 | 0.69 | 2.00 |
| YXR1241-04 | 3/4            | 18-19 | 14.50    | 9.88            | 5.12 | 1.50 | 1.38 | 2.44 | 5.28 | 12.36 | 2.41 | 1.40 | 2.63 | 0.66 | 3.63 | 0.78 | 2.34 |
| YXR1241-05 | 7/8            | 20-22 | 21.50    | 11.25           | 5.85 | 1.75 | 1.63 | 2.69 | 6.16 | 14.37 | 2.48 | 1.67 | 3.13 | 0.75 | 4.31 | 0.88 | 2.69 |
| YXR1241-06 | 1              | 24-26 | 30.75    | 12.81           | 6.32 | 2.00 | 2.00 | 2.94 | 6.96 | 16.29 | 3.04 | 2.00 | 3.75 | 0.88 | 4.70 | 1.03 | 2.88 |
| YXR1241-07 | 1-1/8          | 28    | 45.30    | 14.38           | 6.92 | 2.25 | 2.25 | 3.31 | 7.62 | 18.34 | 2.56 | 2.25 | 4.25 | 1.00 | 5.44 | 1.10 | 3.25 |
| YXR1241-08 | 1-1/4          | 30-32 | 64.90    | 16.34           | 8.73 | 2.62 | 2.62 | 3.56 | 9.39 | 20.48 | 2.94 | 2.34 | 4.50 | 1.06 | 6.13 | 1.19 | 4.62 |

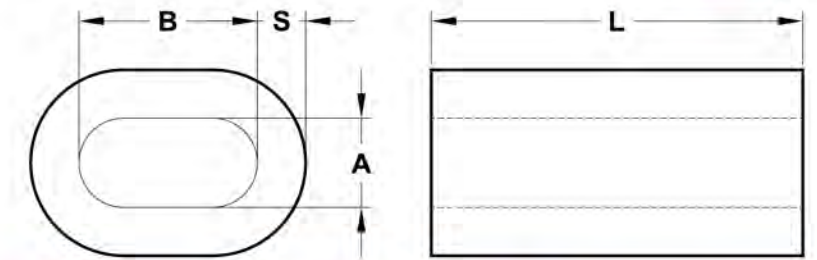


YXR1242

## S501 OPEN SWAGE SOCKETS

| ITEM NO.   | WIRE ROPE SIZE |       | UL* (T) | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |       |      |       |      |      |  |
|------------|----------------|-------|---------|----------|-----------------|------|------|------|------|-------|------|-------|------|------|--|
|            | (IN)           | (MM)  |         |          | A               | B    | C    | D    | E    | F     | H    | L     | M    | N    |  |
| YXR1242-01 | 1/4            | 6     | 5.4     | 0.52     | 4.78            | 0.50 | 1.38 | 0.69 | 0.27 | 2.19  | 0.69 | 4.00  | 0.38 | 1.47 |  |
| YXR1242-02 | 5/16           | 8     | 11.8    | 1.12     | 6.30            | 0.78 | 1.62 | 0.81 | 0.34 | 3.25  | 0.80 | 5.34  | 0.48 | 1.67 |  |
| YXR1242-03 | 3/8            | 9-10  | 13.6    | 1.30     | 6.30            | 0.78 | 1.62 | 0.81 | 0.41 | 3.25  | 0.80 | 5.34  | 0.48 | 1.67 |  |
| YXR1242-04 | 7/16           | 11-12 | 18.1    | 2.08     | 7.82            | 1.01 | 2.00 | 1.00 | 0.49 | 4.31  | 1.00 | 6.69  | 0.56 | 1.96 |  |
| YXR1242-05 | 1/2            | 13    | 21.3    | 2.08     | 7.82            | 1.01 | 2.00 | 1.00 | 0.55 | 4.31  | 1.00 | 6.69  | 0.56 | 1.96 |  |
| YXR1242-06 | 9/16           | 14    | 31.8    | 4.67     | 9.54            | 1.27 | 2.38 | 1.19 | 0.61 | 5.38  | 1.25 | 8.13  | 0.68 | 2.21 |  |
| YXR1242-07 | 5/8            | 16    | 34.9    | 4.51     | 9.54            | 1.27 | 2.38 | 1.19 | 0.68 | 5.38  | 1.25 | 8.13  | 0.68 | 2.21 |  |
| YXR1242-08 | 3/4            | 18-20 | 43.5    | 7.97     | 11.61           | 1.56 | 2.75 | 1.38 | 0.80 | 6.44  | 1.50 | 10.00 | 0.80 | 2.69 |  |
| YXR1242-09 | 7/8            | 22    | 51.5    | 11.52    | 13.37           | 1.72 | 3.13 | 1.63 | 0.94 | 7.50  | 1.75 | 11.63 | 0.94 | 3.20 |  |
| YXR1242-10 | 1              | 24-26 | 71.4    | 17.80    | 15.47           | 2.00 | 3.69 | 2.00 | 1.07 | 8.63  | 2.00 | 13.38 | 1.07 | 3.68 |  |
| YXR1242-11 | 1-1/8          | 28    | 83.3    | 25.25    | 17.35           | 2.25 | 4.12 | 2.25 | 1.19 | 9.63  | 2.25 | 15.00 | 1.19 | 4.18 |  |
| YXR1242-12 | 1-1/4          | 32    | 109     | 35.56    | 19.20           | 2.53 | 4.59 | 2.50 | 1.34 | 10.69 | 2.50 | 16.50 | 1.27 | 4.68 |  |
| YXR1242-13 | 1-3/8          | 34-36 | 136     | 43.75    | 21.10           | 2.81 | 5.25 | 2.50 | 1.46 | 11.88 | 2.41 | 18.13 | 1.46 | 5.25 |  |
| YXR1242-14 | 1-1/2          | 38-40 | 181     | 58.50    | 23.17           | 3.08 | 5.50 | 2.75 | 1.59 | 12.81 | 3.00 | 19.75 | 1.70 | 5.70 |  |
| YXR1242-15 | 1-3/4          | 44    | 228     | 88.75    | 26.70           | 3.40 | 6.25 | 3.50 | 1.87 | 15.06 | 3.50 | 23.00 | 2.11 | 6.67 |  |
| YXR1242-16 | 2              | 48-52 | 272     | 146.2    | 31.15           | 3.94 | 7.80 | 3.75 | 2.12 | 17.06 | 4.00 | 26.75 | 1.81 | 8.19 |  |

\* UL\*: Ultimate Load.

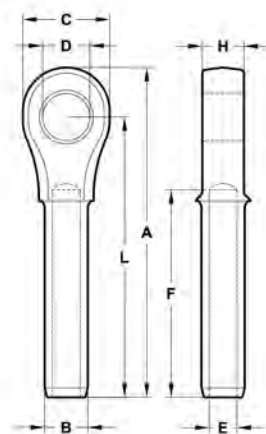


## ALUMINIUM FERRULES SPECIFICATION EN13411-3 (DIN3093)

| ITEM NO.   | FERRULE CODE | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |       |      |     |
|------------|--------------|----------------------|-----------------|-------|------|-----|
|            |              |                      | A               | B     | S    | L   |
| YXR1244-01 | 1            | 0.098                | 1.2             | 2.4   | 0.65 | 5   |
| YXR1244-02 | 1.5          | 0.176                | 1.7             | 3.4   | 0.75 | 6   |
| YXR1244-03 | 2            | 0.285                | 2.2             | 4.4   | 0.85 | 7   |
| YXR1244-04 | 2.5          | 0.439                | 2.7             | 5.4   | 1.05 | 9   |
| YXR1244-05 | 3            | 0.907                | 3.3             | 6.6   | 1.25 | 11  |
| YXR1244-06 | 3.5          | 1.18                 | 3.8             | 7.6   | 1.5  | 13  |
| YXR1244-07 | 4            | 1.63                 | 4.4             | 8.8   | 1.7  | 14  |
| YXR1244-08 | 4.5          | 2.39                 | 4.9             | 9.8   | 1.9  | 16  |
| YXR1244-09 | 5            | 3.62                 | 5.5             | 11.0  | 2.1  | 18  |
| YXR1244-10 | 6            | 5.87                 | 6.6             | 13.2  | 2.5  | 21  |
| YXR1244-11 | 6.5          | 7.18                 | 7.2             | 14.4  | 2.7  | 23  |
| YXR1244-12 | 7            | 9.83                 | 7.8             | 15.6  | 2.9  | 25  |
| YXR1244-13 | 8            | 12.96                | 8.8             | 17.6  | 3.3  | 28  |
| YXR1244-14 | 9            | 18.94                | 9.9             | 19.8  | 3.7  | 32  |
| YXR1244-15 | 10           | 24.09                | 10.9            | 21.8  | 4.1  | 35  |
| YXR1244-16 | 11           | 35.35                | 12.1            | 24.2  | 4.5  | 39  |
| YXR1244-17 | 12           | 44.18                | 13.2            | 26.4  | 4.9  | 42  |
| YXR1244-18 | 13           | 59.86                | 14.2            | 28.4  | 5.4  | 46  |
| YXR1244-19 | 14           | 73.5                 | 15.3            | 30.6  | 5.8  | 49  |
| YXR1244-20 | 16           | 111                  | 17.5            | 35.0  | 6.7  | 56  |
| YXR1244-21 | 18           | 156                  | 19.6            | 39.2  | 7.6  | 63  |
| YXR1244-22 | 20           | 217                  | 21.7            | 43.4  | 8.4  | 70  |
| YXR1244-23 | 22           | 292                  | 24.3            | 48.6  | 9.2  | 77  |
| YXR1244-24 | 24           | 376                  | 26.4            | 52.8  | 10.0 | 84  |
| YXR1244-25 | 26           | 481                  | 28.5            | 57.0  | 10.9 | 91  |
| YXR1244-26 | 28           | 603                  | 31.0            | 62.0  | 11.7 | 98  |
| YXR1244-27 | 30           | 739                  | 33.1            | 66.2  | 12.5 | 105 |
| YXR1244-28 | 32           | 897                  | 35.2            | 70.4  | 13.4 | 112 |
| YXR1244-29 | 34           | 1077                 | 37.8            | 75.6  | 14.2 | 119 |
| YXR1244-30 | 36           | 1275                 | 39.8            | 79.6  | 15.0 | 126 |
| YXR1244-31 | 38           | 1503                 | 41.9            | 83.8  | 15.8 | 133 |
| YXR1244-32 | 40           | 1734                 | 44.0            | 88.0  | 16.6 | 140 |
| YXR1244-3  | 42           | 2024                 | 46.2            | 92.4  | 17.5 | 147 |
| YXR1244-34 | 44           | 2314                 | 48.4            | 96.8  | 18.3 | 154 |
| YXR1244-35 | 46           | 2662                 | 50.6            | 101.2 | 19.2 | 161 |
| YXR1244-36 | 48           | 3010                 | 52.8            | 105.6 | 20.0 | 168 |
| YXR1244-37 | 50           | 3412                 | 55.0            | 110.0 | 20.8 | 175 |
| YXR1244-38 | 52           | 3813                 | 57.2            | 114.4 | 21.6 | 182 |
| YXR1244-39 | 54           | 4293                 | 59.4            | 118.8 | 22.5 | 189 |
| YXR1244-40 | 56           | 4772                 | 61.6            | 123.2 | 23.3 | 196 |
| YXR1244-41 | 58           | 5326                 | 63.8            | 127.6 | 24.2 | 203 |
| YXR1244-42 | 60           | 5880                 | 66.0            | 132.0 | 25.0 | 210 |



YXR1244



YXR1243

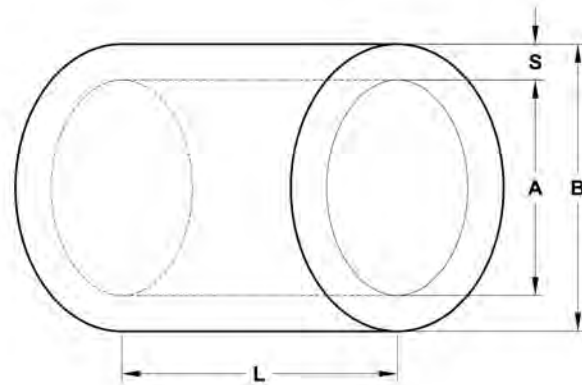
## S502 CLOSED SWAGE SOCKETS

| ITEM NO.   | WIRE ROPE SIZE |       | UL* (T) | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |       |      |       |
|------------|----------------|-------|---------|----------|-----------------|------|------|------|------|-------|------|-------|
|            | (IN)           | (MM)  |         |          | A               | B    | C    | D    | E    | F     | H    | L     |
| YXR1243-01 | 1/4            | 6     | 5.4     | 0.33     | 4.28            | 0.50 | 1.38 | 0.76 | 0.27 | 2.19  | 0.50 | 3.50  |
| YXR1243-02 | 5/16           | 8     | 11.8    | 0.75     | 5.42            | 0.77 | 1.62 | 0.88 | 0.34 | 3.25  | 0.68 | 4.50  |
| YXR1243-03 | 3/8            | 9-10  | 13.6    | 0.72     | 5.42            | 0.78 | 1.62 | 0.88 | 0.41 | 3.25  | 0.68 | 4.50  |
| YXR1243-04 | 7/16           | 11-12 | 18.1    | 1.42     | 6.88            | 1.01 | 2.00 | 1.07 | 0.49 | 4.31  | 0.87 | 5.75  |
| YXR1243-05 | 1/2            | 13    | 21.3    | 1.42     | 6.88            | 1.01 | 2.00 | 1.07 | 0.55 | 4.31  | 0.87 | 5.75  |
| YXR1243-06 | 9/16           | 14    | 31.8    | 2.92     | 8.59            | 1.27 | 2.38 | 1.28 | 0.61 | 5.38  | 1.14 | 7.25  |
| YXR1243-07 | 5/8            | 16    | 34.9    | 2.85     | 8.59            | 1.27 | 2.38 | 1.28 | 0.68 | 5.38  | 1.14 | 7.25  |
| YXR1243-08 | 3/4            | 18-20 | 43.5    | 5.00     | 10.25           | 1.56 | 2.88 | 1.49 | 0.80 | 6.44  | 1.33 | 8.63  |
| YXR1243-09 | 7/8            | 22    | 51.5    | 6.80     | 11.87           | 1.72 | 3.12 | 1.73 | 0.94 | 7.50  | 1.53 | 10.09 |
| YXR1243-10 | 1              | 24-26 | 71.4    | 10.40    | 13.56           | 2.00 | 3.62 | 2.11 | 1.07 | 8.63  | 1.78 | 11.50 |
| YXR1243-11 | 1-1/8          | 28    | 83.3    | 14.82    | 15.03           | 2.25 | 4.00 | 2.37 | 1.19 | 9.75  | 2.03 | 12.75 |
| YXR1243-12 | 1-1/4          | 32    | 109     | 21.57    | 16.94           | 2.53 | 4.50 | 2.62 | 1.34 | 10.81 | 2.25 | 14.38 |
| YXR1243-13 | 1-3/8          | 34-36 | 136     | 28.54    | 18.59           | 2.81 | 5.00 | 2.62 | 1.46 | 11.88 | 2.29 | 15.75 |
| YXR1243-14 | 1-1/2          | 38-40 | 181     | 38.06    | 20.13           | 3.08 | 5.38 | 2.87 | 1.59 | 12.81 | 2.56 | 17.00 |
| YXR1243-15 | 1-3/4          | 44    | 228     | 51.00    | 23.56           | 3.40 | 6.25 | 3.63 | 1.87 | 15.06 | 3.08 | 20.00 |
| YXR1243-16 | 2              | 48-52 | 272     | 89.25    | 27.13           | 3.94 | 7.25 | 3.88 | 2.12 | 17.06 | 3.31 | 23.00 |

\* UL\*: Ultimate Load.



YXR1245

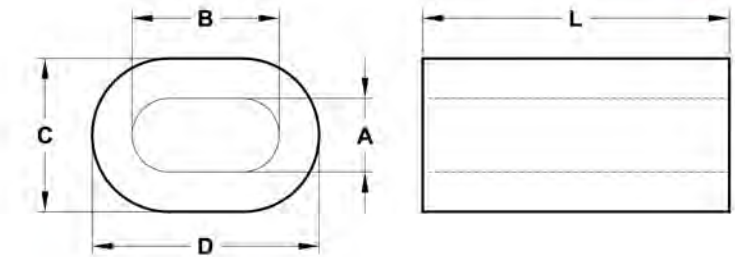


### SEAMLESS ALUMINIUM ROUND SLEEVES

| ITEM NO.   | FERRULE CODE | WEIGHT PER 1000 (KG) | DIMENSIONS (IN) |      |      |     |
|------------|--------------|----------------------|-----------------|------|------|-----|
|            |              |                      | A               | B    | S    | L   |
| YXR1245-01 | #6           | 8                    | 11              | 16   | 2.5  | 25  |
| YXR1245-02 | #7           | 12                   | 12.7            | 18.5 | 2.9  | 30  |
| YXR1245-03 | #8           | 18                   | 14.6            | 21.2 | 3.3  | 34  |
| YXR1245-04 | #9           | 25                   | 16.4            | 23.8 | 3.7  | 38  |
| YXR1245-05 | #10          | 33                   | 18.1            | 26.3 | 4.1  | 42  |
| YXR1245-06 | #11          | 45                   | 20              | 29   | 4.5  | 47  |
| YXR1245-07 | #12          | 57                   | 21.8            | 31.6 | 4.9  | 50  |
| YXR1245-08 | #13          | 74                   | 23.6            | 34.4 | 5.4  | 55  |
| YXR1245-09 | #14          | 92                   | 25.4            | 37   | 5.8  | 59  |
| YXR1245-10 | #15          | 138                  | 29              | 42.4 | 6.7  | 67  |
| YXR1245-11 | #18          | 212                  | 32.5            | 48.5 | 8    | 76  |
| YXR1245-12 | #20          | 380                  | 36              | 58   | 11   | 84  |
| YXR1245-13 | #22          | 440                  | 39.5            | 61.5 | 11   | 92  |
| YXR1245-14 | #24          | 530                  | 43.1            | 65.5 | 11.2 | 101 |
| YXR1245-15 | #26          | 660                  | 46.7            | 70.5 | 11.9 | 109 |
| YXR1245-16 | #28          | 760                  | 51.2            | 75   | 11.9 | 118 |
| YXR1245-17 | #30          | 930                  | 54.6            | 80   | 12.7 | 126 |
| YXR1245-18 | #32          | 1110                 | 58.2            | 85   | 13.4 | 134 |
| YXR1245-19 | #34          | 1390                 | 61.4            | 91   | 14.8 | 143 |
| YXR1245-20 | #36          | 1570                 | 65              | 95   | 15   | 152 |
| YXR1245-21 | #38          | 1830                 | 68.4            | 100  | 15.8 | 160 |
| YXR1245-22 | #40          | 2140                 | 72.8            | 106  | 16.6 | 168 |
| YXR1245-23 | #44          | 2820                 | 79.6            | 116  | 18.2 | 184 |
| YXR1245-24 | #48          | 3620                 | 86.4            | 126  | 19.8 | 200 |
| YXR1245-25 | #52          | 4560                 | 93.2            | 136  | 21.4 | 216 |
| YXR1245-26 | #56          | 5680                 | 101             | 147  | 23   | 232 |
| YXR1245-27 | #60          | 7000                 | 108.8           | 158  | 24.6 | 248 |
| YXR1245-28 | #65          | 10500                | 119.2           | 176  | 28.4 | 284 |
| YXR1245-29 | #70          | 11730                | 125             | 185  | 30   | 294 |
| YXR1245-30 | #75          | 14360                | 134             | 198  | 32   | 315 |
| YXR1245-31 | #80          | 17300                | 142             | 210  | 34   | 336 |
| YXR1245-32 | #85          | 20900                | 153             | 225  | 36   | 357 |
| YXR1245-33 | #90          | 24900                | 164             | 240  | 38   | 378 |
| YXR1245-34 | #95          | 28800                | 175             | 250  | 40   | 399 |
| YXR1245-35 | #100         | 34200                | 184             | 268  | 42   | 420 |

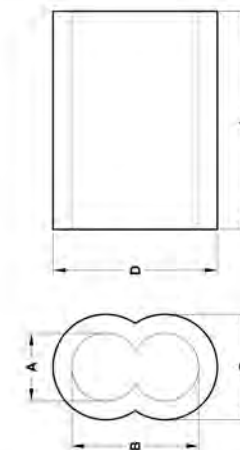


YXR1246



### US TYPE ALUMINIUM OVAL SLEEVES

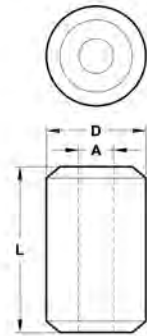
| ITEM NO.   | SIZE (IN) | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |       |       |        |        |
|------------|-----------|----------------------|-----------------|-------|-------|--------|--------|
|            |           |                      | A               | B     | C     | D      | L      |
| YXR1246-01 | 1/4       | 10.4                 | 7.54            | 15.08 | 13.49 | 21.43  | 25.40  |
| YXR1246-02 | 5/16      | 19.5                 | 9.52            | 19.05 | 16.67 | 26.19  | 30.54  |
| YXR1246-03 | 3/8       | 24.0                 | 11.11           | 21.43 | 19.05 | 29.37  | 34.93  |
| YXR1246-04 | 7/16      | 49.9                 | 12.70           | 25.40 | 23.02 | 35.72  | 43.67  |
| YXR1246-05 | 1/2       | 74.8                 | 15.08           | 29.77 | 26.19 | 41.28  | 49.21  |
| YXR1246-06 | 9/16      | 99.7                 | 18.26           | 34.92 | 30.96 | 48.02  | 56.36  |
| YXR1246-07 | 5/8       | 145                  | 19.05           | 38.10 | 34.92 | 53.18  | 63.50  |
| YXR1246-08 | 3/4       | 236                  | 21.03           | 42.86 | 38.10 | 60.33  | 73.03  |
| YXR1246-09 | 7/8       | 304                  | 24.21           | 47.62 | 42.86 | 66.68  | 76.20  |
| YXR1246-10 | 1         | 567                  | 27.78           | 53.37 | 50.01 | 78.58  | 95.25  |
| YXR1246-11 | 1-1/8     | 780                  | 32.54           | 65.09 | 58.74 | 91.28  | 108.74 |
| YXR1246-12 | 1-1/4     | 970                  | 35.72           | 70.64 | 63.50 | 98.43  | 112.71 |
| YXR1246-13 | 1-1/2     | 1768                 | 42.07           | 83.74 | 79.38 | 120.65 | 140.89 |



YXR1247

### US TYPE ALUMINIUM HOURGLASS SLEEVES

| ITEM NO.   | SIZE |       | WEIGHT PER 1000 (KG) | DIMENSIONS |       |       |       |        |       |         |       |         |       |
|------------|------|-------|----------------------|------------|-------|-------|-------|--------|-------|---------|-------|---------|-------|
|            |      |       |                      | A          |       | B     |       | C      |       | D       |       | L       |       |
|            | IN   | MM    |                      | IN         | MM    | IN    | MM    | IN     | MM    | IN      | MM    | IN      | MM    |
| YXR1247-01 | 3/64 | 1.19  | 0.276                | 1/16       | 1.58  | 1/8   | 3.18  | 9/64   | 3.6   | 13/64   | 5.2   | 3/8     | 9.53  |
| YXR1247-02 | 1/16 | 1.58  | 0.433                | 5/64       | 1.98  | 5/32  | 3.97  | 11/64  | 4.4   | 1/4     | 6.35  | 3/8     | 9.53  |
| YXR1247-03 | 5/64 | 1.98  | 0.645                | 3/32       | 2.38  | 3/16  | 4.76  | 13/64  | 5.2   | 5/16    | 7.94  | 3/8     | 9.53  |
| YXR1247-04 | 3/32 | 2.38  | 1.45                 | 1/8        | 3.18  | 1/4   | 6.35  | 9/32   | 7.1   | 13/32   | 10.3  | 1/2     | 12.7  |
| YXR1247-05 | 1/8  | 3.18  | 2.70                 | 5/32       | 3.97  | 5/16  | 7.94  | 11/32  | 8.7   | 1/2     | 12.7  | 5/8     | 15.88 |
| YXR1247-06 | 5/32 | 3.97  | 3.67                 | 3/16       | 4.76  | 3/8   | 9.53  | 3/8    | 9.53  | 9/16    | 14.29 | 11/16   | 17.4  |
| YXR1247-07 | 3/16 | 4.76  | 7.18                 | 7/32       | 5.56  | 7/16  | 11.11 | 7/16   | 11.11 | 21/32   | 16.7  | 1       | 25.40 |
| YXR1247-08 | 7/32 | 5.56  | 10.00                | 1/4        | 6.35  | 1/2   | 12.7  | 1/2    | 12.7  | 3/4     | 19.1  | 1 1/16  | 26.9  |
| YXR1247-09 | 1/4  | 6.35  | 11.76                | 9/32       | 7.14  | 9/16  | 14.29 | 17/32  | 13.5  | 13/16   | 20.6  | 1 1/8   | 28.58 |
| YXR1247-10 | 9/32 | 7.14  | 13.62                | 5/16       | 7.94  | 5/8   | 15.88 | 9/16   | 14.29 | 7/8     | 22.2  | 1 3/16  | 30.1  |
| YXR1247-11 | 5/16 | 7.94  | 20.94                | 3/8        | 9.53  | 23/32 | 19.05 | 11/16  | 17.5  | 1 1/32  | 26.2  | 1 1/4   | 31.75 |
| YXR1247-12 | 3/8  | 9.53  | 28.18                | 7/16       | 11.11 | 27/32 | 22.23 | 3/4    | 19.1  | 1 5/32  | 29.4  | 1 7/16  | 36.5  |
| YXR1247-13 | 7/16 | 11.11 | 52.00                | 1/2        | 12.7  | 1     | 25.40 | 15/16  | 23.8  | 1 7/16  | 36.5  | 1 11/16 | 42.8  |
| YXR1247-14 | 1/2  | 12.7  | 80.15                | 9/16       | 14.29 | 1 1/8 | 28.58 | 1 1/16 | 26.9  | 1 5/8   | 41.3  | 2       | 50.8  |
| YXR1247-15 | 9/16 | 14.29 | 99.88                | 5/8        | 15.88 | 1 1/4 | 31.75 | 1 1/8  | 28.58 | 1 3/4   | 44.5  | 2 1/8   | 53.9  |
| YXR1247-16 | 5/8  | 15.88 | 139.78               | 11/16      | 17.46 | 1 3/8 | 34.93 | 1 1/4  | 31.75 | 1 15/16 | 49.2  | 2 1/2   | 63.5  |



YXR1248

### US TYPE ALUMINIUM STOP BOTTOMS

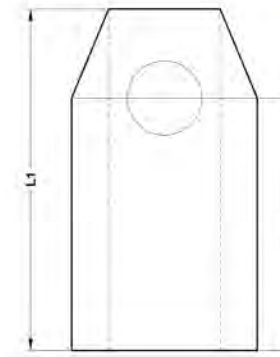
| ITEM NO.   | SIZE (IN) | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |       |       |
|------------|-----------|----------------------|-----------------|-------|-------|
|            |           |                      | A               | D     | L     |
| YXR1248-01 | 3/64      | 0.236                | 1.54            | 4.40  | 4.16  |
| YXR1248-02 | 1/16      | 0.278                | 1.92            | 6.35  | 4.16  |
| YXR1248-03 | 5/64      | 0.282                | 2.38            | 6.35  | 4.16  |
| YXR1248-04 | 3/32      | 1.05                 | 2.90            | 8.72  | 7.95  |
| YXR1248-05 | 1/8       | 0.949                | 3.86            | 8.72  | 7.95  |
| YXR1248-06 | 5/32      | 1.76                 | 4.70            | 11.11 | 8.73  |
| YXR1248-07 | 3/16      | 1.69                 | 5.54            | 11.11 | 8.73  |
| YXR1248-08 | 7/32      | 1.50                 | 6.35            | 11.11 | 8.73  |
| YXR1248-09 | 1/4       | 9.07                 | 7.20            | 17.46 | 17.46 |
| YXR1248-10 | 5/16      | 7.46                 | 9.53            | 17.46 | 17.46 |
| YXR1248-11 | 3/8       | 6.58                 | 11.13           | 17.46 | 17.46 |
| YXR1248-12 | 1/2       | 30.32                | 14.28           | 26.98 | 26.98 |
| YXR1248-13 | 9/16      | 38.52                | 15.88           | 28.60 | 31.75 |
| YXR1248-14 | 5/8       | 47.88                | 17.46           | 31.75 | 31.75 |



YXR1249

### ALUMINIUM FERRULES JIS TYPE

| ITEM NO.   | FERRULE CODE | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |       |       |       |     |
|------------|--------------|----------------------|-----------------|-------|-------|-------|-----|
|            |              |                      | A               | B     | C     | D     | L   |
| YXR1249-01 | 6            | 10                   | 7.00            | 13.80 | 3.20  | 3.80  | 24  |
| YXR1249-02 | 7            | 14                   | 8.20            | 16.20 | 3.60  | 4.25  | 26  |
| YXR1249-03 | 8            | 22                   | 9.40            | 18.60 | 4.00  | 4.70  | 32  |
| YXR1249-04 | 9            | 29                   | 10.22           | 20.70 | 4.30  | 5.52  | 36  |
| YXR1249-05 | 10           | 37                   | 11.60           | 23.00 | 4.50  | 5.50  | 40  |
| YXR1249-06 | 12           | 63                   | 13.62           | 27.60 | 5.30  | 6.92  | 48  |
| YXR1249-07 | 14           | 88                   | 15.89           | 32.20 | 5.53  | 7.42  | 56  |
| YXR1249-08 | 16           | 130                  | 18.16           | 36.80 | 6.32  | 8.48  | 64  |
| YXR1249-09 | 18           | 186                  | 20.43           | 41.40 | 7.11  | 9.54  | 72  |
| YXR1249-10 | 20           | 245                  | 23.10           | 46.00 | 7.70  | 9.20  | 80  |
| YXR1249-11 | 22           | 319                  | 25.40           | 50.60 | 8.30  | 10.00 | 88  |
| YXR1249-12 | 24           | 408                  | 27.80           | 55.30 | 8.90  | 10.90 | 96  |
| YXR1249-13 | 26           | 581                  | 29.90           | 59.80 | 10.70 | 12.90 | 104 |
| YXR1249-14 | 28           | 714                  | 32.20           | 64.40 | 11.30 | 13.60 | 112 |
| YXR1249-15 | 30           | 859                  | 34.50           | 69.00 | 11.80 | 14.30 | 120 |
| YXR1249-16 | 32           | 1026                 | 36.80           | 73.60 | 12.50 | 15.20 | 128 |
| YXR1249-17 | 34           | 1257                 | 39.10           | 78.20 | 13.30 | 16.20 | 136 |
| YXR1249-18 | 36           | 1465                 | 41.40           | 82.80 | 14.10 | 17.30 | 142 |
| YXR1249-19 | 38           | 1706                 | 43.70           | 87.40 | 14.90 | 18.40 | 150 |



YXR1250

### EN13411-3 (DIN3093) FORM C ALUMINIUM FERRULES

| ITEM NO.   | FERRULE CODE | DIMENSIONS (MM) |       |
|------------|--------------|-----------------|-------|
|            |              | L1              | L2    |
| YXR1250-01 | 8            | 43              | 34    |
| YXR1250-02 | 9            | 48              | 38.5  |
| YXR1250-03 | 10           | 53              | 42    |
| YXR1250-04 | 11           | 59              | 46.7  |
| YXR1250-05 | 12           | 65              | 50.2  |
| YXR1250-06 | 13           | 70              | 54.7  |
| YXR1250-07 | 14           | 75              | 58.2  |
| YXR1250-08 | 16           | 85              | 66.5  |
| YXR1250-09 | 18           | 96              | 75    |
| YXR1250-10 | 20           | 106             | 83    |
| YXR1250-11 | 22           | 116             | 91    |
| YXR1250-12 | 24           | 126             | 99.5  |
| YXR1250-13 | 26           | 136             | 107.2 |
| YXR1250-14 | 28           | 147             | 115.5 |
| YXR1250-15 | 30           | 158             | 125   |
| YXR1250-16 | 32           | 170             | 135   |
| YXR1250-17 | 36           | 190             | 150   |
| YXR1250-18 | 38           | 200             | 158   |
| YXR1250-19 | 44           | 235             | 186   |
| YXR1250-20 | 52           | 276             | 218   |

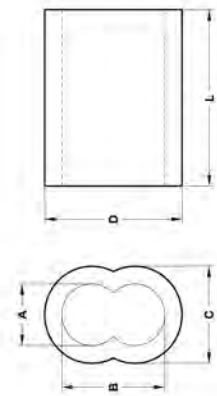
◆ The inspection hole guarantees control of the correct inserted length of wire rope before and after swaging.  
◆ These types of sleeves have to be swaged with the conical type V swaging die.



YXR1251

### EN13411-3 (DIN3093) COPPER FERRULES

| ITEM NO.   | FERRULE CODE | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |      |      |    |
|------------|--------------|----------------------|-----------------|------|------|----|
|            |              |                      | A               | B    | S    | L  |
| YXR1251-01 | 1            | 0.32                 | 1.2             | 2.4  | 0.65 | 5  |
| YXR1251-02 | 1.5          | 0.72                 | 1.7             | 3.4  | 0.75 | 6  |
| YXR1251-03 | 2            | 0.82                 | 2.2             | 4.4  | 0.85 | 7  |
| YXR1251-04 | 2.5          | 1.7                  | 2.7             | 5.4  | 1.05 | 9  |
| YXR1251-05 | 3            | 2.9                  | 3.3             | 6.6  | 1.25 | 11 |
| YXR1251-06 | 3.5          | 4.5                  | 3.8             | 7.6  | 1.5  | 13 |
| YXR1251-07 | 4            | 6.2                  | 4.4             | 8.8  | 1.7  | 14 |
| YXR1251-08 | 4.5          | 8.9                  | 4.9             | 9.8  | 1.9  | 16 |
| YXR1251-09 | 5            | 12.2                 | 5.5             | 11.0 | 2.1  | 18 |
| YXR1251-10 | 6            | 20                   | 6.6             | 13.2 | 2.5  | 21 |
| YXR1251-11 | 6.5          | 27                   | 7.2             | 14.4 | 2.7  | 23 |
| YXR1251-12 | 7            | 32                   | 7.8             | 15.6 | 2.9  | 25 |
| YXR1251-13 | 8            | 47                   | 8.8             | 17.6 | 3.3  | 28 |
| YXR1251-14 | 9            | 68                   | 9.9             | 19.8 | 3.7  | 32 |
| YXR1251-15 | 10           | 90                   | 10.9            | 21.8 | 4.1  | 35 |
| YXR1251-16 | 11           | 122                  | 12.1            | 24.2 | 4.5  | 39 |
| YXR1251-17 | 12           | 158                  | 13.2            | 26.4 | 4.9  | 42 |
| YXR1251-18 | 13           | 198                  | 14.2            | 28.4 | 5.4  | 46 |
| YXR1251-19 | 14           | 243                  | 15.3            | 30.6 | 5.8  | 49 |
| YXR1251-20 | 16           | 366                  | 17.5            | 35.0 | 6.7  | 56 |
| YXR1251-21 | 18           | 529                  | 19.6            | 39.2 | 7.6  | 63 |



## US TYPE COPPER HOURGLASS SLEEVES

| ITEM NO.   | SIZE (IN) | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |       |       |       |       |
|------------|-----------|----------------------|-----------------|-------|-------|-------|-------|
|            |           |                      | A               | B     | C     | D     | L     |
| YXR1252-01 | 3/64      | 1.12                 | 1.59            | 3.18  | 3.57  | 5.16  | 9.50  |
| YXR1252-02 | 1/16      | 1.43                 | 2.06            | 4.05  | 4.36  | 6.35  | 9.70  |
| YXR1252-0  | 5/64      | 2.61                 | 2.45            | 4.85  | 5.55  | 7.95  | 10.70 |
| YXR1252-0  | 3/32      | 4.39                 | 3.35            | 6.55  | 7.05  | 10.25 | 11.50 |
| YXR1252-0  | 1/8       | 8.20                 | 3.97            | 8.33  | 8.33  | 12.69 | 14.30 |
| YXR1252-06 | 5/32      | 11.07                | 4.80            | 9.55  | 9.56  | 14.31 | 15.90 |
| YXR1252-07 | 3/36      | 20.63                | 5.64            | 11.20 | 11.08 | 16.64 | 22.20 |
| YXR1252-08 | 7/32      | 22.58                | 6.60            | 13.00 | 11.90 | 18.30 | 22.20 |
| YXR1252-09 | 1/4       | 38.32                | 7.42            | 14.65 | 13.62 | 20.85 | 28.40 |
| YXR1252-10 | 5/16      | 60.59                | 9.58            | 18.35 | 17.38 | 26.15 | 28.40 |
| YXR1252-11 | 3/8       | 81.72                | 11.15           | 21.50 | 18.15 | 28.50 | 38.10 |
| YXR1252-12 | 7/16      | 129.00               | 12.70           | 25.40 | 21.00 | 33.70 | 42.80 |
| YXR1252-13 | 1/2       | 183.05               | 15.10           | 28.20 | 24.60 | 37.70 | 47.60 |

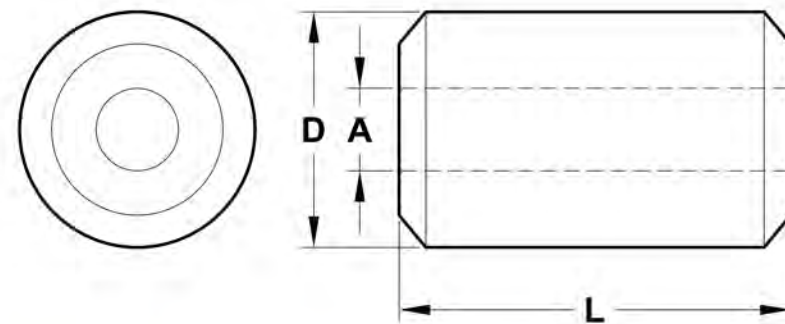
- ◆ Extruded copper hourglass sleeves and stop buttons have efficient cold forming properties, and are ideal for non-rusting permanent splices. These sleeves and buttons are 99.9% pure copper, and the mass of copper provides excellent holding strength.
- ◆ Return eye splices using copper hourglass sleeves are often used at rope ends to provide extra holding strength when properly swaged.
- ◆ CAUTION: Return eye splices using copper hourglass sleeves must be properly swaged to an interference.



YXR1252



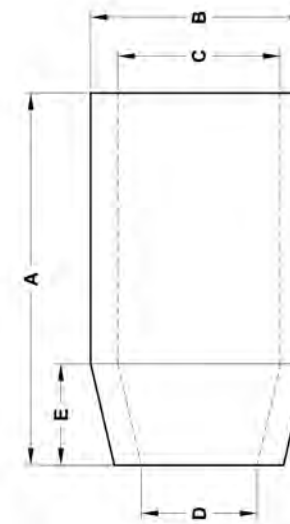
YXR1253



## US TYPE COPPER BUTTON STOPS

| ITEM NO.   | SIZE (IN) | WEIGHT PER 1000 (KG) | DIMENSIONS (MM) |       |       |
|------------|-----------|----------------------|-----------------|-------|-------|
|            |           |                      | A               | D     | L     |
| YXR1253-01 | 3/64      | 0.67                 | 1.59            | 4.46  | 5.56  |
| YXR1253-02 | 1/16      | 0.96                 | 1.98            | 5.16  | 5.56  |
| YXR1253-03 | 3/32      | 3.9                  | 2.78            | 8.33  | 8.33  |
| YXR1253-04 | 1/8       | 3.3                  | 3.97            | 8.33  | 8.33  |
| YXR1253-05 | 5/32      | 6.5                  | 4.76            | 10.72 | 8.33  |
| YXR1253-06 | 3/16      | 6.2                  | 5.56            | 10.72 | 8.33  |
| YXR1253-07 | 7/32      | 6.0                  | 6.35            | 10.72 | 15.88 |
| YXR1253-08 | 1/4       | 32                   | 7.14            | 16.67 | 17.46 |
| YXR1253-09 | 5/16      | 29                   | 9.53            | 16.67 | 17.46 |

- ◆ Zinc Plated, Nickel Plated & Chrome Plated are available on request.

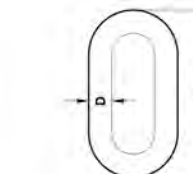
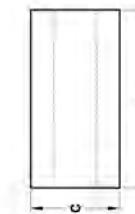


YXR1254

## FLEMISH EYE STEEL SWAGING SLEEVES (S-505)

| ITEM NO.   | SIZE (IN) | WEIGHT PER 100 (KG) | DIMENSIONS (MM) |      |      |      |      | MAX AFTER SWAGE DIMENSIONS (MM) |
|------------|-----------|---------------------|-----------------|------|------|------|------|---------------------------------|
|            |           |                     | A               | B    | D    | E    | C    |                                 |
| YXR1254-01 | 1/4       | 2.27                | 25.4            | 16.8 | 7.88 | 7.12 | 11.9 | 14.5                            |
| YXR1254-02 | 5/16      | 6.36                | 38.1            | 23.1 | 11.2 | 11.2 | 15.8 | 19.1                            |
| YXR1254-03 | 3/8       | 6.36                | 38.1            | 23.1 | 11.9 | 9.91 | 16.8 | 19.1                            |
| YXR1254-04 | 7/16      | 15                  | 51.0            | 31.0 | 14.0 | 16.5 | 21.6 | 25.7                            |
| YXR1254-05 | 1/2       | 13                  | 51.0            | 31.0 | 16.0 | 14.2 | 23.1 | 25.7                            |
| YXR1254-06 | 9/16      | 29                  | 70.0            | 37.3 | 17.5 | 16.0 | 26.2 | 31.5                            |
| YXR1254-07 | 5/8       | 26                  | 70.0            | 37.3 | 19.1 | 16.0 | 27.7 | 31.5                            |
| YXR1254-08 | 3/4       | 40                  | 81.0            | 43.7 | 23.1 | 21.3 | 32.5 | 37.1                            |
| YXR1254-09 | 7/8       | 60                  | 90.5            | 51.5 | 26.2 | 25.4 | 38.9 | 42.7                            |
| YXR1254-10 | 1         | 89                  | 102             | 58.0 | 29.5 | 28.6 | 43.7 | 49.0                            |
| YXR1254-11 | 1-1/8     | 118                 | 122             | 63.5 | 32.5 | 31.8 | 49.3 | 54.1                            |
| YXR1254-12 | 1-1/4     | 161                 | 132             | 70.5 | 36.5 | 35.8 | 55.0 | 58.9                            |
| YXR1254-13 | 1-3/8     | 192                 | 148             | 76.0 | 39.7 | 39.7 | 60.5 | 64.0                            |
| YXR1254-14 | 1-1/2     | 227                 | 159             | 82.5 | 42.9 | 42.9 | 67.0 | 69.0                            |
| YXR1254-15 | 1-3/4     | 366                 | 184             | 97.5 | 49.2 | 50.0 | 79.5 | 78.7                            |
| YXR1254-16 | 2         | 514                 | 216             | 111  | 57.0 | 57.0 | 92.0 | 90.4                            |
| YXR1254-17 | 2-1/4     | 879                 | 243             | 128  | 63.5 | 64.5 | 102  | 105                             |
| YXR1254-18 | 2-1/2     | 1068                | 267             | 140  | 70.0 | 71.5 | 114  | 114                             |
| YXR1254-19 | 2-3/4     | 1271                | 292             | 146  | 76.0 | 78.5 | 121  | 119                             |
| YXR1254-20 | 3         | 1335                | 305             | 152  | 82.5 | 86.0 | 127  | 126                             |
| YXR1254-21 | 3-1/4     | 1650                | 330             | 165  | 98   | 89.9 | 138  | 136                             |
| YXR1254-22 | 3-1/2     | 2106                | 356             | 178  | 98.5 | 100  | 148  | 147                             |
| YXR1254-23 | 3-3/4     | 2497                | 381             | 191  | 103  | 108  | 160  | 158                             |
| YXR1254-24 | 4         | 3087                | 406             | 206  | 111  | 114  | 173  | 170                             |
| YXR1254-25 | 4-1/2     | 4540                | 457             | 232  | 124  | 129  | 195  | 189                             |
| YXR1254-26 | 5         | 6600                | 508             | 267  | 140  | 143  | 222  | 210                             |
| YXR1254-27 | 6         | 12300               | 610             | 318  | 165  | 171  | 259  | 252                             |

- ◆ Our modern in-house forging, heat treatment, sand blasting, auto-molding facilities assures the consistent quality of Flemish eye steel sleeves from 1/4" to 6" (skidproof and self primed).

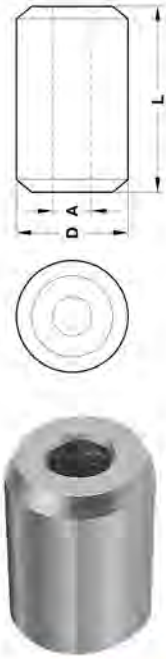


YXR1255

## US TYPE STEEL OVAL SLEEVES

| ITEM NO.   | ROPE SIZE (IN) | WEIGHT PER 100 (KG) | DIMENSIONS (MM) |      |      |      | MAX AFTER SWAGE DIA. (MM) |
|------------|----------------|---------------------|-----------------|------|------|------|---------------------------|
|            |                |                     | L               | B    | C    | D    |                           |
| YXR1255-01 | 5/16           | 77.1                | 31.8            | 26.9 | 20.6 | 4.85 | 19.6                      |
| YXR1255-02 | 3/8            | 59                  | 31.8            | 28.4 | 20.6 | 3.55 | 19.6                      |
| YXR1255-03 | 7/16           | 141                 | 41.4            | 35.8 | 25.9 | 4.85 | 26.2                      |
| YXR1255-04 | 1/2            | 122                 | 41.4            | 36.6 | 25.9 | 4.05 | 26.2                      |
| YXR1255-05 | 9/16           | 286                 | 57.0            | 43.7 | 31.2 | 5.85 | 32.8                      |
| YXR1255-06 | 5/8            | 245                 | 57.0            | 46.7 | 32.5 | 5.10 | 32.8                      |
| YXR1255-07 | 3/4            | 413                 | 67.0            | 55.0 | 38.6 | 5.85 | 39.4                      |
| YXR1255-08 | 7/8            | 570                 | 73.0            | 63.5 | 44.5 | 6.85 | 45.7                      |
| YXR1255-09 | 1              | 850                 | 77.5            | 72.0 | 51.0 | 8.40 | 52.0                      |
| YXR1255-10 | 1-1/4          | 1740                | 103             | 89.0 | 63.5 | 9.65 | 65.0                      |

- ◆ Specially processed low carbon steel
- ◆ Steel Oval Sleeves are recommended use with EX19 or EX27, 55S DRW(R)(P), ARL, FL or WRC wire rope.



YXR1254

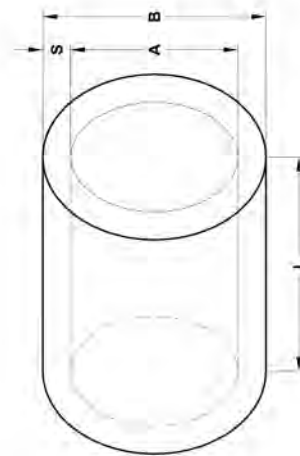
## US TYPE STEEL STOP BUTTONS

| ITEM NO.   | SIZE (IN) | WEIGHT PER 100 (KG) | DIMENSIONS (MM) |      |      | MAX AFTER SWAGE DIA.(MM) |
|------------|-----------|---------------------|-----------------|------|------|--------------------------|
|            |           |                     | A               | D    | L    |                          |
| YXR1254-01 | 1/8       | 9.1                 | 3.56            | 10.7 | 12.7 | 10.2                     |
| YXR1254-02 | 3/16      | 18.1                | 5.08            | 14.2 | 17.8 | 13.2                     |
| YXR1254-03 | 1/4       | 36.3                | 7.87            | 17.3 | 26.9 | 14.7                     |
| YXR1254-04 | 5/16      | 72.6                | 9.14            | 22.4 | 28.7 | 19.6                     |
| YXR1254-05 | 3/8       | 68                  | 10.7            | 22.4 | 37.6 | 19.6                     |
| YXR1254-06 | 7/16      | 136                 | 12.2            | 28.7 | 41.4 | 26.2                     |
| YXR1254-07 | 1/2       | 227                 | 14.0            | 33.3 | 48.0 | 29.5                     |
| YXR1254-08 | 9/16      | 318                 | 15.5            | 36.6 | 51.3 | 32.8                     |
| YXR1254-09 | 5/8       | 454                 | 17.0            | 39.6 | 61.5 | 36.1                     |
| YXR1254-10 | 3/4       | 590                 | 20.3            | 42.7 | 69.6 | 39.6                     |
| YXR1254-11 | 7/8       | 1000                | 23.9            | 50.8 | 83.1 | 45.7                     |
| YXR1254-12 | 1         | 1410                | 26.9            | 57.2 | 93.2 | 52.1                     |
| YXR1254-13 | 1-1/8     | 2040                | 30.2            | 65.0 | 103  | 58.4                     |
| YXR1254-14 | 1-1/4     | 2950                | 33.8            | 71.4 | 116  | 65.0                     |

◆ Specially processed low carbon steel  
◆ Model Size: Stop Buttons, Sleeves and Formers for use with 6x19 or 6x32 IPS DRAPED ROPES, 3/4" to 1 1/4" DIA. ROPES

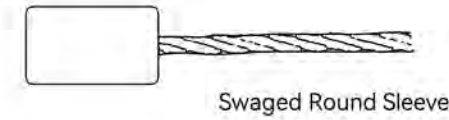
## SEAMLESS ALUMINIUM TUBE

| ITEM NO.   | ITEM NO. | WEIGHT PCS (KG) | DIMENSIONS (MM) |     |     |
|------------|----------|-----------------|-----------------|-----|-----|
|            |          |                 | B               | S   | L   |
| YXR1255-01 | #6       | 0.7             | 16              | 2.5 | 25  |
| YXR1255-02 | #7       | 1.2             | 18.5            | 3   | 30  |
| YXR1255-03 | #8       | 1.7             | 21              | 3.5 | 34  |
| YXR1255-04 | #9       | 2.4             | 23.5            | 4   | 38  |
| YXR1255-05 | #10      | 3.2             | 26              | 4   | 42  |
| YXR1255-06 | #11      | 4.4             | 29              | 4.5 | 47  |
| YXR1255-07 | #12      | 5.5             | 32              | 5   | 50  |
| YXR1255-08 | #13      | 7.2             | 34              | 5.5 | 55  |
| YXR1255-09 | #14      | 8.9             | 37              | 6   | 59  |
| YXR1255-10 | #16      | 13.5            | 42              | 7   | 67  |
| YXR1255-11 | #18      | 20              | 48              | 8   | 76  |
| YXR1255-12 | #20      | 32.1            | 53              | 8.5 | 84  |
| YXR1255-13 | #22      | 40.4            | 58              | 9.5 | 92  |
| YXR1255-14 | #24      | 46.3            | 63              | 10  | 101 |
| YXR1255-15 | #26      | 62              | 68              | 11  | 109 |
| YXR1255-16 | #28      | 75              | 75              | 12  | 118 |
| YXR1255-17 | #30      | 91              | 80              | 13  | 126 |
| YXR1255-18 | #32      | 108             | 85              | 13  | 134 |
| YXR1255-19 | #34      | 137             | 90              | 14  | 143 |
| YXR1255-20 | #36      | 155             | 95              | 16  | 152 |
| YXR1255-21 | #38      | 181             | 100             | 16  | 160 |
| YXR1255-22 | #40      | 210             | 106             | 17  | 168 |
| YXR1255-23 | #44      | 278             | 116             | 19  | 184 |
| YXR1255-24 | #48      | 353             | 125             | 20  | 200 |
| YXR1255-25 | #52      | 450             | 136             | 22  | 216 |
| YXR1255-26 | #56      | 560             | 147             | 23  | 232 |
| YXR1255-27 | #60      | 686             | 158             | 25  | 248 |
| YXR1255-28 | #65      | 990             | 171             | 28  | 284 |



YXR1255

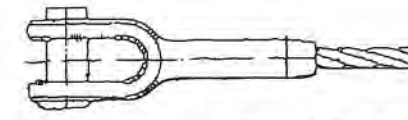
## WIRE ROPE END TERMINATIONS



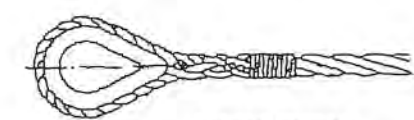
Swaged Round Sleeve



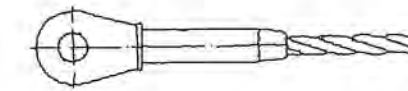
Hand Spliced Eye



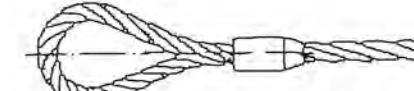
Swaged Open Socket



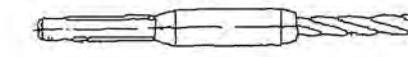
Spliced Thimble



Swaged Closed Socket



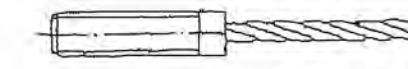
Flemish Eye Splice



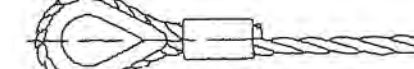
Swaged Threaded Stud



Aluminum Swaged Eye



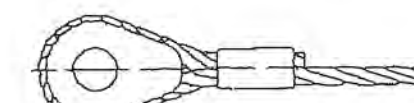
Swaged Threaded Sleeve



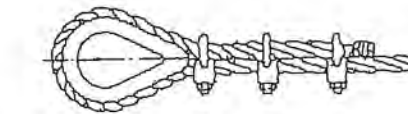
Aluminum Swaged Thimble



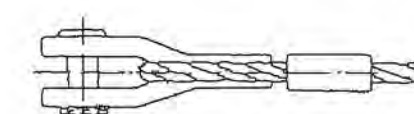
Wedge Type Socket



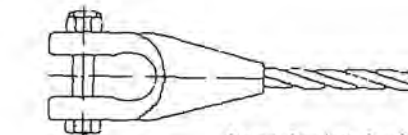
Aluminum Swaged Solid Thimble



Wire Rope Grip

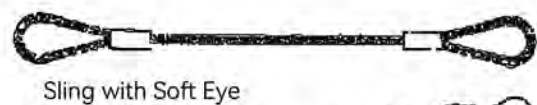


Aluminum Swaged Open Socket



Open Socket Socketed

## FORM OF A SET OF WIRE ROPE SLING



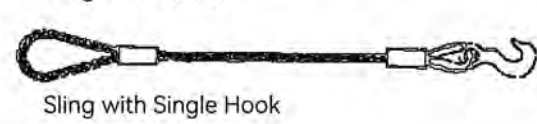
Sling with Soft Eye



Sling with Soft Eye Two Legs



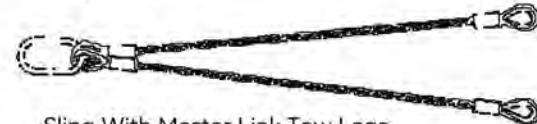
Sling with Round



Sling with Single Hook



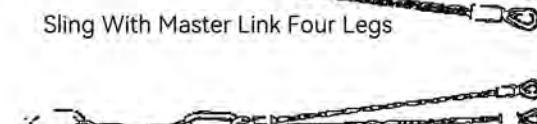
Sling For Crane



Sling With Master Link Two Legs



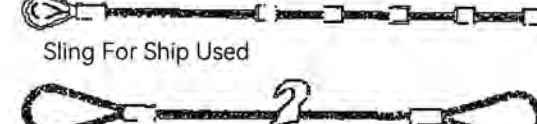
Sling With Master Link Four Legs



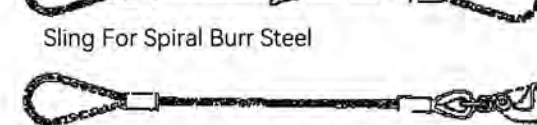
Container Sling For Sea Oil



Sling For Ship Used



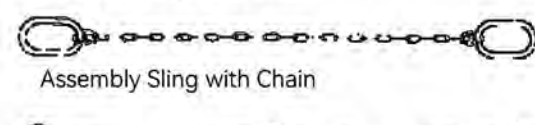
Sling For Spiral Burr Steel



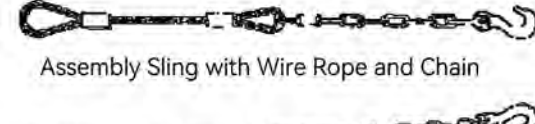
Sling For Steel Plate



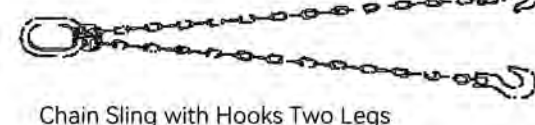
Assembly Sling For Spiral Burr Steel with Wire Rope and Chain



Assembly Sling with Chain



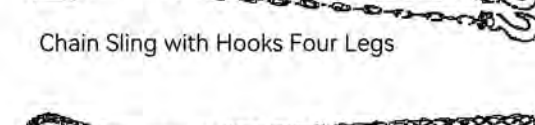
Assembly Sling with Wire Rope and Chain



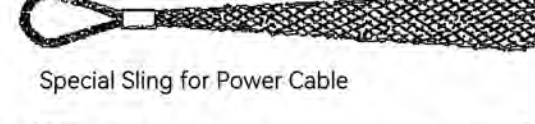
Chain Sling with Hooks Two Legs



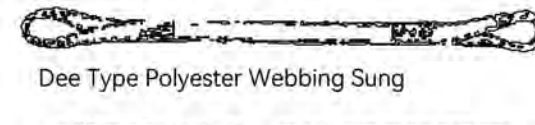
Chain Sling with Hooks Four Legs



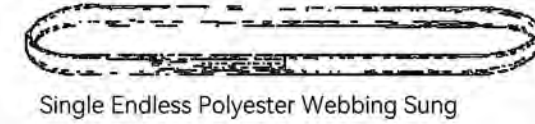
Special Sling for Power Cable



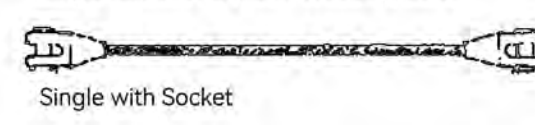
Dee Type Polyester Webbing Sung



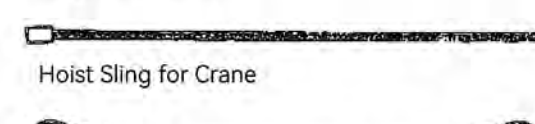
Single Endless Polyester Webbing Sung



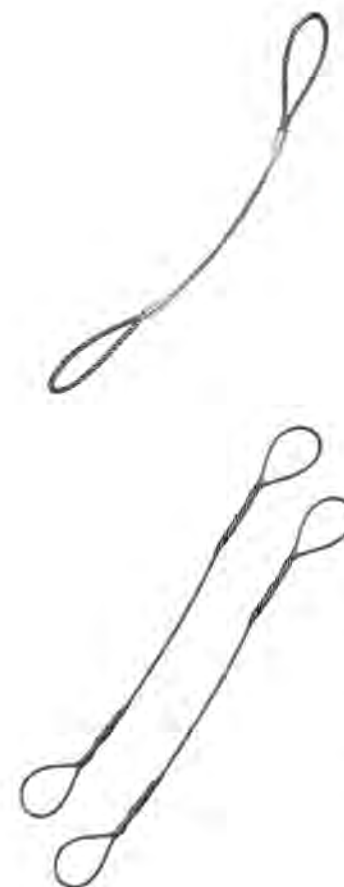
Single with Socket



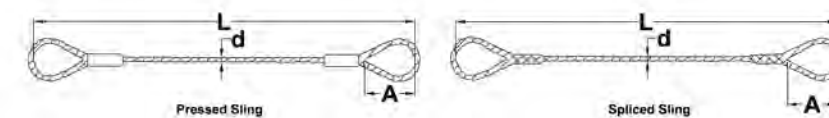
Hoist Sling for Crane



Sling with Spliced Eye Termination



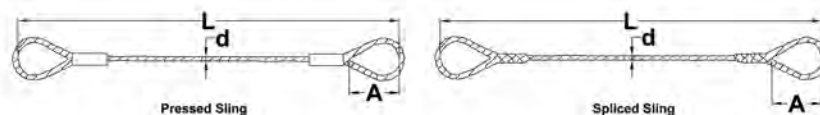
YXR1256



## DATA SHEET FOR WIRE ROPE PRESSED & SPLICED SLINGS

### SPECIFICATION 6\*19

| ITEM NO.   | d (MM) | A (MM) | RATED LOAD (T) |         |
|------------|--------|--------|----------------|---------|
|            |        |        | PRESSED        | SPLICED |
| YXR1256-01 | 3      | 300    | 0.08           | 0.06    |
| YXR1256-02 | 4      | 300    | 0.15           | 0.11    |
| YXR1256-03 | 5      | 300    | 0.23           | 0.18    |
| YXR1256-04 | 6      | 300    | 0.33           | 0.26    |
| YXR1256-05 | 7      | 300    | 0.45           | 0.35    |
| YXR1256-06 | 8      | 300    | 0.59           | 0.46    |
| YXR1256-07 | 9      | 300    | 0.75           | 0.58    |
| YXR1256-08 | 10     | 300    | 0.92           | 0.72    |
| YXR1256-09 | 11     | 300    | 1.12           | 0.87    |
| YXR1256-10 | 12     | 300    | 1.33           | 1.03    |
| YXR1256-11 | 13     | 300    | 1.56           | 1.21    |
| YXR1256-12 | 14     | 300    | 1.80           | 1.40    |
| YXR1256-13 | 16     | 320    | 2.36           | 1.83    |
| YXR1256-14 | 18     | 360    | 2.99           | 2.32    |
| YXR1256-15 | 20     | 400    | 3.69           | 2.87    |
| YXR1256-16 | 22     | 440    | 4.46           | 3.47    |
| YXR1256-17 | 24     | 480    | 5.31           | 4.13    |
| YXR1256-18 | 26     | 520    | 6.23           | 4.84    |
| YXR1256-19 | 28     | 560    | 7.24           | 5.63    |
| YXR1256-20 | 30     | 600    | 8.30           | 6.45    |
| YXR1256-21 | 32     | 640    | 9.45           | 7.35    |
| YXR1256-22 | 34     | 680    | 10.67          | 8.30    |
| YXR1256-23 | 36     | 720    | 11.95          | 9.30    |
| YXR1256-24 | 38     | 760    | 13.32          | 10.36   |
| YXR1256-25 | 40     | 800    | 14.76          | 11.48   |
| YXR1256-26 | 42     | 840    | 16.27          | 12.66   |
| YXR1256-27 | 44     | 880    | 17.87          | 13.90   |
| YXR1256-28 | 46     | 920    | 19.44          | 15.12   |



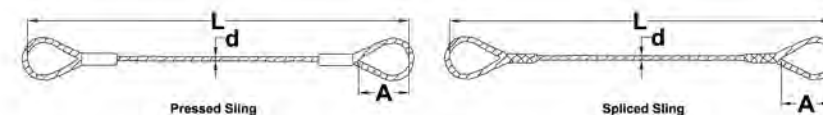
## DATA SHEET FOR WIRE ROPE PRESSED & SPLICED SLINGS

SPECIFICATION 6\*37

| ITEM NO.   | d (MM) | A (MM) | RATED LOAD (T) |         |
|------------|--------|--------|----------------|---------|
|            |        |        | PRESSED        | SPLICED |
| YXR1257-01 | 5      | 300    | 0.22           | 0.17    |
| YXR1257-02 | 6      | 300    | 0.32           | 0.25    |
| YXR1257-03 | 7      | 300    | 0.43           | 0.34    |
| YXR1257-04 | 8      | 300    | 0.57           | 0.44    |
| YXR1257-05 | 9      | 300    | 0.72           | 0.56    |
| YXR1257-06 | 10     | 300    | 0.89           | 0.69    |
| YXR1257-07 | 11     | 300    | 1.07           | 0.83    |
| YXR1257-08 | 12     | 300    | 1.28           | 0.99    |
| YXR1257-09 | 13     | 300    | 1.50           | 1.17    |
| YXR1257-10 | 14     | 300    | 1.74           | 1.35    |
| YXR1257-11 | 16     | 320    | 2.27           | 1.76    |
| YXR1257-12 | 18     | 360    | 2.88           | 2.24    |
| YXR1257-13 | 20     | 400    | 3.55           | 2.76    |
| YXR1257-14 | 22     | 440    | 4.28           | 3.38    |
| YXR1257-15 | 24     | 480    | 5.11           | 3.98    |
| YXR1257-16 | 26     | 520    | 5.99           | 4.66    |
| YXR1257-17 | 28     | 560    | 6.95           | 5.40    |
| YXR1257-18 | 30     | 600    | 7.97           | 6.20    |
| YXR1257-19 | 32     | 640    | 9.07           | 7.06    |
| YXR1257-20 | 34     | 680    | 10.26          | 7.98    |
| YXR1257-21 | 36     | 720    | 11.48          | 8.93    |
| YXR1257-22 | 38     | 760    | 12.80          | 9.95    |
| YXR1257-23 | 40     | 800    | 14.18          | 11.03   |
| YXR1257-24 | 42     | 840    | 15.64          | 12.17   |
| YXR1257-25 | 44     | 880    | 17.17          | 13.36   |
| YXR1257-26 | 46     | 920    | 18.72          | 14.56   |
| YXR1257-27 | 48     | 960    | 20.52          | 15.96   |
| YXR1257-28 | 50     | 1000   | 22.14          | 17.22   |
| YXR1257-29 | 52     | 1040   | 23.94          | 18.62   |
| YXR1257-30 | 54     | 1080   | 25.92          | 20.16   |
| YXR1257-31 | 56     | 1120   | 27.72          | 21.56   |
| YXR1257-32 | 58     | 1160   | 29.88          | 23.24   |
| YXR1257-33 | 60     | 1200   | 31.86          | 24.78   |
| YXR1257-34 | 64     | 1240   | 33.48          | 26.04   |
| YXR1257-35 | 66     | 1280   | 35.46          | 27.58   |
| YXR1257-36 | 68     | 1320   | 37.80          | 29.40   |
| YXR1257-37 | 70     | 1360   | 39.96          | 31.08   |
| YXR1257-38 | 72     | 1400   | 42.30          | 32.90   |
| YXR1257-39 | 74     | 1440   | 44.64          | 34.72   |
| YXR1257-40 | 76     | 1480   | 47.16          | 36.68   |
| YXR1257-41 | 78     | 1520   | 49.68          | 38.64   |
| YXR1257-42 | 80     | 1560   | 52.20          | 40.60   |



YXR1257

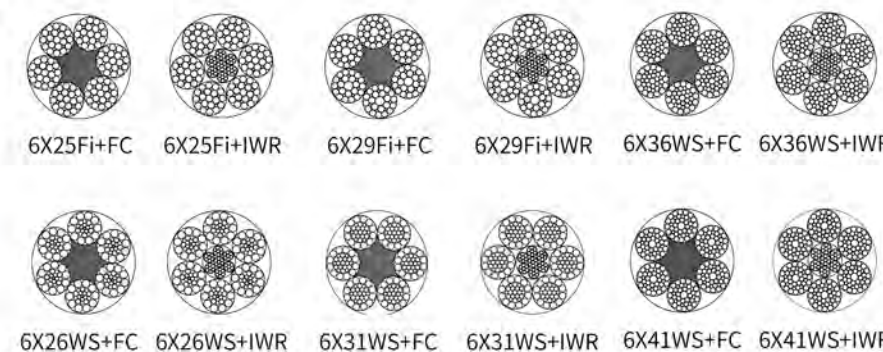


## DATA SHEET FOR WIRE ROPE PRESSED & SPLICED SLINGS

SPECIFICATION 6\*37

| ITEM NO.   | d (MM) | A (MM) | RATED LOAD (T) |         |
|------------|--------|--------|----------------|---------|
|            |        |        | PRESSED        | SPLICED |
| YXR1257-43 | 82     | 1600   | 54.90          | 42.70   |
| YXR1257-44 | 84     | 1640   | 57.60          | 44.80   |
| YXR1257-45 | 86     | 1680   | 60.30          | 46.90   |
| YXR1257-46 | 88     | 1720   | 63.18          | 49.14   |
| YXR1257-47 | 90     | 1760   | 66.06          | 51.38   |
| YXR1257-48 | 92     | 1800   | 69.12          | 53.76   |
| YXR1257-49 | 94     | 1840   | 72.18          | 56.14   |
| YXR1257-50 | 96     | 1880   | 75.24          | 58.52   |
| YXR1257-51 | 98     | 1920   | 78.48          | 61.04   |
| YXR1257-52 | 100    | 1960   | 81.72          | 63.56   |
| YXR1257-53 | 102    | 2000   | 84.96          | 66.08   |
| YXR1257-54 | 104    | 2040   | 88.38          | 68.74   |
| YXR1257-55 | 106    | 2080   | 91.80          | 71.40   |

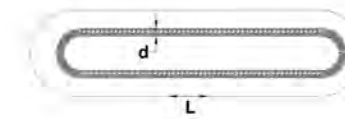
## STEEL WIRE ROPE



REFERENCE TABLE FOR RATED LOAD OF A SET OF SLING

| DIA.<br>(MM) | WLL OF<br>SINGLE<br>SLING<br>N=1<br>(T) | WLL OF BOUBLE<br>SLING N=2 (T) |                                 | WLL OF 3 OR 4<br>SLING N=3 OR N=4 (T) |                                 |
|--------------|-----------------------------------------|--------------------------------|---------------------------------|---------------------------------------|---------------------------------|
|              |                                         | 0° < α ≤ 90°<br>0° < β ≤ 90°   | 90° < α ≤ 120°<br>45° < β ≤ 60° | 0° < α ≤ 90°<br>0° < β ≤ 90°          | 90° < α ≤ 120°<br>45° < β ≤ 60° |
| d            |                                         |                                |                                 |                                       |                                 |
| 6            | 0.3                                     | 0.4                            | 0.3                             | 0.7                                   | 0.5                             |
| 7            | 0.4                                     | 0.6                            | 0.4                             | 0.9                                   | 0.7                             |
| 8            | 0.6                                     | 0.8                            | 0.6                             | 1.2                                   | 0.9                             |
| 9            | 0.7                                     | 1.0                            | 0.7                             | 1.5                                   | 1.1                             |
| 10           | 0.9                                     | 1.2                            | 0.9                             | 1.9                                   | 1.3                             |
| 11           | 1.1                                     | 1.5                            | 1.1                             | 2.3                                   | 1.6                             |
| 12           | 1.3                                     | 1.8                            | 1.3                             | 2.7                                   | 1.9                             |
| 13           | 1.5                                     | 2.1                            | 1.5                             | 3.1                                   | 2.2                             |
| 14           | 1.7                                     | 2.4                            | 1.7                             | 3.7                                   | 2.6                             |
| 16           | 2.3                                     | 3.2                            | 2.3                             | 4.8                                   | 3.4                             |
| 18           | 2.9                                     | 4.0                            | 2.9                             | 6.0                                   | 4.3                             |
| 20           | 3.5                                     | 5.0                            | 3.5                             | 7.4                                   | 5.3                             |
| 22           | 4.3                                     | 6.0                            | 4.3                             | 9.0                                   | 6.4                             |
| 24           | 5.1                                     | 7.2                            | 5.1                             | 10.7                                  | 7.7                             |
| 26           | 6.0                                     | 8.4                            | 6.0                             | 12.6                                  | 9.0                             |
| 28           | 6.9                                     | 9.7                            | 6.9                             | 14.6                                  | 10.4                            |
| 32           | 9.1                                     | 12.7                           | 9.1                             | 19.1                                  | 13.6                            |
| 36           | 11.5                                    | 16.1                           | 11.5                            | 24.1                                  | 17.2                            |
| 40           | 14.2                                    | 19.9                           | 14.2                            | 29.8                                  | 21.3                            |
| 44           | 17.2                                    | 24.0                           | 17.2                            | 36.1                                  | 25.8                            |
| 48           | 20.5                                    | 28.7                           | 20.5                            | 43.1                                  | 30.8                            |
| 52           | 23.9                                    | 33.5                           | 23.9                            | 50.3                                  | 35.9                            |
| 56           | 27.7                                    | 38.8                           | 27.7                            | 58.2                                  | 41.6                            |
| 60           | 31.9                                    | 44.6                           | 31.9                            | 66.9                                  | 47.8                            |
| 64           | 33.5                                    | 46.9                           | 33.5                            | 70.3                                  | 50.2                            |
| 70           | 40.0                                    | 55.9                           | 40.0                            | 83.9                                  | 59.9                            |
| 74           | 44.6                                    | 62.5                           | 44.6                            | 93.7                                  | 67.0                            |
| 80           | 52.2                                    | 73.1                           | 52.2                            | 109.6                                 | 78.3                            |
| 84           | 57.6                                    | 80.6                           | 57.6                            | 121.0                                 | 86.4                            |
| 90           | 66.1                                    | 92.5                           | 66.1                            | 138.7                                 | 99.1                            |
| 96           | 75.2                                    | 106.3                          | 75.2                            | 158.0                                 | 112.9                           |
| 100          | 81.7                                    | 114.4                          | 81.7                            | 171.6                                 | 122.6                           |
| 106          | 91.8                                    | 128.5                          | 91.8                            | 192.8                                 | 137.7                           |

ENDLESS WIRE ROPE SLINGS

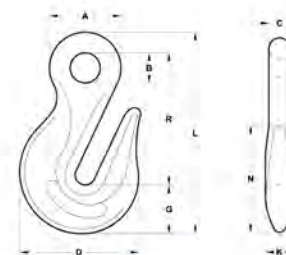


YXR1258

| ITEM<br>NO. | DIA.<br>d<br>(MM) | BL<br>(KN) | WLL OF SINGLE<br>LEG (KN) |       | WLL OF DOUBLE LEG<br>(KN) |       | WLL OF FOUR LEG<br>(KN) |       | N.W<br>(KG/M) |
|-------------|-------------------|------------|---------------------------|-------|---------------------------|-------|-------------------------|-------|---------------|
|             |                   |            | α=0°                      | α≤45° | 45° < α ≤ 90°             | α≤45° | 45° < α ≤ 90°           |       |               |
|             |                   |            |                           |       |                           |       |                         |       |               |
| YXR1258-01  | 10                | 60         | 10                        | 18    | 14                        | 36    | 28                      | 0.29  |               |
| YXR1258-02  | 12                | 100        | 16                        | 30    | 22                        | 60    | 44                      | 0.48  |               |
| YXR1258-03  | 15                | 140        | 23                        | 41    | 32                        | 82    | 64                      | 0.71  |               |
| YXR1258-04  | 18                | 180        | 30                        | 54    | 42                        | 108   | 84                      | 0.98  |               |
| YXR1258-05  | 21                | 235        | 39                        | 70    | 55                        | 140   | 110                     | 1.11  |               |
| YXR1258-06  | 24                | 305        | 51                        | 92    | 70                        | 184   | 140                     | 1.44  |               |
| YXR1258-07  | 27                | 385        | 64                        | 115   | 90                        | 230   | 180                     | 1.82  |               |
| YXR1258-08  | 30                | 475        | 79                        | 142   | 110                       | 284   | 220                     | 2.25  |               |
| YXR1258-09  | 36                | 605        | 114                       | 205   | 160                       | 410   | 320                     | 3.39  |               |
| YXR1258-10  | 42                | 930        | 155                       | 280   | 217                       | 560   | 434                     | 4.61  |               |
| YXR1258-11  | 48                | 1220       | 203                       | 365   | 284                       | 730   | 568                     | 6.02  |               |
| YXR1258-12  | 54                | 1540       | 256                       | 460   | 358                       | 920   | 716                     | 7.62  |               |
| YXR1258-13  | 60                | 1900       | 316                       | 570   | 442                       | 1140  | 884                     | 9.38  |               |
| YXR1258-14  | 66                | 2305       | 384                       | 690   | 538                       | 1380  | 1076                    | 11.36 |               |
| YXR1258-15  | 72                | 2745       | 458                       | 824   | 640                       | 1648  | 1280                    | 13.53 |               |
| YXR1258-16  | 78                | 3220       | 536                       | 964   | 750                       | 1928  | 1500                    | 15.91 |               |
| YXR1258-17  | 84                | 3730       | 622                       | 1120  | 870                       | 2240  | 1740                    | 18.43 |               |
| YXR1258-18  | 90                | 4285       | 714                       | 1285  | 1000                      | 2570  | 2000                    | 21.15 |               |
| YXR1258-19  | 96                | 4880       | 812                       | 1462  | 1136                      | 2924  | 2274                    | 24.07 |               |
| YXR1258-20  | 102               | 5510       | 918                       | 1652  | 1285                      | 3304  | 2570                    | 27.20 |               |
| YXR1258-21  | 108               | 6175       | 1030                      | 1854  | 1442                      | 3708  | 2884                    | 30.46 |               |
| YXR1258-22  | 114               | 6875       | 1146                      | 2062  | 1604                      | 4124  | 3208                    | 34.00 |               |
| YXR1258-23  | 120               | 7615       | 1270                      | 2286  | 1778                      | 4572  | 3556                    | 37.67 |               |
| YXR1258-24  | 126               | 8400       | 1400                      | 2520  | 1960                      | 5040  | 3920                    | 41.48 |               |
| YXR1258-25  | 132               | 9210       | 1535                      | 2763  | 2150                      | 5526  | 4300                    | 45.56 |               |
| YXR1258-26  | 138               | 10032      | 1672                      | 3010  | 2340                      | 6020  | 4680                    | 49.78 |               |
| YXR1258-27  | 144               | 10945      | 1824                      | 3282  | 2554                      | 6564  | 5108                    | 54.20 |               |
| YXR1258-28  | 150               | 11855      | 1976                      | 3556  | 2766                      | 7112  | 5532                    | 58.82 |               |
| YXR1258-29  | 156               | 12860      | 2144                      | 3860  | 3002                      | 7720  | 6004                    | 63.65 |               |
| YXR1258-30  | 162               | 13860      | 2310                      | 4158  | 3234                      | 8316  | 6468                    | 68.68 |               |
| YXR1258-31  | 168               | 14955      | 2492                      | 4486  | 3488                      | 8972  | 6976                    | 74.12 |               |
| YXR1258-32  | 174               | 16050      | 2675                      | 4815  | 3745                      | 9630  | 7490                    | 78.88 |               |
| YXR1258-33  | 180               | 17145      | 2858                      | 5144  | 4000                      | 10288 | 8000                    | 85.00 |               |
| YXR1258-34  | 186               | 17600      | 2934                      | 5282  | 4108                      | 10564 | 8216                    | 94.52 |               |
| YXR1258-35  | 192               | 18695      | 3116                      | 5608  | 4362                      | 11216 | 8724                    | 100.6 |               |
| YXR1258-36  | 198               | 19800      | 3300                      | 5940  | 4620                      | 11880 | 9240                    | 106.8 |               |
| YXR1258-37  | 204               | 21160      | 3526                      | 6346  | 4936                      | 12692 | 9872                    | 113.6 |               |
| YXR1258-38  | 210               | 22345      | 3724                      | 6702  | 5214                      | 13404 | 10428                   | 120.4 |               |
| YXR1258-39  | 216               | 23710      | 3950                      | 7110  | 5530                      | 14220 | 11060                   | 127.2 |               |
| YXR1258-40  | 222               | 24990      | 4165                      | 7498  | 5830                      | 14995 | 11660                   | 134.6 |               |
| YXR1258-41  | 228               | 26355      | 4392                      | 7906  | 6150                      | 15812 | 12300                   | 142.1 |               |
| YXR1258-42  | 234               | 27815      | 4636                      | 8345  | 6490                      | 16690 | 12980                   | 149.6 |               |
| YXR1258-43  | 240               | 29275      | 4880                      | 8784  | 6832                      | 17568 | 13664                   | 157.1 |               |

# HOOKS & SWIVELS

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

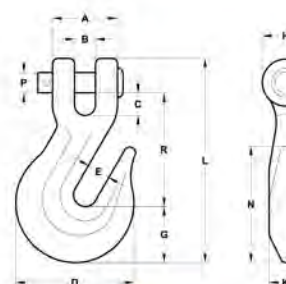


YXR1300

## US TYPE EYE GRAB HOOK

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.)   |             | WT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |      |
|------------|------------------|--------------|-------------|-----------|------------------|------|------|------|------|------|------|------|------|------|
|            |                  | CARBON (G43) | ALLOY (G70) |           | A                | B    | C    | D    | E    | G    | K    | L    | N    | R    |
| YXR1300-01 | 1/4              | 2600         | 3500        | 0.28      | 1.09             | 0.53 | 0.31 | 1.81 | 0.34 | 0.88 | 0.47 | 3.05 | 1.75 | 1.88 |
| YXR1300-02 | 5/16             | 3900         | 4700        | 0.45      | 1.31             | 0.62 | 0.38 | 2.12 | 0.44 | 0.97 | 0.59 | 3.59 | 2.06 | 2.28 |
| YXR1300-03 | 3/8              | 5400         | 7100        | 0.79      | 1.56             | 0.75 | 0.44 | 2.53 | 0.50 | 1.17 | 0.72 | 4.28 | 2.34 | 2.69 |
| YXR1300-04 | 1/2              | 9200         | 12000       | 1.75      | 1.94             | 0.88 | 0.53 | 3.56 | 0.66 | 1.53 | 0.78 | 5.44 | 2.97 | 3.38 |
| YXR1300-05 | 5/8              | 13000        | 18100       | 3.25      | 2.38             | 1.06 | 0.66 | 4.41 | 0.78 | 1.89 | 1.00 | 6.66 | 3.78 | 4.11 |
| YXR1300-06 | 3/4              | 20200        | 24700       | 5.95      | 2.88             | 1.38 | 0.75 | 5.22 | 0.94 | 2.13 | 1.31 | 8.06 | 5.09 | 5.16 |

◆ G43: Ultimate Load is 3 times the Working Load Limit; G70: Ultimate Load is 4 times the Working Load Limit.

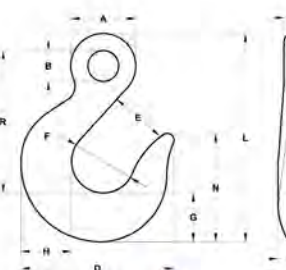


YXR1301

## US TYPE CLEVIS HOOK

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.)   |             | WT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |      |      |      |
|------------|------------------|--------------|-------------|-----------|------------------|------|------|------|------|------|------|------|------|------|------|------|
|            |                  | CARBON (G43) | ALLOY (G70) |           | A                | B    | C    | D    | E    | G    | H    | K    | L    | N    | P    | R    |
| YXR1301-01 | 1/4              | 2600         | 3500        | 0.36      | 1.00             | 0.32 | 0.31 | 1.81 | 0.34 | 0.88 | 0.72 | 0.47 | 3.05 | 1.75 | 0.31 | 1.64 |
| YXR1301-02 | 5/16             | 3900         | 4700        | 0.62      | 1.22             | 0.43 | 0.36 | 2.12 | 0.44 | 0.97 | 0.91 | 0.59 | 3.66 | 2.06 | 0.38 | 2.02 |
| YXR1301-03 | 3/8              | 5400         | 7100        | 1.00      | 1.42             | 0.48 | 0.49 | 2.53 | 0.50 | 1.17 | 1.00 | 0.72 | 4.42 | 2.34 | 0.44 | 2.41 |
| YXR1301-04 | 7/16             | 7200         | 8750        | 1.31      | 1.66             | 0.66 | 0.62 | 3.09 | 0.56 | 1.31 | 1.13 | 0.69 | 4.94 | 2.66 | 0.56 | 2.75 |
| YXR1301-05 | 1/2              | 9200         | 12000       | 2.22      | 1.88             | 0.57 | 0.51 | 3.56 | 0.66 | 1.53 | 1.25 | 0.78 | 5.72 | 2.97 | 0.63 | 3.19 |
| YXR1301-06 | 5/8              | 13000        | 18100       | 4.41      | 2.31             | 0.71 | 0.67 | 4.39 | 0.78 | 1.78 | 1.56 | 1.09 | 6.83 | 4.31 | 0.75 | 4.09 |
| YXR1301-07 | 3/4              | 20200        | 24700       | 6.50      | 2.62             | 0.94 | 0.94 | 5.22 | 0.94 | 2.13 | 1.88 | 1.31 | 8.13 | 5.09 | 0.88 | 4.63 |

◆ G43: Ultimate Load is 3 times the Working Load Limit; G70: Ultimate Load is 4 times the Working Load Limit.

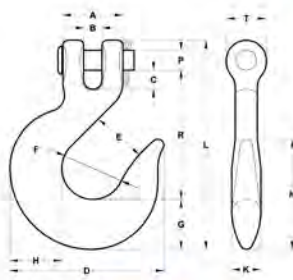


YXR1302

## US TYPE EYE SLIP HOOK WITH OR WITHOUT LATCH

| ITEM NO.   | CHAIN SIZE (IN.) | WLL (LBS.)   |             | WT (LBS.) | DIMENSIONS (IN.) |      |      |      |      |      |      |      |      |      |      |      |
|------------|------------------|--------------|-------------|-----------|------------------|------|------|------|------|------|------|------|------|------|------|------|
|            |                  | CARBON (G43) | ALLOY (G70) |           | A                | B    | C    | D    | E    | F    | G    | H    | K    | L    | N    | R    |
| YXR1302-01 | 1/4              | 1950         | 2750        | 0.40      | 1.06             | 0.50 | 0.28 | 2.75 | 0.94 | 1.19 | 0.81 | 0.88 | 0.50 | 3.66 | 2.13 | 2.56 |
| YXR1302-02 | 5/16             | 2875         | 4300        | 0.64      | 1.25             | 0.63 | 0.34 | 3.06 | 1.06 | 1.25 | 0.94 | 1.00 | 0.56 | 4.23 | 2.25 | 2.95 |
| YXR1302-03 | 3/8              | 4000         | 5250        | 1.10      | 1.53             | 0.72 | 0.41 | 3.63 | 1.31 | 1.50 | 1.13 | 1.19 | 0.66 | 4.89 | 2.56 | 3.36 |
| YXR1302-04 | 7/16             | 5000         | 7000        | 1.56      | 1.69             | 0.81 | 0.44 | 4.34 | 1.56 | 1.81 | 1.38 | 1.44 | 0.81 | 5.70 | 3.06 | 3.88 |
| YXR1302-05 | 1/2              | 6500         | 9000        | 2.09      | 1.94             | 0.94 | 0.50 | 4.81 | 1.69 | 1.94 | 1.56 | 1.63 | 0.91 | 6.34 | 3.44 | 4.28 |
| YXR1302-06 | 5/8              | 9250         | 13500       | 3.90      | 2.38             | 1.13 | 0.63 | 5.63 | 2.00 | 2.38 | 1.81 | 1.94 | 1.09 | 7.86 | 4.00 | 5.22 |
| YXR1302-07 | 3/4              | 12500        | 19250       | 6.93      | 2.88             | 1.38 | 0.75 | 6.75 | 2.13 | 2.75 | 2.19 | 2.31 | 1.31 | 8.73 | 4.75 | 5.80 |

◆ G43: Ultimate Load is 3 times the Working Load Limit; G70: Ultimate Load is 4 times the Working Load Limit.

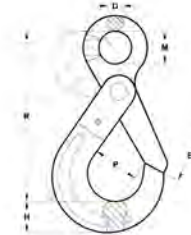


YXR1303

## US TYPE CLEVIS SLIP HOOK WITH OR WITHOUT LATCH

| ITEM NO. | CHAIN SIZE (IN.) | WLL (LBS.)   |             | WT (LBS.) | DIMENSIONS (IN.) |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|----------|------------------|--------------|-------------|-----------|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
|          |                  | CARBON (G43) | ALLOY (G70) |           | A                | B | C | D | E | F | G | H | K | L | N | P | R | T |  |  |  |

◆ G43: Ultimate Load is 5 times the Working Load Limit; G70: Ultimate Load is 4 times the Working Load Limit.

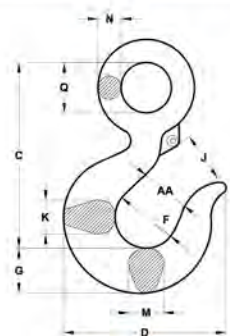


YXR1306

## G80 EYE SELFLOCK HOOK

| ITEM NO. | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |     |     |     |     |     |
|----------|------|---------|---------|---------|-----------------|-------|-----|-----|-----|-----|-----|
|          |      |         |         |         | M±1             | R±2.5 | D±1 | P±1 | H±1 | E±2 | T±1 |

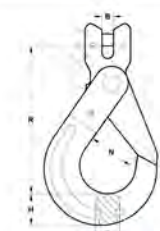
◆ Ultimate Load is 4 times the Working Load Limit.



YXR1304

## US TYPE EYE HOIST HOOKS WITH OR WITHOUT LATCH

| ITEM NO. | WLL (T)      |             | WT (LBS.) | DIMENSIONS (IN.) |   |   |   |   |   |   |   |   |    |  |
|----------|--------------|-------------|-----------|------------------|---|---|---|---|---|---|---|---|----|--|
|          | CARBON (G43) | ALLOY (G70) |           | C                | D | F | G | J | K | M | N | Q | AA |  |

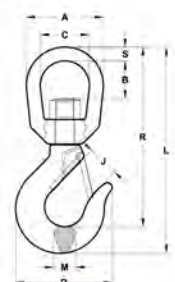


YXR1307

## G80 CLEVIS SELFLOCK HOOK

| ITEM NO. | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |     |     |   |     |
|----------|------|---------|---------|---------|-----------------|-------|-----|-----|---|-----|
|          |      |         |         |         | E±2             | B±0.5 | H±1 | N±1 | R | T±1 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1305

## US TYPE SWIVEL HOOK WITH LATCH OR WITHOUT LATCH

| ITEM NO. | WLL (T) |       | WT (LBS.) | DIMENSIONS (IN.) |   |   |   |   |   |   |   |   |  |  |
|----------|---------|-------|-----------|------------------|---|---|---|---|---|---|---|---|--|--|
|          | CARBON  | ALLOY |           | A                | B | C | D | J | L | M | R | S |  |  |

◆ G43: Ultimate Load is 5 times the Working Load Limit; G70: Ultimate Load is 4 times the Working Load Limit.

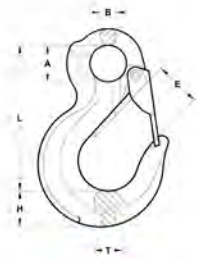


YXR1308

## G80 SWIVEL SELFLOCK HOOK

| ITEM NO. | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |     |     |       |     |     |
|----------|------|---------|---------|---------|-----------------|-------|-----|-----|-------|-----|-----|
|          |      |         |         |         | B±1             | C±2.5 | D±1 | L±2 | T±1.5 | H±1 | E±2 |

◆ Ultimate Load is 4 times the Working Load Limit.

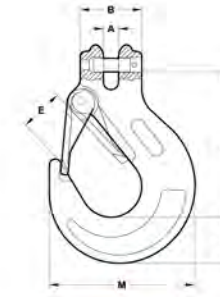


YXR1309

### G80 EYE SLING HOOK WITH CAST LATCH

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |       |       |       |  |
|------------|-------|---------|---------|---------|-----------------|-------|-------|-------|-------|-------|--|
|            |       |         |         |         | B ± 2           | E ± 1 | H ± 1 | L ± 1 | A ± 1 | T ± 1 |  |
| YXR1309-01 | 6-8   | 0.3     | 1.12    | 4.48    | 29              | 24    | 20    | 88    | 20    | 16    |  |
| YXR1309-02 | 7/8-8 | 0.4     | 2       | 8       | 34              | 30    | 23    | 112   | 25    | 20    |  |
| YXR1309-03 | 10-8  | 0.9     | 3.15    | 12.6    | 44              | 34    | 31    | 136   | 38    | 23    |  |
| YXR1309-04 | 13-8  | 1.7     | 5.3     | 21.2    | 52              | 39    | 38    | 175   | 43    | 28    |  |
| YXR1309-05 | 16-8  | 3.2     | 8       | 32      | 60              | 46    | 47    | 208   | 50    | 32    |  |
| YXR1309-06 | 20-8  | 5.8     | 12.5    | 50      | 83              | 48    | 48    | 257   | 63    | 43    |  |
| YXR1309-07 | 22-8  | 8.5     | 15      | 60      | 88              | 71    | 62    | 286   | 62    | 50    |  |
| YXR1309-08 | 26-8  | 13      | 21.2    | 84.8    | 95.5            | 81    | 80    | 314   | 64    | 60    |  |
| YXR1309-09 | 32-8  | 17      | 31.5    | 126     | 160             | 102   | 86    | 394   | 88    | 65    |  |

◆ Ultimate Load is 4 times the Working Load Limit.

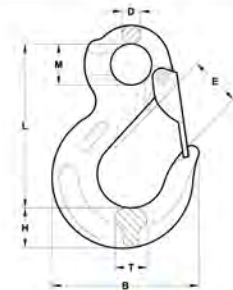


YXR1312

### G80 CLEVIS SELFLOCK HOOK WITH CAST LATCH

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |         |       |       |       |       |  |
|------------|-------|---------|---------|---------|-----------------|---------|-------|-------|-------|-------|--|
|            |       |         |         |         | A ± 0.5         | B ± 1.2 | E ± 1 | H ± 2 | L ± 2 | M ± 2 |  |
| YXR1312-01 | 6-8   | 0.3     | 1.12    | 4.48    | 7.5             | 32      | 19.5  | 20    | 88    | 68    |  |
| YXR1312-02 | 7/8-8 | 0.55    | 2       | 8       | 9.5             | 38.5    | 24    | 25    | 106   | 85.5  |  |
| YXR1312-03 | 10-8  | 0.96    | 3.15    | 12.6    | 13              | 48      | 28    | 36    | 127.5 | 106   |  |
| YXR1312-04 | 13-8  | 1.52    | 5.3     | 21.2    | 16.5            | 55      | 34.5  | 41.6  | 154.4 | 130   |  |
| YXR1312-05 | 16-8  | 3.43    | 8       | 32      | 18.5            | 65.5    | 43    | 46.2  | 189.8 | 155.5 |  |
| YXR1312-06 | 20-8  | 6.73    | 12.5    | 50      | 24              | 92      | 51.5  | 51    | 230   | 180   |  |

◆ Ultimate Load is 4 times the Working Load Limit.

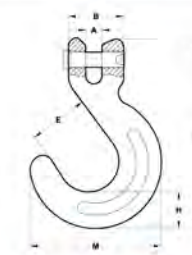


YXR1310

### G80 EYE SLING HOOK WITH CAST LATCH

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |       |       |       |       |  |
|------------|-------|---------|---------|---------|-----------------|-------|-------|-------|-------|-------|-------|--|
|            |       |         |         |         | D ± 1           | E ± 1 | H ± 1 | L ± 2 | M ± 1 | T ± 1 | B ± 1 |  |
| YXR1310-01 | 6-8   | 0.3     | 1.12    | 4.48    | 9               | 18.5  | 20    | 89    | 20.5  | 16    | 68    |  |
| YXR1310-02 | 7/8-8 | 0.55    | 2       | 8       | 11              | 22    | 27    | 106.5 | 25    | 20    | 84    |  |
| YXR1310-03 | 10-8  | 1.05    | 3.15    | 12.6    | 14              | 28    | 33    | 134.5 | 34    | 23    | 102.5 |  |
| YXR1310-04 | 13-8  | 1.75    | 5.3     | 21.2    | 17.5            | 35    | 40    | 167.5 | 42.5  | 28    | 128.5 |  |
| YXR1310-05 | 16-8  | 3.2     | 8       | 32      | 22              | 43    | 48    | 205   | 52    | 32    | 156.5 |  |
| YXR1310-06 | 20-8  | 5.3     | 12.5    | 50      | 26              | 51.5  | 56    | 244   | 62    | 43    | 187   |  |

◆ Ultimate Load is 4 times the Working Load Limit.

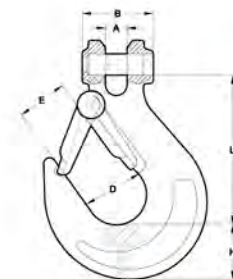


YXR1313

### G80 CONTAINER HOOK

| ITEM NO.   | SIZE (MM) | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |    |      |    |    |    |  |
|------------|-----------|---------|---------|---------|-----------------|----|------|----|----|----|--|
|            |           |         |         |         | A               | B  | E    | H  | M  | L  |  |
| YXR1313-01 | 13        | 1.5     | 5       | 20      | 7.5             | 32 | 19.5 | 20 | 88 | 68 |  |

◆ Ultimate Load is 4 times the Working Load Limit.

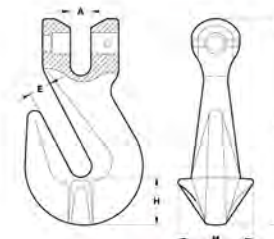


YXR1311

### G80 CLEVIS SELFLOCK HOOK WITH CAST LATCH

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |         |       |       |       |       |  |
|------------|-------|---------|---------|---------|-----------------|---------|-------|-------|-------|-------|--|
|            |       |         |         |         | A ± 0.5         | B ± 1.5 | D ± 1 | H ± 1 | L ± 2 | E ± 1 |  |
| YXR1311-01 | 6-8   | 0.32    | 1.12    | 4.48    | 8               | 32      | 35    | 23    | 76    | 26    |  |
| YXR1311-02 | 7/8-8 | 0.48    | 2       | 8       | 9.5             | 37      | 37    | 32.5  | 85.5  | 29    |  |
| YXR1311-03 | 10-8  | 0.95    | 3.15    | 12.6    | 13              | 49      | 46    | 35    | 104   | 39    |  |
| YXR1311-04 | 13-8  | 1.8     | 5.3     | 21.2    | 16.5            | 56.5    | 56    | 42.5  | 128   | 47    |  |
| YXR1311-05 | 16-8  | 3.4     | 8       | 32      | 21.5            | 70.5    | 60    | 54    | 150   | 55    |  |
| YXR1311-06 | 20-8  | 6       | 12.5    | 50      | 24              | 77      | 79    | 58    | 180   | 61    |  |
| YXR1311-07 | 22-8  | 10.4    | 15      | 60      | 27              | 91      | 101   | 62    | 213   | 72    |  |
| YXR1311-08 | 26-8  | 14.5    | 21.2    | 84.8    | 30              | 117     | 115   | 75    | 250   | 85    |  |
| YXR1311-09 | 32-8  | 27      | 31.5    | 126     | 35              | 150     | 140   | 88    | 317   | 106   |  |

◆ Ultimate Load is 3 times the Working Load Limit.

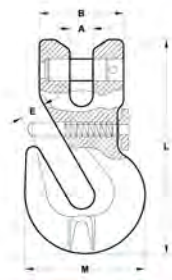


YXR1314

### G80 CLEVIS GRAB HOOK

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |         |       |       |       |  |
|------------|-------|---------|---------|---------|-----------------|---------|-------|-------|-------|--|
|            |       |         |         |         | E ± 1           | A ± 0.5 | H ± 1 | W ± 1 | L ± 2 |  |
| YXR1314-01 | 6-8   | 0.25    | 1.12    | 4.48    | 8.3             | 8       | 17.7  | 26.7  | 75    |  |
| YXR1314-02 | 7/8-8 | 0.32    | 2       | 8       | 11              | 9.5     | 18.5  | 33.5  | 89    |  |
| YXR1314-03 | 10-8  | 0.73    | 3.15    | 12.6    | 13              | 12.5    | 29    | 46    | 126   |  |
| YXR1314-04 | 13-8  | 1.6     | 5.3     | 21.2    | 16.5            | 15      | 42.7  | 57.5  | 163.5 |  |
| YXR1314-05 | 16-8  | 2.8     | 8       | 32      | 19              | 18.5    | 45    | 74    | 183.5 |  |
| YXR1314-06 | 20-8  | 5       | 12.5    | 50      | 24              | 23      | 56    | 74    | 219   |  |
| YXR1314-07 | 22-8  | 6.3     | 15      | 60      | 27              | 27      | 68.5  | 90    | 254   |  |
| YXR1314-08 | 26-8  | 14.5    | 21.2    | 84.8    | 30              | 30      | 77    | 102   | 309   |  |

◆ Ultimate Load is 3 times the Working Load Limit.

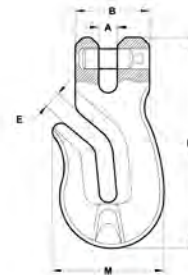


YXR1315

### G80 CLEVIS GRAB HOOK WITH SAFETY PIN

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |       |       |
|------------|-------|---------|---------|---------|-----------------|-------|-------|-------|-------|
|            |       |         |         |         | A±0.5           | B±1.2 | E±0.5 | M±2   | L±2   |
| YXR1315-01 | 6-8   | 0.28    | 1.12    | 4.48    | 8               | 32    | 8     | 43.5  | 75    |
| YXR1315-02 | 7/8-8 | 0.33    | 2       | 8       | 9.5             | 35    | 11    | 19.5  | 89    |
| YXR1315-03 | 10-8  | 0.88    | 3.15    | 12.6    | 12.5            | 42.5  | 13.2  | 70.5  | 126.5 |
| YXR1315-04 | 13-8  | 1.85    | 5.3     | 21.2    | 15              | 63    | 16.5  | 90    | 163.5 |
| YXR1315-05 | 16-8  | 3.24    | 8       | 32      | 19.5            | 65.5  | 19.2  | 112.5 | 183.5 |

◆ Ultimate Load is 4 times the Working Load Limit.

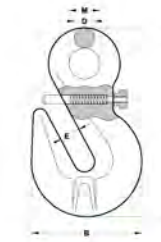


YXR1316

### G80 DEEP THROAT CLEVIS GRAB HOOK

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |       |     |       |
|------------|-------|---------|---------|---------|-----------------|------|-------|-----|-------|
|            |       |         |         |         | A±0.5           | B±1  | E±0.5 | M±2 | L±2.5 |
| YXR1316-01 | 6-8   | 0.19    | 1.12    | 4.48    | 7.5             | 31.5 | 7.5   | 45  | 85    |
| YXR1316-02 | 7/8-8 | 0.35    | 2       | 8       | 9               | 37.5 | 10    | 57  | 106   |
| YXR1316-03 | 10-8  | 0.75    | 3.15    | 12.6    | 12.5            | 47.5 | 13    | 74  | 127   |
| YXR1316-04 | 13-8  | 1.63    | 5.3     | 21.2    | 15              | 58.5 | 15.5  | 89  | 165.5 |

◆ Ultimate Load is 4 times the Working Load Limit.

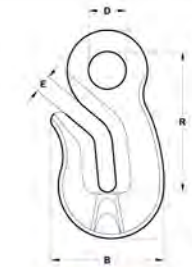


YXR1318

### G80 EYE SHORTENING GRAB HOOK WITH SAFETY PIN

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |      |       |       |
|------------|-------|---------|---------|---------|-----------------|-------|------|-------|-------|
|            |       |         |         |         | M±1             | B±1.5 | D±1  | E±0.5 | L±2   |
| YXR1318-01 | 7/8-8 | 0.29    | 2       | 8       | 17              | 50    | 9.5  | 11    | 88.5  |
| YXR1318-02 | 10-8  | 0.75    | 3.15    | 12.6    | 20              | 71    | 13   | 13    | 121.5 |
| YXR1318-03 | 13-8  | 1.62    | 5.3     | 21.2    | 26              | 96    | 15.5 | 16.5  | 158   |

◆ Ultimate Load is 4 times the Working Load Limit.

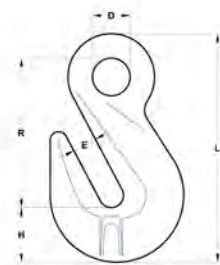


YXR1319

### G80 DEEP THROAT EYE GRAB HOOK

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |       |       |
|------------|-------|---------|---------|---------|-----------------|-------|-------|-------|-------|
|            |       |         |         |         | D±1             | E±0.3 | B±1.2 | R±1.5 | L±1.5 |
| YXR1319-01 | 6-8   | 0.16    | 1.12    | 4.48    | 15              | 7     | 45    | 56    | 83    |
| YXR1319-02 | 7/8-8 | 0.35    | 2       | 8       | 16              | 9.6   | 52    | 75.3  | 106.5 |
| YXR1319-03 | 10-8  | 0.75    | 3.15    | 12.6    | 21              | 13    | 66    | 84.5  | 124.5 |

◆ Ultimate Load is 4 times the Working Load Limit.

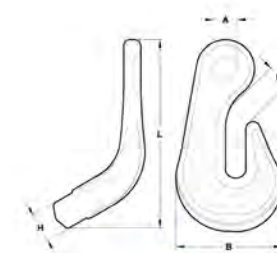


YXR1317

### G80 EYE SHORTENING GRAB HOOK

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |      |       |      |
|------------|-------|---------|---------|---------|-----------------|------|------|-------|------|
|            |       |         |         |         | E±0.5           | D±1  | H±1  | R±2   | L±2  |
| YXR1317-01 | 6-8   | 0.14    | 1.12    | 4.48    | 8               | 13.5 | 17.9 | 51.4  | 75.3 |
| YXR1317-02 | 7/8-8 | 0.245   | 2       | 8       | 10.8            | 18   | 20   | 61.5  | 91.2 |
| YXR1317-03 | 10-8  | 0.65    | 3.15    | 12.6    | 13              | 20   | 29   | 80    | 122  |
| YXR1317-04 | 13-8  | 1.39    | 5.3     | 21.2    | 16.5            | 26   | 42.8 | 99.7  | 158  |
| YXR1317-05 | 16-8  | 2.2     | 8       | 32      | 20              | 30.5 | 47.7 | 104   | 169  |
| YXR1317-06 | 20-8  | 4.6     | 12.5    | 50      | 25              | 37.5 | 56   | 140   | 219  |
| YXR1317-07 | 22-8  | 8.2     | 15      | 60      | 28              | 44   | 68   | 165   | 259  |
| YXR1317-08 | 26-8  | 9.8     | 21.2    | 84.8    | 30              | 44   | 77   | 188.8 | 298  |
| YXR1317-09 | 32-8  | 19.4    | 31.5    | 126     | 38              | 57   | 95   | 228   | 361  |

◆ Ultimate Load is 3 times the Working Load Limit.



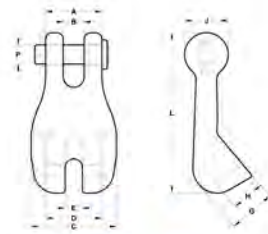
YXR1320

### EYE BEND HOOK

| ITEM NO.   | SIZE  | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |       |     |      |
|------------|-------|---------|---------|---------|-----------------|------|-------|-----|------|
|            |       |         |         |         | A±1             | B±2  | E±0.5 | L±2 | H±1  |
| YXR1320-01 | 1.86T | 0.4     | 1.86    | 7.44    | 13              | 57   | 15    | 100 | 18.5 |
| YXR1320-02 | 2T    | 0.5     | 2       | 8       | 13              | 58   | 10    | 105 | 20   |
| YXR1320-03 | 5T    | 1.7     | 5       | 20      | 20              | 92.5 | 16    | 170 | 30   |

◆ Ultimate Load is 4 times the Working Load Limit.

## AUSTRALIA TYPE CLEVIS CLAW HOOK



| ITEM NO.   | SIZE (MM) | WLL (LBS) | WT (KG) | DIMENSIONS (MM) |      |    |    |      |    |      |    |       |     |
|------------|-----------|-----------|---------|-----------------|------|----|----|------|----|------|----|-------|-----|
|            |           |           |         | A               | B    | C  | D  | E    | J  | G    | H  | L     | P   |
| YXY1321-01 | 7-8       | 3800      | 0.55    | 31              | 11.5 | 47 | 31 | 9.5  | 24 | 25.5 | 18 | 88.3  | 9.6 |
| YXY1321-02 | 10        | 6000      | 0.59    | 33              | 12.5 | 55 | 17 | 11.5 | 27 | 30   | 21 | 103.3 | 12  |

◆ Ultimate Load is 2 times the Working Load Limit.



YXR1321

## G80 TRACTOR HOOK



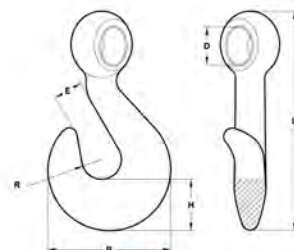
| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |       |       |
|------------|------|---------|---------|---------|-----------------|-------|-------|-------|-------|
|            |      |         |         |         | A±1             | D±0.6 | L±2   | B±2   | E±0.5 |
| YXR1322-01 | 8.5T | 5.45    | 8.5     | 34      | 70              | 30    | 270.5 | 145.3 | 40    |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1322

## EYE TWIST HOOK



| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |     |       |       |       |  |
|------------|------|---------|---------|---------|-----------------|------|-----|-------|-------|-------|--|
|            |      |         |         |         | E±1             | R±1  | B±2 | H±1.5 | L±2.5 | D±0.5 |  |
| YXR1323-01 | 8T   | 6.12    | 8       | 32      | 39              | 27.5 | 170 | 70.4  | 303   | 44.5  |  |

◆ Only for Lifting and Pulling Not for Lifting.



YXR1323

## HEAVY WINCH HOOK



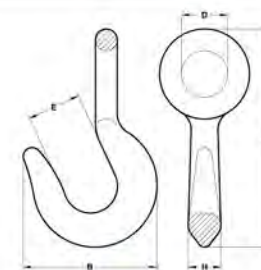
| ITEM NO.   | SIZE (IN) | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |       |     |     |
|------------|-----------|---------|---------|---------|-----------------|-----|-----|-------|-----|-----|
|            |           |         |         |         | M±1             | E±1 | D±1 | H±1.2 | B±2 | L±2 |
| YXR1324-01 | 1-1/8     | 1.09    | 5.3     | 21.6    | 35.5            | 33  | 24  | 60.3  | 140 | 207 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1324

## ROUND REVERSE EYE HOOK



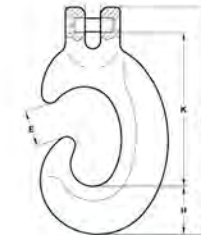
| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |     |     |
|------------|------|---------|---------|---------|-----------------|-----|-----|-----|-----|
|            |      |         |         |         | D±1             | B±2 | E±1 | L±2 | H±1 |
| YXR1325-01 | 6#   | 0.8     | 1.5     | 6       | 34              | 98  | 39  | 160 | 24  |
| YXR1325-02 | 7#   | 1.14    | 2       | 8       | 36              | 116 | 50  | 192 | 25  |

◆ Not for Lifting.



YXR1325

## G80 CLEVIS C HOOK

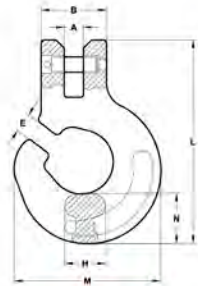


| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |       |      |       |       |  |
|------------|------|---------|---------|---------|-----------------|------|-------|------|-------|-------|--|
|            |      |         |         |         | A±0.5           | E±1  | B±1.5 | H±1  | K±2   | L±2.5 |  |
| YXR1326-01 | 7/8  | 0.57    | 2       | 8       | 9.5             | 20   | 35    | 28   | 90    | 136   |  |
| YXR1326-02 | 10   | 1.4     | 3.15    | 12.6    | 13              | 29.5 | 46    | 39.5 | 127   | 189   |  |
| YXR1326-03 | 13   | 3.0     | 5.3     | 21.2    | 16.5            | 39.5 | 59    | 52   | 166.5 | 246   |  |
| YXR1326-04 | 16   | 5.42    | 8       | 32      | 18.5            | 46.5 | 72    | 59   | 206   | 298   |  |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1326

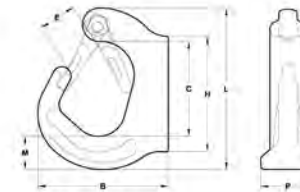


YXR1327

### G80 CLEVIS FOREST HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |     |      |       |      |  |
|------------|------|---------|---------|---------|-----------------|-------|-------|-----|------|-------|------|--|
|            |      |         |         |         | B±1.2           | A±0.5 | E±0.5 | H±1 | M±2  | N±0.5 | L±2  |  |
| YXR1327-01 | 6    | 0.413   | 1.12    | 4.48    | 31              | 8.5   | 8.5   | 18  | 66.5 | 24.5  | 83   |  |
| YXR1327-02 | 7/8  | 0.413   | 2       | 8       | 35              | 9.5   | 10.5  | 18  | 72.7 | 22.2  | 95.5 |  |
| YXR1327-03 | 10   | 0.92    | 3.15    | 12.6    | 44              | 13    | 13    | 22  | 97   | 33.5  | 137  |  |
| YXR1327-04 | 13   | 1.75    | 5.3     | 21.2    | 53              | 15    | 16    | 30  | 119  | 40    | 165  |  |

◆ Not for lifting only for logging.  
◆ Ultimate load is 4 times the Working Load Limit.

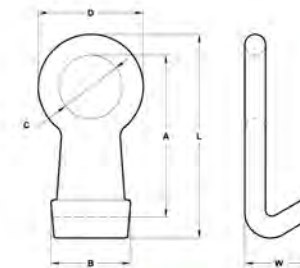


YXR1330

### G80 CLEVIS C HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |     |      |      |     |  |
|------------|------|---------|---------|---------|-----------------|-------|-------|-----|------|------|-----|--|
|            |      |         |         |         | B±1.5           | C±1.2 | E±0.5 | H±2 | M±1  | P±1  | L±2 |  |
| YXR1330-01 | 2T   | 0.83    | 2       | 10      | 92              | 67    | 30    | 81  | 23.3 | 34   | 114 |  |
| YXR1330-02 | 3T   | 1.2     | 3       | 15      | 106             | 73.5  | 33.2  | 116 | 33.6 | 36   | 129 |  |
| YXR1330-03 | 5T   | 2.46    | 5       | 25      | 133             | 94    | 35    | 159 | 44   | 43.5 | 171 |  |
| YXR1330-04 | 8T   | 3.26    | 8       | 40      | 136.5           | 94    | 33.31 | 159 | 44   | 51   | 177 |  |
| YXR1330-05 | 10T  | 5.17    | 10      | 50      | 169.5           | 134.5 | 50.54 | 194 | 54.7 | 53   | 223 |  |

◆ Ultimate load is 5 times the Working Load Limit.

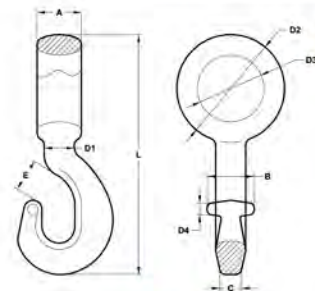


YXR1331

### FORGED BARREL HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |       |       |     |  |
|------------|------|---------|---------|---------|-----------------|-----|-----|-------|-------|-----|--|
|            |      |         |         |         | A±2             | B±2 | C±1 | D±1.2 | L±2   | W±2 |  |
| YXR1331-01 | 1T   | 0.7     | 1       | 4       | 109             | 60  | 38  | 64.5  | 118.5 | 59  |  |
| YXR1331-02 | 2T   | 0.55    | 2       | 8       | 102             | 50  | 40  | 66    | 128   | 43  |  |

◆ Ultimate load is 4 times the Working Load Limit.

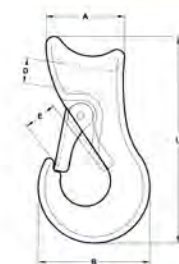


YXR1328

### G80 TWIST EYE CHOKE HOOK

| ITEM NO.   | SIZE    | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |       |      |        |        |      |       |     |  |
|------------|---------|---------|---------|---------|-----------------|------|-------|------|--------|--------|------|-------|-----|--|
|            |         |         |         |         | A±1             | B±1  | C±0.5 | D1±1 | D2±1.5 | D3±1.5 | D4   | E±0.5 | L±2 |  |
| YXR1328-01 | 7/8-8   | 0.36    | 2       | 8       | 19              | 28   | 6.5   | 17   | 52     | 30.5   | 7.5  | 16    | 123 |  |
| YXR1328-02 | 10-8    | 0.72    | 3.2     | 12.8    | 26              | 40   | 17.5  | 20   | 68     | 39     | 8    | 20    | 157 |  |
| YXR1328-03 | 13-8    | 1.4     | 5.4     | 21.6    | 34              | 43   | 21    | 25   | 85     | 52     | 9.5  | 27    | 195 |  |
| YXR1328-04 | 16-8    | 3.17    | 8.2     | 32.8    | 51              | 45.5 | 31    | 30   | 108    | 64     | 10.5 | 30    | 246 |  |
| YXR1328-05 | 18-8    | 3.8     | 10      | 40      | 49.5            | 53   | 22    | 33.5 | 121    | 75     | 12   | 37    | 268 |  |
| YXR1328-06 | 20/22-8 | 8.95    | 15.3    | 61.2    | 70              | 80   | 14    | 52   | 146    | 84     | 14   | 47    | 367 |  |

◆ Ultimate load is 4 times the Working Load Limit.

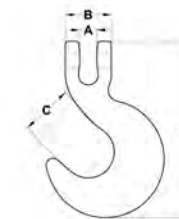


YXR1329

### G80 SLIDING EYE CHOKE HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |     |       |
|------------|-----------|---------|---------|---------|-----------------|-------|-------|-----|-------|
|            |           |         |         |         | D±0.5           | A±1.5 | B±1.5 | E±2 | L±3   |
| YXR1329-01 | 3/8-1/2   | 0.68    | 1.6     | 8       | 17              | 50    | 71    | 21  | 132   |
| YXR1329-02 | 5/8       | 1.21    | 2       | 10      | 22              | 63.5  | 79    | 23  | 151.5 |
| YXR1329-03 | 3/4       | 1.99    | 3       | 15      | 28              | 69    | 103   | 29  | 170   |
| YXR1329-04 | 1         | 4.18    | 5       | 25      | 32.5            | 85.7  | 135   | 38  | 213   |

◆ Ultimate load is 4 times the Working Load Limit.



YXR1332

### G80 CONTAINER HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |    |    |     |
|------------|------|---------|---------|---------|-----------------|----|----|-----|
|            |      |         |         |         | A               | B  | C  | D   |
| YXR1332-01 | 13mm | 1.41    | 5       | 20      | 17.6            | 47 | 53 | 180 |

◆ Ultimate load is 4 times the Working Load Limit.



YXR1333

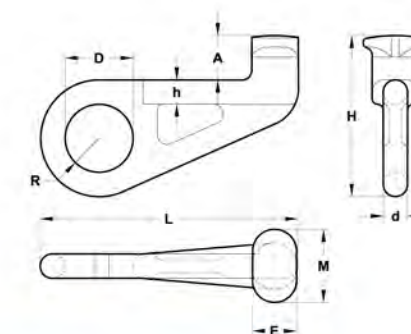
### G80 LASHING TYPE C HOOK WITH SPRING PIN

| ITEM NO.   | SIZE (MM) | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |      |
|------------|-----------|---------|---------|---------|-----------------|-------|-------|------|
|            |           |         |         |         | L±2             | A±0.3 | B±1.5 | R±1  |
| YXR1333-01 | 9         | 0.5     | 2.5     | 10      | 143             | 13.5  | 90.5  | 18.5 |
| YXR1333-02 | 11        | 0.85    | 3.75    | 15      | 177             | 15.5  | 109.5 | 22   |
| YXR1333-03 | 13        | 1.38    | 5.4     | 21.6    | 205             | 15.7  | 129   | 25.5 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1336



### G80 CONTAINER HOOK STRAIGHT TYPE

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |     |     |     |     |     |     |  |  |
|------------|------|---------|---------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
|            |      |         |         |         | A±1             | M±2 | H±2 | H±1 | E±1 | R±1 | D±1 | D±1 | L±2 |  |  |
| YXR1336-01 | S    | 4       | 12.5    | 50      | 46              | 75  | 166 | 25  | 48  | 60  | 70  | 25  | 265 |  |  |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1334

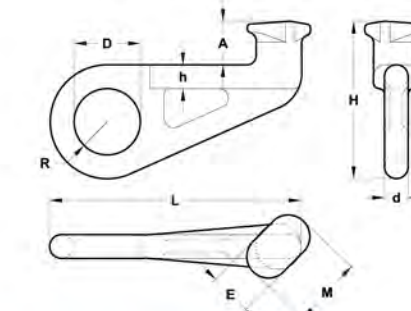
### G80 CLEVIS ELEPHANT FOOT

| ITEM NO.   | SIZE (MM) | WT (KG) | WLL (T) | DIMENSIONS (MM) |    |    |       |
|------------|-----------|---------|---------|-----------------|----|----|-------|
|            |           |         |         | A               | B  | D  | L     |
| YXR1334-01 | 13        | 0.97    | 5       | 16              | 46 | 59 | 103.4 |

◆ Ultimate Load is 4 times the Working Load Limit.



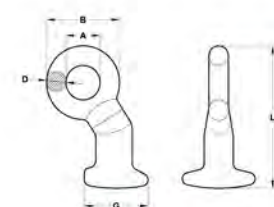
YXR1337



### G80 CONTAINER HOOK LEFT TYPE

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |     |     |     |     |     |     |  |  |
|------------|------|---------|---------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
|            |      |         |         |         | A±1             | M±2 | H±2 | H±1 | E±1 | R±1 | D±1 | D±1 | L±2 |  |  |
| YXR1337-01 | L    | 4       | 12.5    | 50      | 46              | 75  | 166 | 25  | 48  | 60  | 70  | 25  | 265 |  |  |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1335

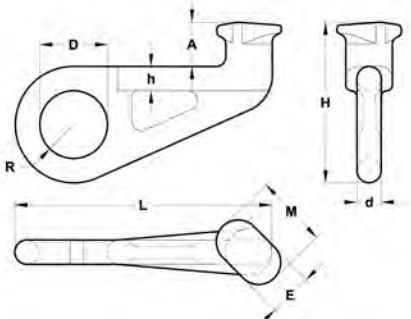
### G80 EYE ELEPHANT FOOT

| ITEM NO.   | SIZE (MM) | WT (KG) | WLL (T) | DIMENSIONS (MM) |    |    |      |     |
|------------|-----------|---------|---------|-----------------|----|----|------|-----|
|            |           |         |         | A               | B  | D  | G    | L   |
| YXR1335-01 | 13        | 0.67    | 5       | 28              | 60 | 16 | 52.5 | 116 |

◆ Ultimate Load is 4 times the Working Load Limit.



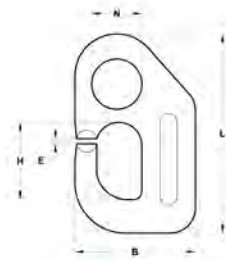
YXR1338



### G80 CONTAINER HOOK RIGHT TYPE

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |     |     |     |     |     |     |  |  |
|------------|------|---------|---------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
|            |      |         |         |         | A±1             | M±2 | H±2 | H±1 | E±1 | R±1 | D±1 | D±1 | L±2 |  |  |
| YXR1338-01 | R    | 4       | 12.5    | 50      | 46              | 75  | 166 | 25  | 48  | 60  | 70  | 25  | 265 |  |  |

◆ Ultimate Load is 4 times the Working Load Limit.

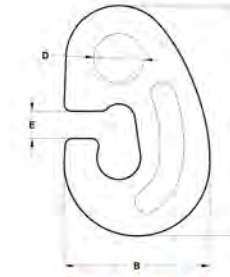


YXR1339

### ALLOY FORGED DV HOOK / VIKING LINK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |     |       |
|------------|------|---------|---------|---------|-----------------|-------|-------|-----|-------|
|            |      |         |         |         | N±2             | B±1.5 | E±0.1 | H±1 | L±1.2 |
| YXR1339-01 | 1.5T | 0.5     | 1.5     | 7.5     | 28              | 61    | 3     | 35  | 102   |
| YXR1339-02 | 3.0T | 0.73    | 3       | 15      | 30              | 72    | 3     | 41  | 119   |
| YXR1339-03 | 5.0T | 1.2     | 5       | 25      | 35              | 84.5  | 3     | 42  | 137   |
| YXR1339-04 | 8.0T | 1.6     | 8       | 40      | 42              | 96    | 3     | 42  | 153   |

◆ Ultimate Load is 5 times the Working Load Limit.

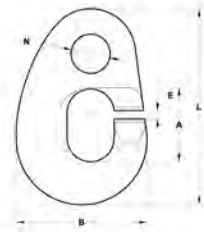


YXR1342

### ALLOY FORGED G HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |       |       |
|------------|------|---------|---------|---------|-----------------|------|-------|-------|
|            |      |         |         |         | E±0.5           | D±1  | B±1.5 | L±2   |
| YXR1342-01 | 4.2T | 0.8     | 4.2     | 21      | 15              | 27.5 | 80    | 126.5 |
| YXR1342-02 | 6.4T | 2.6     | 6.4     | 32      | 19              | 31   | 105.5 | 180   |

◆ Ultimate Load is 5 times the Working Load Limit.

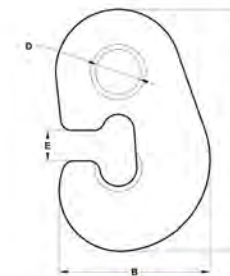


YXR1340

### ALLOY FORGED G HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |      |      |   |
|------------|------|---------|---------|---------|-----------------|------|------|------|---|
|            |      |         |         |         | L               | N    | B    | A    | E |
| YXR1340-01 | 1.5T | 0.4     | 1.6     | 6       | 91.5            | 18.3 | 61   | 33.9 | 4 |
| YXR1340-02 | 2.6T | 0.7     | 2.6     | 10.4    | 116.5           | 21.3 | 78.5 | 42   | 4 |
| YXR1340-03 | 4T   | 1.35    | 4       | 16      | 144             | 25.5 | 94   | 56.8 | 4 |
| YXR1340-04 | 6T   | 2.115   | 6       | 24      | 164             | 30.3 | 111  | 64   | 5 |

◆ Ultimate Load is 3 times the Working Load Limit.



YXR1343

### ALLOY FORGED G HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |       |       |
|------------|------|---------|---------|---------|-----------------|-----|-------|-------|
|            |      |         |         |         | D±1             | B±2 | E±0.5 | L±1.5 |
| YXR1343-01 | 1.0T | 0.33    | 1       | 5       | 17              | 57  | 11.5  | 91    |
| YXR1343-02 | 1.5T | 0.6     | 1.5     | 7.5     | 20              | 66  | 13    | 107   |
| YXR1343-03 | 3.2T | 0.9     | 3.2     | 16      | 26              | 77  | 15    | 123   |
| YXR1343-04 | 5.6T | 3.1     | 5.6     | 28      | 38              | 115 | 23    | 180   |

◆ Ultimate Load is 5 times the Working Load Limit.

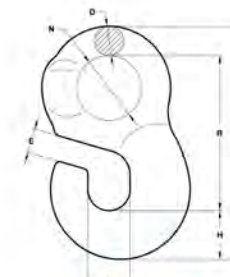


YXR1341

### ALLOY FORGED G HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |      |       |       |
|------------|------|---------|---------|---------|-----------------|-------|------|-------|-------|
|            |      |         |         |         | A±1             | B±1.5 | E±1  | T±0.5 | L±2   |
| YXR1341-01 | 3T   | 0.69    | 3       | 15      | 28.5            | 72.5  | 41.5 | 18    | 119   |
| YXR1341-02 | 5T   | 1.13    | 5       | 25      | 35              | 83.5  | 44   | 18    | 136.5 |
| YXR1341-03 | 8T   | 2.1     | 8       | 40      | 42              | 90.5  | 42   | 18    | 150   |
| YXR1341-04 | 10T  | 3.98    | 10      | 50      | 41              | 116   | 60   | 19.3  | 185   |
| YXR1341-05 | 15T  | 6.1     | 15      | 75      | 51              | 139   | 73   | 20    | 216   |
| YXR1341-06 | 20T  | 8.4     | 20      | 100     | 62              | 156   | 82   | 28    | 242   |

◆ Ultimate Load is 5 times the Working Load Limit.

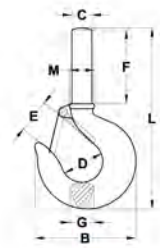


YXR1344

### G80 G HOOK

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |     |      |       |       |       |
|------------|------|---------|---------|---------|-----------------|-----|-----|------|-------|-------|-------|
|            |      |         |         |         | A±0.5           | N±1 | D±1 | H±1  | R±1.5 | E±0.3 | L±2   |
| YXR1344-01 | 10   | 0.51    | 3.15    | 12.6    | 20              | 32  | 14  | 22   | 76.5  | 12    | 113   |
| YXR1344-02 | 13   | 1.3     | 5.3     | 21.2    | 26              | 40  | 18  | 29   | 95.5  | 15    | 143.5 |
| YXR1344-03 | 16   | 1.9     | 8.0     | 32      | 32              | 50  | 22  | 35.5 | 117   | 18.4  | 176   |
| YXR1344-04 | 19   | 3.65    | 12.5    | 50      | 38              | 60  | 26  | 43   | 141   | 22    | 216.5 |

◆ Ultimate Load is 4 times the Working Load Limit.

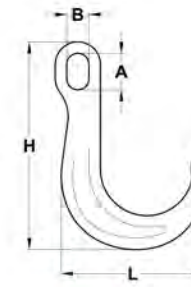


YXR1345

### FORGED SHANK HOOK WITH LATCH

| ITEM NO.   | WT (KG) | WLL (T)      |             | DIMENSIONS (MM) |      |       |       |       |       |       |       |  |
|------------|---------|--------------|-------------|-----------------|------|-------|-------|-------|-------|-------|-------|--|
|            |         | CARBON (4:1) | ALLOY (5:1) | B±1             | E±1  | C±0.3 | M±0.5 | G±1.5 | F±1   | D±0.5 | L±1.2 |  |
| YXR1345-01 | 0.23    | 1            | 0.75        | 73              | 25   | 15    | 18    | 16    | 51    | 32    | 127   |  |
| YXR1345-02 | 0.34    | 1.5          | 1           | 80.3            | 25.5 | 16.7  | 20    | 18    | 58    | 35    | 147   |  |
| YXR1345-03 | 0.45    | 2            | 1.5         | 92              | 30.4 | 18.4  | 23    | 22.5  | 67    | 38    | 165   |  |
| YXR1345-04 | 0.84    | 3            | 2           | 105             | 32   | 22.4  | 26    | 24    | 69    | 41.4  | 177.5 |  |
| YXR1345-05 | 1.75    | 5            | 3           | 126             | 38.5 | 29.5  | 32    | 29    | 82    | 51    | 216.5 |  |
| YXR1345-06 | 3.29    | 7            | 5           | 167             | 47   | 35.8  | 40    | 36    | 95.5  | 64    | 262.5 |  |
| YXR1345-07 | 6.1     | 11           | 7.5         | 192             | 61   | 46    | 51    | 47.7  | 111.2 | 76    | 323   |  |
| YXR1345-08 | 8.2     | 15           | 10          | 214.6           | 66   | 50.8  | 55.6  | 55.5  | 114   | 82.5  | 342   |  |
| YXR1345-09 | 16      | 22           | 15          | 262.5           | 89.5 | 65    | 68.8  | 68.5  | 141   | 108   | 426   |  |

◆ Carbon Steel Ultimate Load is 4 times the Working Load Limit.  
◆ Alloy Steel Ultimate Load is 5 times the Working Load Limit.



YXR1348

### J TYPE HOOK WITH ELLIPSE HOLE

| ITEM NO.   | SIZE (IN.) | WT (KG) | WLL (T) | DIMENSIONS (MM) |      |       |       |
|------------|------------|---------|---------|-----------------|------|-------|-------|
|            |            |         |         | A               | B    | H     | L     |
| YXR1348-01 | 8          | 1.5     | 2.45    | 32.0            | 19.5 | 162.0 | 146.0 |
| YXR1348-02 | 15         | 2.0     | 2.45    | 32.0            | 19.5 | 318.2 | 157.3 |

◆ Ultimate Load is 4 times the Working Load Limit.

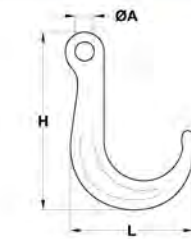


YXR1346

### CLEVIS J HOOK

| ITEM NO.   | SIZE (IN.) | WT (KG) | WLL (T) | DIMENSIONS (MM) |      |      |      |
|------------|------------|---------|---------|-----------------|------|------|------|
|            |            |         |         | A               | B    | C    | D    |
| YXR1346-01 | 8          | 1.24    | 2.11    | 210             | 12.4 | 12.7 | 25.5 |
| YXR1346-02 | 15         | 1.50    | 2.11    | 366.8           | 12.4 | 12.7 | 23.7 |

◆ Ultimate Load is 4 times the Working Load Limit.

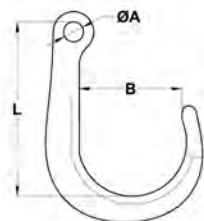


YXR1349

### J TYPE HOOK WITH ROUND HOLE

| ITEM NO.   | SIZE (IN.) | WT (KG) | WLL (T) | DIMENSIONS (MM) |       |       |
|------------|------------|---------|---------|-----------------|-------|-------|
|            |            |         |         | A               | H     | L     |
| YXR1349-01 | 8          | 1.5     | 2.45    | 19.5            | 162.0 | 146.0 |
| YXR1349-02 | 15         | 2.0     | 2.45    | 19.5            | 318.2 | 157.3 |

◆ Ultimate Load is 4 times the Working Load Limit.

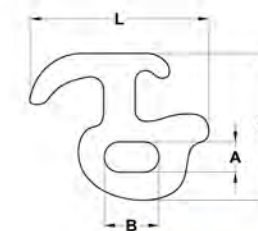


YXR1347

### J TYPE HOOK WITH ROUND HOLE

| ITEM NO.   | SIZE (IN.) | WT (KG) | WLL (T) | DIMENSIONS (MM) |       |       |
|------------|------------|---------|---------|-----------------|-------|-------|
|            |            |         |         | A               | L     | B     |
| YXR1347-01 | 8          | 1.31    | 2.11    | 19.5            | 168.0 | 105.5 |
| YXR1347-02 | 15         | 2.22    | 2.11    | 19.5            | 347.2 | 105.5 |

◆ Ultimate Load is 4 times the Working Load Limit.

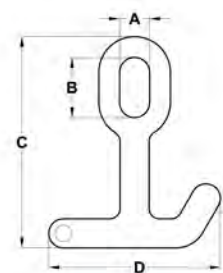


YXR1350

### R TYPE HOOK

| ITEM NO.   | SIZE (IN.) | WT (KG) | BL (T) |       | DIMENSIONS (MM) |      |      |      |
|------------|------------|---------|--------|-------|-----------------|------|------|------|
|            |            |         | CARBON | ALLOY | A               | B    | L    | M    |
| YXR1350-01 | 5/16       | 0.30    | 5.3    | 8.5   | 14.4            | 26.0 | 85.2 | 66.5 |

◆ Ultimate Load is 4 times the Working Load Limit.



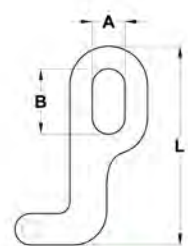
### T-J TYPE HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | BL (T) |       | DIMENSIONS (MM) |      |       |      |
|------------|-----------|---------|--------|-------|-----------------|------|-------|------|
|            |           |         | CARBON | ALLOY | A               | B    | C     | D    |
| YXR1351-01 | 5/16      | 0.33    | 5.1    | 7.1   | 14.5            | 29.0 | 101.8 | 82.7 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1351



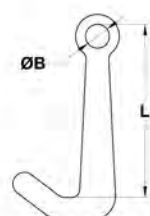
### T TYPE HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | BL (T) |       | DIMENSIONS (MM) |      |       |
|------------|-----------|---------|--------|-------|-----------------|------|-------|
|            |           |         | CARBON | ALLOY | A               | B    | L     |
| YXR1352-01 | 5/16      | 0.26    | 7.1    | 8.5   | 28.9            | 14.5 | 101.1 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1352



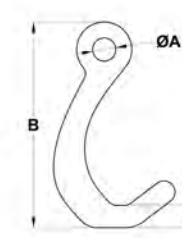
### SMALL J TYPE HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | BLL (T) | DIMENSIONS (MM) |       |
|------------|-----------|---------|---------|-----------------|-------|
|            |           |         |         | B               | L     |
| YXR1353-01 | 5/16-3/8  | 0.32    | 8.5     | 14.5            | 105.2 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1353

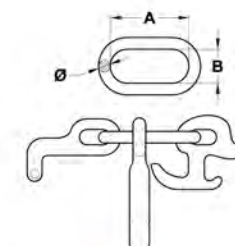


### EYE SLING HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | BLL (T) | DIMENSIONS (MM) |       |      |
|------------|-----------|---------|---------|-----------------|-------|------|
|            |           |         |         | A               | B     | C    |
| YXR1354-01 | 5/16-3/8  | 0.32    | 8.5     | 14.4            | 107.1 | 16.1 |



YXR1354



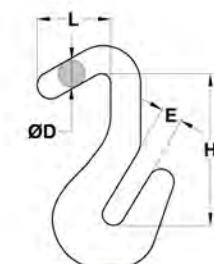
### CLUSTER HOOK RTJ

| ITEM NO.   | SIZE (IN) | WT (KG) | BLL (T) | DIMENSIONS (MM) |      |      |
|------------|-----------|---------|---------|-----------------|------|------|
|            |           |         |         | A               | B    | Φ    |
| YXR1355-01 | RTJ       | 1.03    | 5.3     | 74.0            | 32.0 | 11.0 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1355



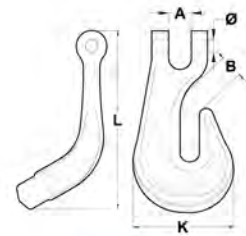
### LONG FALCATE HOOK S TYPE

| ITEM NO.   | SIZE (IN) | WT (KG) | BLL (T) | DIMENSIONS (MM) |      |      |      |
|------------|-----------|---------|---------|-----------------|------|------|------|
|            |           |         |         | D               | E    | L    | H    |
| YXR1356-01 | 5.5T      | 0.32    | 5.72    | 14.5            | 11.8 | 47.2 | 86.6 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1356



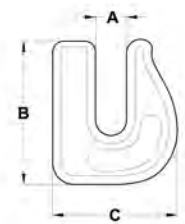
### CLEVIS GRAB BEND HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | BLL (T) | DIMENSIONS (MM) |       |      |      |      |
|------------|-----------|---------|---------|-----------------|-------|------|------|------|
|            |           |         |         | A               | L     | B    | K    | Φ    |
| YXR1357-01 | 5/16      | 0.45    | 4.54    | 11.0            | 120.5 | 11.8 | 58.0 | 12.0 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1357



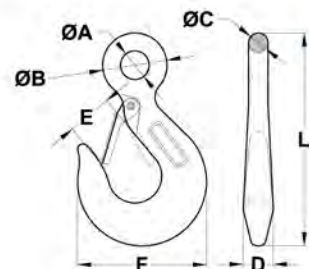
### WELDED HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | WLL (LBS) | DIMENSIONS (MM) |       |       |
|------------|-----------|---------|-----------|-----------------|-------|-------|
|            |           |         |           | A               | B     | C     |
| YXR1358-01 | 5/16      | 0.21    | 4700      | 11.5            | 64.0  | 49.6  |
| YXR1358-02 | 3/8       | 0.40    | 6600      | 13.0            | 76.0  | 60.0  |
| YXR1358-03 | 1/2       | 0.79    | 11300     | 17.5            | 99.1  | 78.1  |
| YXR1358-04 | 5/8       | 1.50    | 15800     | 20.6            | 127.0 | 103.9 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1358



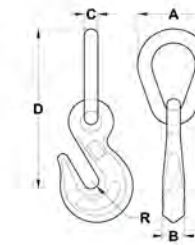
### DIN689 EYE HOOK WITH LATCH

| ITEM NO.   | SIZE (T) | WT (KG) | WLL (T) | DIMENSIONS (MM) |    |      |      |    |      |     |
|------------|----------|---------|---------|-----------------|----|------|------|----|------|-----|
|            |          |         |         | A               | B  | C    | D    | E  | F    | L   |
| YXR1359-01 | 0.25     | 0.16    | 0.25    | 12              | 27 | 7.5  | 13   | 17 | 52.5 | 88  |
| YXR1359-02 | 0.5      | 0.36    | 0.5     | 16              | 37 | 10   | 17.5 | 18 | 70   | 117 |
| YXR1359-03 | 1        | 0.98    | 1       | 20              | 47 | 13.5 | 24   | 29 | 98   | 160 |
| YXR1359-04 | 1.6      | 1.4     | 1.6     | 22              | 55 | 16.5 | 27   | 32 | 111  | 186 |
| YXR1359-05 | 2.5      | 3.1     | 2.5     | 25              | 67 | 21   | 37.6 | 42 | 145  | 233 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1359



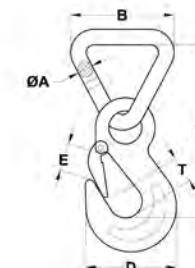
### SGH HOOK

| ITEM NO.   | SIZE (IN) | WT (KG) | MBS (T) | DIMENSIONS (MM) |    |      |       |      |
|------------|-----------|---------|---------|-----------------|----|------|-------|------|
|            |           |         |         | A               | B  | C    | D     | R    |
| YXR1360-01 | 3/8       | 0.6     | 5       | 62.5            | 17 | 11.7 | 129.8 | 11.5 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1360



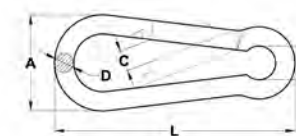
### TRIANGLE EYE SLIP HOOK WITH LATCH

| ITEM NO.   | SIZE | WT (KG) | BLL (T) | DIMENSIONS (MM) |      |      |       |      |
|------------|------|---------|---------|-----------------|------|------|-------|------|
|            |      |         |         | B               | D    | E    | R     | T    |
| YXR1361-01 | 58   | 0.54    | 5       | 58.0            | 70.0 | 20.0 | 133.0 | 18.0 |
| YXR1361-02 | 83   | 0.60    | 5       | 83.0            | 70.0 | 20.0 | 155.0 | 18.0 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1361



### DIN5299 FORM C SNAP HOOK

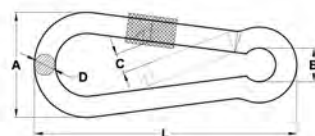
| ITEM NO.   | SIZE (MM) | WT (G) | WLL (LBS) | DIMENSIONS (MM) |    |    |    |     |
|------------|-----------|--------|-----------|-----------------|----|----|----|-----|
|            |           |        |           | A               | B  | C  | D  | L   |
| YXR1362-01 | 4x40      | 6      | 200       | 20              | 7  | 7  | 4  | 40  |
| YXR1362-02 | 5x50      | 16     | 220       | 25              | 8  | 7  | 5  | 50  |
| YXR1362-03 | 6x60      | 28     | 260       | 30              | 9  | 8  | 6  | 60  |
| YXR1362-04 | 7x70      | 45     | 400       | 35              | 10 | 8  | 7  | 70  |
| YXR1362-05 | 8x80      | 63     | 500       | 40              | 12 | 9  | 8  | 80  |
| YXR1362-06 | 9x90      | 90     | 550       | 45              | 12 | 10 | 9  | 90  |
| YXR1362-07 | 10x100    | 125    | 770       | 50              | 16 | 11 | 10 | 100 |
| YXR1362-08 | 11x120    | 192    | 990       | 57              | 18 | 16 | 11 | 120 |
| YXR1362-09 | 12x140    | 250    | 1200      | 67              | 20 | 19 | 12 | 140 |
| YXR1362-10 | 13x160    | 350    | 1400      | 74              | 22 | 25 | 13 | 160 |
| YXR1362-11 | 14x180    | 455    | 1600      | 86              | 22 | 35 | 14 | 180 |
| YXR1362-12 | 15x200    | 618    | 1800      | 90              | 26 | 37 | 15 | 200 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1362

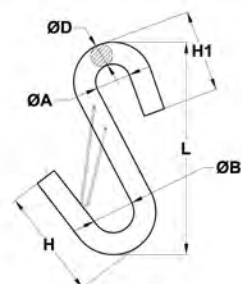
## DIN5299 FORM D SNAP HOOK WITH SCREW



YXR1363

| ITEM NO.   | SIZE (MM) | WT (G) | WLL (LBS) | DIMENSIONS (MM) |    |    |    |     |  |
|------------|-----------|--------|-----------|-----------------|----|----|----|-----|--|
|            |           |        |           | A               | B  | C  | D  | L   |  |
| YXR1363-01 | 5x50      | 20     | 220       | 25              | 8  | 7  | 5  | 50  |  |
| YXR1363-02 | 6x60      | 30     | 260       | 30              | 9  | 8  | 6  | 60  |  |
| YXR1363-03 | 7x70      | 50     | 400       | 35              | 10 | 8  | 7  | 70  |  |
| YXR1363-04 | 8x80      | 75     | 500       | 40              | 12 | 9  | 8  | 80  |  |
| YXR1363-05 | 9x90      | 98     | 550       | 45              | 12 | 10 | 9  | 90  |  |
| YXR1363-06 | 10x100    | 160    | 770       | 50              | 16 | 11 | 10 | 100 |  |
| YXR1363-07 | 11x120    | 210    | 990       | 57              | 18 | 16 | 11 | 120 |  |
| YXR1363-08 | 12x140    | 270    | 1200      | 67              | 20 | 19 | 12 | 140 |  |
| YXR1363-09 | 13x160    | 360    | 1400      | 74              | 22 | 25 | 13 | 160 |  |
| YXR1363-10 | 14x180    | 510    | 1600      | 86              | 22 | 35 | 14 | 180 |  |

◆ Ultimate Load is 4 times the Working Load Limit.

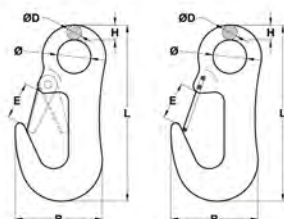


YXR1364

## S-HOOK WITH LATCH

| ITEM NO.   | SIZE (IN) | WT (G) | WLL (LBS) | DIMENSIONS (MM) |    |    |    |    |     |
|------------|-----------|--------|-----------|-----------------|----|----|----|----|-----|
|            |           |        |           | A               | B  | D  | H  | H1 | L   |
| YXR1364-01 | 3/8       | 108    | 750       | 16              | 19 | 10 | 52 | 39 | 97  |
| YXR1364-02 | 7/16      | 167    | 1250      | 16              | 22 | 11 | 63 | 41 | 111 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1365

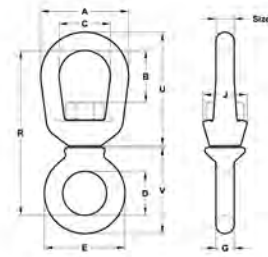
## TOW HOOK

| ITEM NO.   | SIZE  | WT (KG) | BLL (KN) | DIMENSIONS (MM) |       |       |       |     |      |
|------------|-------|---------|----------|-----------------|-------|-------|-------|-----|------|
|            |       |         |          | Φ±1             | B±1.2 | D±0.8 | H±0.8 | E±1 | L±2  |
| YXR1365-01 | LATCH | 0.175   | 3.5      | 18              | 46    | 9.5   | 8     | 19  | 91.5 |
| YXR1365-02 | WIRE  | 0.165   | 3.5      | 18              | 46    | 9.5   | 8     | 19  | 91.5 |

◆ Ultimate Load is 4 times the Working Load Limit.

## OTHER HOOKS





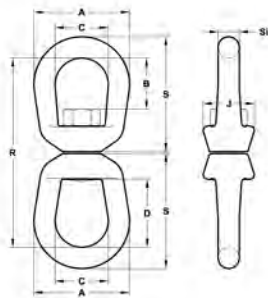
## G401 CHAIN SWIVELS

| ITEM NO.   | SIZE (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |      |      |      |      |      |      |  |  |
|------------|-----------|-----------|----------|-----------------|------|------|------|------|------|------|------|------|------|------|--|--|
|            |           |           |          | A               | B    | C    | D    | E    | G    | J    | M    | R    | U    | V    |  |  |
| YXR1366-01 | 1/4       | 850       | 0.13     | 1.25            | 0.69 | 0.75 | 0.62 | 1.12 | 0.25 | 0.69 | 0.31 | 2.25 | 1.69 | 1.25 |  |  |
| YXR1366-02 | 5/16      | 1250      | 0.25     | 1.63            | 0.81 | 1.00 | 0.75 | 1.38 | 0.31 | 0.81 | 0.38 | 2.72 | 2.06 | 1.47 |  |  |
| YXR1366-03 | 3/8       | 2250      | 0.54     | 2.00            | 0.94 | 1.25 | 1.00 | 1.75 | 0.38 | 1.00 | 0.50 | 3.44 | 2.50 | 1.88 |  |  |
| YXR1366-04 | 1/2       | 3600      | 1.12     | 2.50            | 1.31 | 1.50 | 1.25 | 2.25 | 0.50 | 1.31 | 0.63 | 4.25 | 3.19 | 2.44 |  |  |
| YXR1366-05 | 5/8       | 5200      | 2.09     | 3.00            | 1.56 | 1.75 | 1.50 | 2.75 | 0.62 | 1.50 | 0.75 | 5.13 | 3.88 | 2.94 |  |  |
| YXR1366-06 | 3/4       | 7200      | 3.09     | 3.50            | 1.75 | 2.00 | 1.75 | 3.25 | 0.75 | 1.88 | 0.88 | 5.78 | 4.94 | 3.46 |  |  |

◆ Ultimate Load is 5 times the Working Load Limit.



YXR1366



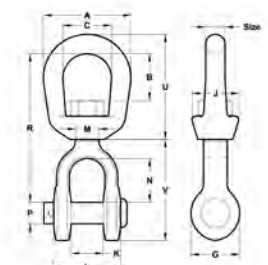
## G402 REGULAR CHAIN SWIVELS

| ITEM NO.   | SIZE (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |      |       |      |  |  |  |
|------------|-----------|-----------|----------|-----------------|------|------|------|------|------|-------|------|--|--|--|
|            |           |           |          | A               | B    | C    | D    | J    | M    | R     | S    |  |  |  |
| YXR1367-01 | 1/4       | 850       | 0.21     | 1.25            | 0.69 | 0.75 | 1.06 | 0.69 | 0.31 | 2.94  | 1.69 |  |  |  |
| YXR1367-02 | 5/16      | 1250      | 0.39     | 1.63            | 0.81 | 1.00 | 1.25 | 0.81 | 0.38 | 3.56  | 2.06 |  |  |  |
| YXR1367-03 | 3/8       | 2250      | 0.71     | 2.00            | 0.94 | 1.25 | 1.50 | 1.00 | 0.50 | 4.31  | 2.50 |  |  |  |
| YXR1367-04 | 1/2       | 3600      | 1.32     | 2.50            | 1.31 | 1.50 | 2.00 | 1.31 | 0.38 | 5.44  | 3.19 |  |  |  |
| YXR1367-05 | 5/8       | 5200      | 2.49     | 3.00            | 1.56 | 1.75 | 2.38 | 1.50 | 0.75 | 6.56  | 3.88 |  |  |  |
| YXR1367-06 | 3/4       | 7200      | 4.02     | 3.50            | 1.79 | 2.00 | 2.63 | 1.88 | 0.88 | 7.19  | 4.31 |  |  |  |
| YXR1367-07 | 7/8       | 10000     | 6.25     | 4.00            | 2.06 | 2.25 | 3.06 | 2.13 | 1.00 | 8.38  | 5.00 |  |  |  |
| YXR1367-08 | 1         | 12500     | 8.95     | 4.50            | 2.31 | 2.50 | 3.50 | 2.38 | 1.13 | 9.63  | 5.75 |  |  |  |
| YXR1367-09 | 1-1/4     | 18000     | 16.37    | 5.63            | 2.89 | 3.13 | 3.69 | 3.00 | 1.50 | 11.44 | 6.75 |  |  |  |
| YXR1367-10 | 1-1/2     | 45200     | 45.79    | 7.09            | 3.88 | 4.09 | 3.88 | 3.75 | 2.25 | 16.69 | 9.91 |  |  |  |

◆ Ultimate Load is 5 times the Working Load Limit.



YXR1367



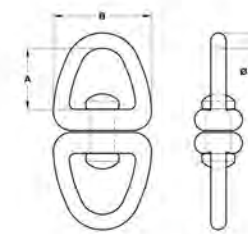
## G403 JAW SWIVELS

| ITEM NO.   | SIZE (IN) | WLL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |      |      |      |      |      |      |      |      |       |       |       |  |  |
|------------|-----------|-----------|----------|-----------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--|--|
|            |           |           |          | A               | B    | C    | G    | J    | K    | L    | M    | N    | P    | R     | U     | V     |  |  |
| YXR1368-01 | 1/4       | 850       | 0.21     | 1.25            | 0.69 | 0.75 | 0.69 | 0.69 | 0.47 | 1.03 | 0.31 | 0.88 | 0.25 | 2.63  | 1.69  | 1.69  |  |  |
| YXR1368-02 | 5/16      | 1250      | 0.34     | 1.63            | 0.81 | 1.00 | 0.81 | 0.81 | 0.50 | 1.13 | 0.38 | 0.88 | 0.31 | 2.94  | 2.06  | 1.81  |  |  |
| YXR1368-03 | 3/8       | 2250      | 0.66     | 2.00            | 0.94 | 1.25 | 1.00 | 1.00 | 0.63 | 1.41 | 0.50 | 1.06 | 0.38 | 3.63  | 2.50  | 2.25  |  |  |
| YXR1368-04 | 1/2       | 3600      | 1.34     | 2.50            | 1.31 | 1.50 | 1.31 | 1.31 | 0.75 | 1.75 | 0.63 | 1.31 | 0.50 | 4.50  | 3.19  | 2.88  |  |  |
| YXR1368-05 | 5/8       | 5200      | 2.48     | 3.00            | 1.56 | 1.75 | 1.63 | 1.50 | 0.94 | 2.06 | 0.75 | 1.50 | 0.63 | 5.31  | 3.88  | 3.44  |  |  |
| YXR1368-06 | 3/4       | 7200      | 3.88     | 3.50            | 1.75 | 2.00 | 1.88 | 1.88 | 1.13 | 2.53 | 0.88 | 1.75 | 0.75 | 6.06  | 4.31  | 4.00  |  |  |
| YXR1368-07 | 7/8       | 10000     | 5.87     | 4.00            | 2.06 | 2.25 | 2.13 | 2.13 | 1.34 | 2.79 | 1.00 | 2.06 | 0.88 | 7.00  | 5.00  | 4.53  |  |  |
| YXR1368-08 | 1         | 12500     | 9.84     | 4.50            | 2.31 | 2.50 | 2.63 | 2.88 | 1.75 | 3.72 | 1.13 | 2.81 | 1.13 | 8.56  | 5.75  | 5.94  |  |  |
| YXR1368-09 | 1-1/4     | 18000     | 15.75    | 5.69            | 2.69 | 3.13 | 3.13 | 3.00 | 2.06 | 4.31 | 1.63 | 2.81 | 1.38 | 9.75  | 7.06  | 6.38  |  |  |
| YXR1368-10 | 1-1/2     | 45200     | 54.75    | 7.00            | 3.88 | 4.00 | 5.63 | 4.00 | 2.88 | 6.00 | 2.25 | 4.44 | 2.25 | 14.25 | 10.00 | 10.84 |  |  |

◆ Ultimate Load is 5 times the Working Load Limit.



YXR1368



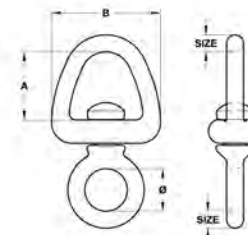
## FISHING SWIVELS "8" TYPE

| ITEM NO.   | SIZE (MM) | WLL (T) | WT (KG) | DIMENSIONS (MM) |    |    |
|------------|-----------|---------|---------|-----------------|----|----|
|            |           |         |         | A               | B  | Φ  |
| YXR1369-01 | 8         | 0.3     | 0.15    | 30              | 22 | 8  |
| YXR1369-02 | 10        | 0.7     | 0.25    | 38              | 29 | 10 |
| YXR1369-03 | 12        | 1.2     | 0.4     | 40              | 32 | 12 |
| YXR1369-04 | 14        | 2       | 0.6     | 46              | 36 | 14 |
| YXR1369-05 | 16        | 3       | 0.85    | 50              | 40 | 16 |
| YXR1369-06 | 18        | 3.5     | 1.2     | 55              | 46 | 18 |
| YXR1369-07 | 22        | 5       | 2       | 70              | 55 | 22 |
| YXR1369-08 | 24        | 6       | 3       | 80              | 64 | 24 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1369



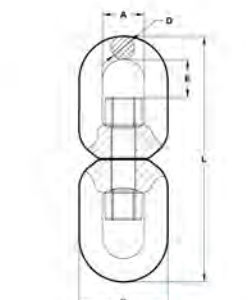
## FISHING SWIVELS FIXED TYPE

| ITEM NO.   | SIZE (MM) | WLL (T) | WT (KG) | DIMENSIONS (MM) |    |    |
|------------|-----------|---------|---------|-----------------|----|----|
|            |           |         |         | A               | B  | Φ  |
| YXR1370-01 | 12        | 1.5     | 0.3     | 40              | 32 | 12 |
| YXR1370-02 | 14        | 2.5     | 0.45    | 45              | 38 | 14 |
| YXR1370-03 | 16        | 3       | 0.65    | 50              | 40 | 16 |
| YXR1370-04 | 18        | 3.5     | 0.85    | 56              | 42 | 18 |
| YXR1370-05 | 22        | 5       | 1.5     | 63              | 46 | 22 |
| YXR1370-06 | 24        | 6       | 2       | 68              | 50 | 24 |
| YXR1370-07 | 28        | 8       | 3       | 78              | 56 | 28 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1370



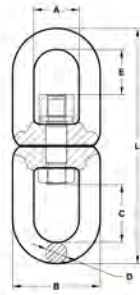
## G80 SWIVEL

| ITEM NO.   | SIZE (IN) | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |       |     |     |
|------------|-----------|---------|---------|---------|-----------------|-------|-------|-----|-----|
|            |           |         |         |         | A±1.2           | B±1.5 | E±1.5 | L±3 | D±1 |
| YXR1371-01 | 1-1/2     | 13.55   | 17      | 85      | 72              | 148   | 61    | 435 | 37  |
| YXR1371-02 | 1-3/4     | 15.95   | 25      | 125     | 80              | 168   | 68    | 464 | 43  |

◆ Ultimate Load is 5 times the Working Load Limit.



YXR1371



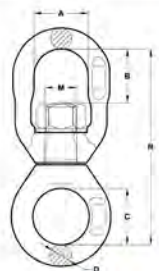
### G80 SWIVEL WITH BEARING

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |     |       |       |     |     |
|------------|------|---------|---------|---------|-----------------|-----|-------|-------|-----|-----|
|            |      |         |         |         | A±1             | B±2 | E±1.5 | C±1.5 | D±1 | L±2 |
| YXR1372-01 | 10   | 1.85    | 3.15    | 12.6    | 38              | 76  | 34.5  | 51    | 19  | 209 |
| YXR1372-02 | 13   | 5.5     | 5.3     | 21.2    | 60              | 116 | 60    | 77    | 28  | 312 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1372



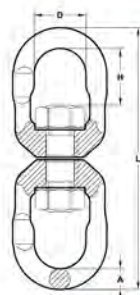
### G80 EYE SWIVEL

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |       |     |     |    |       |
|------------|------|---------|---------|---------|-----------------|-------|-----|-----|----|-------|
|            |      |         |         |         | A±1.2           | B±1.5 | C±1 | D±1 | M  | R±2.5 |
| YXR1373-01 | 10   | 1.35    | 3.15    | 12.6    | 42              | 40    | 42  | 16  | 22 | 146   |
| YXR1373-02 | 13   | 2.02    | 5.3     | 21.2    | 49              | 52.5  | 48  | 19  | 24 | 175   |
| YXR1373-03 | 16   | 4.1     | 8.0     | 32      | 60              | 63    | 60  | 23  | 30 | 215   |
| YXR1373-04 | 19   | 5.83    | 12.5    | 50      | 71              | 78    | 72  | 27  | 36 | 256   |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1373



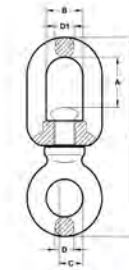
### G80 REGULAR SWIVEL

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | BLL (T) | DIMENSIONS (MM) |      |       |       |
|------------|------|---------|---------|---------|-----------------|------|-------|-------|
|            |      |         |         |         | A±1             | D±1  | H±1.5 | L±2   |
| YXR1374-01 | 7/8  | 0.6     | 2       | 8       | 12.5            | 35.5 | 28.5  | 164   |
| YXR1374-02 | 10   | 1.5     | 3.15    | 12.6    | 15              | 42   | 34.5  | 194.5 |
| YXR1374-03 | 13   | 1.75    | 5.3     | 21.2    | 21.2            | 50   | 43.5  | 216.5 |
| YXR1374-04 | 16   | 4.52    | 8       | 32      | 32              | 61   | 56    | 289   |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1374



### FORGED SWIVELS

| ITEM NO.   | SIZE (IN) | WT (KG) | DIMENSIONS (MM) |       |      |       |        |       |
|------------|-----------|---------|-----------------|-------|------|-------|--------|-------|
|            |           |         | A±1             | B±0.5 | C±1  | D±0.5 | D1±0.5 | L±2   |
| YXR1375-01 | 9/16      | 0.58    | 41              | 29.5  | 30.5 | 15    | 14     | 158   |
| YXR1375-02 | 5/8       | 0.85    | 45              | 34    | 34.5 | 16    | 16     | 176.5 |
| YXR1375-03 | 3/4       | 1.39    | 51              | 38    | 38   | 20    | 19     | 201.5 |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1375



### WELDED SWIVELS

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | B.L (T) | DIMENSIONS (MM) |       |      |      |       |
|------------|------|---------|---------|---------|-----------------|-------|------|------|-------|
|            |      |         |         |         | D±1             | B±1.5 | C±1  | D1±1 | L±2.5 |
| YXR1376-01 | 16   | 0.85    | 2.4     | 12      | 22              | 32    | 32   | 16   | 150   |
| YXR1376-02 | 19   | 1.33    | 3.8     | 19      | 28              | 40    | 42.5 | 19   | 188   |
| YXR1376-03 | 22   | 2.56    | 5.3     | 26.5    | 47              | 48    | 57   | 22   | 250   |
| YXR1376-04 | 25   | 4.0     | 7.2     | 36      | 37              | 53    | 63   | 25   | 265   |
| YXR1376-05 | 28   | 4.9     | 9.0     | 45      | 37              | 52    | 65   | 28   | 280   |

◆ Ultimate Load is 4 times the Working Load Limit.



YXR1376



### FORGED SWIVELS

| ITEM NO.   | SIZE | WT (KG) | WLL (T) | B.L (T) | DIMENSIONS (MM) |       |     |     |     |
|------------|------|---------|---------|---------|-----------------|-------|-----|-----|-----|
|            |      |         |         |         | A±1             | B±1.2 | C±2 | D±1 | L±2 |
| YXR1377-01 | 3T   | 4.4     | 3       | 12      | 38              | 58    | 70  | 29  | 254 |

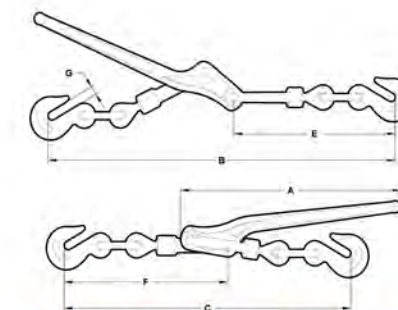
◆ Ultimate Load is 4 times the Working Load Limit.



YXR1377

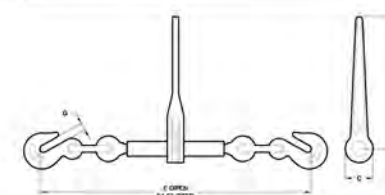
# LOAD BINDER

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.



US TYPE STANDARD LEVER TYPE LOAD BINDER L150

| ITEM NO.   | SIZE (IN) | WLL (LBS) | MBL (LBS) | WT (LBS) | DIMENSIONS (IN) |       |       |       |       |      |
|------------|-----------|-----------|-----------|----------|-----------------|-------|-------|-------|-------|------|
|            |           |           |           |          | A               | B     | C     | E     | F     | G    |
| YXR1400-01 | 1/4-5/16  | 2600      | 9100      | 3.63     | 12.05           | 17.32 | 14.37 | 8.46  | 8.23  | 0.39 |
| YXR1400-02 | 5/16-3/8  | 5400      | 19000     | 7.93     | 15.75           | 23.90 | 19.80 | 11.30 | 11.22 | 0.50 |
| YXR1400-03 | 5/16-3/8  | 6600      | 26400     | 8.15     | 15.75           | 24.49 | 20.39 | 11.60 | 11.52 | 0.50 |
| YXR1400-04 | 3/8-1/2   | 9200      | 33000     | 12.56    | 17.36           | 27.36 | 22.24 | 12.80 | 12.76 | 0.65 |
| YXR1400-05 | 1/2-5/8   | 13000     | 46000     | 20.26    | 20.39           | 33.39 | 27.36 | 15.55 | 15.39 | 0.73 |



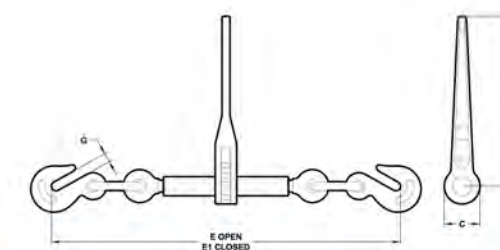
YXR1401

US TYPE STANDARD RATCHET TYPE LOAD BINDER L140

| ITEM NO.   | SIZE (IN) | WLL (LBS) | MBL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |       |       |      |
|------------|-----------|-----------|-----------|----------|-----------------|------|-------|-------|------|
|            |           |           |           |          | A               | C    | E     | E1    | G    |
| YXR1401-01 | 1/4-5/16  | 2600      | 9100      | 3.68     | 8.27            | 1.65 | 17.52 | 22.64 | 0.39 |
| YXR1401-02 | 5/16-3/8  | 5400      | 19000     | 10.36    | 13.98           | 2.56 | 22.95 | 29.29 | 0.50 |
| YXR1401-03 | 5/16-3/8  | 6600      | 26400     | 10.56    | 13.98           | 2.56 | 23.54 | 29.88 | 0.50 |
| YXR1401-04 | 5/16-3/8  | 8800      | 26400     | 10.95    | 13.98           | 2.56 | 23.54 | 29.88 | 0.50 |
| YXR1401-05 | 3/8-1/2   | 9200      | 33000     | 11.24    | 13.98           | 2.56 | 23.74 | 30.24 | 0.65 |
| YXR1401-06 | 3/8-1/2   | 15000     | 45000     | 11.69    | 13.98           | 2.56 | 24.45 | 30.95 | 0.65 |
| YXR1401-07 | 1/2-5/8   | 13000     | 46000     | 15.83    | 13.98           | 2.56 | 27.17 | 33.86 | 0.73 |
| YXR1401-08 | 5/8-3/4   | 20000     | 70000     | 28.60    | 13.98           | 2.56 | 31.61 | 39.29 | 0.93 |



YXR1402

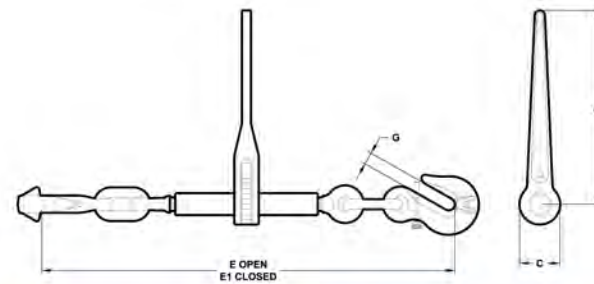


EUROPEAN STANDARD TYPE RATCHET LOAD BINDER

| ITEM NO.   | SIZE    | WLL (KGS) | MBL (KGS) | WT (KGS) | DIMENSIONS (MM) |    |     |     |      |
|------------|---------|-----------|-----------|----------|-----------------|----|-----|-----|------|
|            |         |           |           |          | A               | C  | E1  | E   | G    |
| YXR1402-01 | 6mm     | 1000      | 3500      | 1.65     | 210             | 42 | 415 | 526 | 10   |
| YXR1402-02 | 8-10mm  | 2400      | 8600      | 4.70     | 355             | 65 | 583 | 747 | 12.7 |
| YXR1402-03 | 10-13mm | 4200      | 15000     | 5.10     | 355             | 65 | 603 | 768 | 16.5 |
| YXR1402-04 | 13-16mm | 6000      | 20800     | 7.20     | 355             | 65 | 690 | 860 | 18.5 |
| YXR1402-05 | 16-19mm | 9000      | 32000     | 12.00    | 356             | 82 | 790 | 988 | 23.5 |



YXR1403

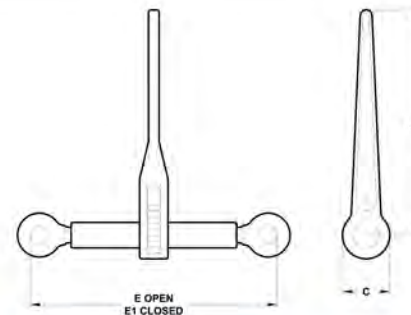


EN12195-3 TYPE RATCHET LOAD BINDER WITH SAFETY PIN

| ITEM NO.   | SIZE | LC (KN) | BF (KN) | WT (KG) | DIMENSIONS (MM) |    |     |     |    |
|------------|------|---------|---------|---------|-----------------|----|-----|-----|----|
|            |      |         |         |         | A               | C  | E1  | E   | G  |
| YXR1403-01 | 8mm  | 40      | 80      | 4.9     | 355             | 65 | 590 | 754 | 11 |
| YXR1403-02 | 10mm | 63      | 126     | 5.4     | 355             | 65 | 610 | 775 | 12 |
| YXR1403-03 | 13mm | 100     | 212     | 7.5     | 355             | 65 | 700 | 870 | 15 |
| YXR1403-04 | 16mm | 160     | 322     | 11      | 355             | 65 | 775 | 970 | 19 |



YXR1404

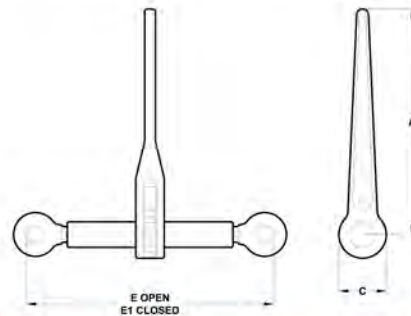


EUROPEAN STANDARD TYPE RATCHET LOAD BINDER WITHOUT LINK AND HOOK

| ITEM NO.   | SIZE    | WLL (KG) | MBL (KG) | WT (KG) | DIMENSIONS (IN) |      |       |       |
|------------|---------|----------|----------|---------|-----------------|------|-------|-------|
|            |         |          |          |         | A               | C    | E     | E1    |
| YXR1404-01 | 8-10mm  | 2400     | 8600     | 3.40    | 13.98           | 2.56 | 20.00 | 13.54 |
| YXR1404-02 | 10-13mm | 4200     | 15000    | 3.50    | 13.98           | 2.56 | 20.16 | 13.66 |
| YXR1404-03 | 13-16mm | 6000     | 20800    | 4.20    | 13.98           | 2.56 | 21.61 | 14.92 |



YXR1405

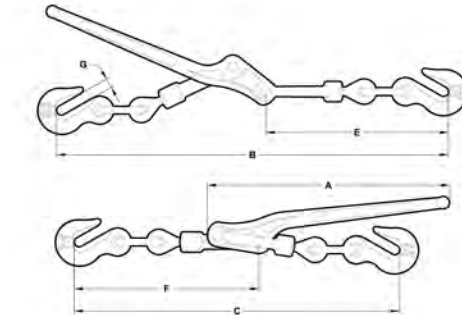


EN12195-3 TYPE RATCHET LOAD BINDER WITHOUT LINK AND HOOK

| ITEM NO.   | SIZE | LC (KN) | BF (KN) | WT (KG) | DIMENSIONS (IN) |      |       |       |
|------------|------|---------|---------|---------|-----------------|------|-------|-------|
|            |      |         |         |         | A               | C    | E     | E1    |
| YXR1405-01 | 8mm  | 40      | 80      | 3.40    | 13.98           | 2.56 | 20.00 | 13.54 |
| YXR1405-02 | 10mm | 63      | 126     | 3.50    | 13.98           | 2.56 | 20.16 | 13.66 |
| YXR1405-03 | 13mm | 100     | 212     | 4.20    | 13.98           | 2.56 | 21.61 | 14.92 |



YXR1406

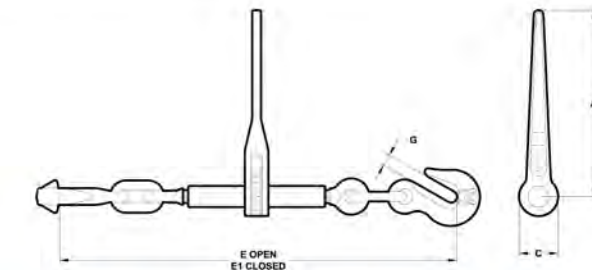


AUSTRALIA TYPE LEVER LOAD BINDER WITH WING HOOK

| ITEM NO.   | SIZE  | WLL (KG) | MBL (KG) | WT (KG) | DIMENSIONS (MM) |     |     |     |     |    |
|------------|-------|----------|----------|---------|-----------------|-----|-----|-----|-----|----|
|            |       |          |          |         | A               | B   | C   | E   | F   | G  |
| YXR1406-01 | 6mm   | 2300     | 4600     | 1.68    | 306             | 440 | 365 | 215 | 209 | 10 |
| YXR1406-02 | 7-8mm | 3800     | 8600     | 3.85    | 400             | 614 | 510 | 287 | 285 | 11 |
| YXR1406-03 | 10mm  | 6000     | 12000    | 5.8     | 441             | 702 | 572 | 325 | 324 | 12 |
| YXR1406-04 | 13mm  | 9000     | 18000    | 9.35    | 518             | 858 | 705 | 395 | 391 | 15 |



YXR1407

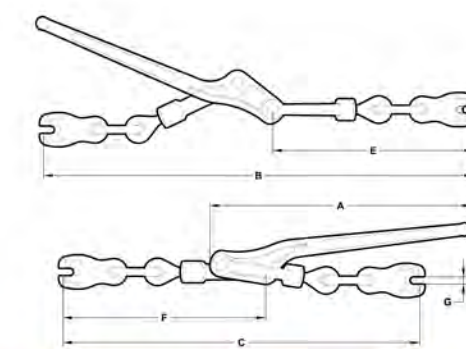


AUSTRALIA TYPE RATCHET LOAD BINDER WITH WING HOOK

| ITEM NO.   | SIZE  | WLL (KG) | MBL (KG) | WT (KG) | DIMENSIONS (MM) |    |     |     |    |
|------------|-------|----------|----------|---------|-----------------|----|-----|-----|----|
|            |       |          |          |         | A               | C  | E1  | E   | G  |
| YXR1407-01 | 6mm   | 2300     | 4600     | 1.69    | 210             | 42 | 415 | 528 | 10 |
| YXR1407-02 | 7-8mm | 3800     | 8600     | 4.9     | 355             | 65 | 590 | 754 | 11 |
| YXR1407-03 | 10mm  | 6000     | 12000    | 5.4     | 355             | 65 | 610 | 775 | 12 |
| YXR1407-04 | 13mm  | 9000     | 18000    | 7.5     | 355             | 65 | 700 | 870 | 15 |

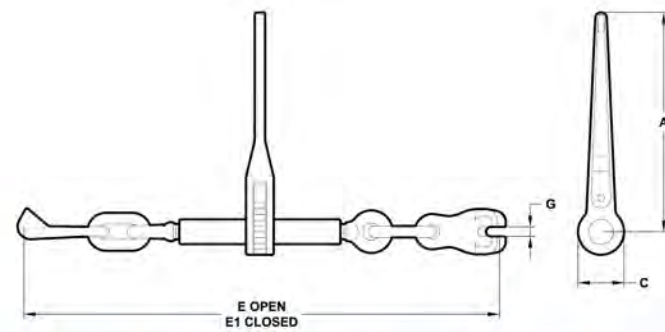


YXR1408



AUSTRALIA TYPE LEVER LOAD BINDER WITH CLAW HOOK

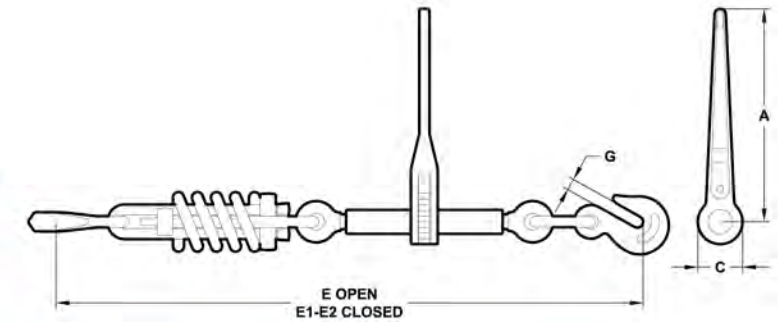
| ITEM NO.   | SIZE  | WLL (KG) | MBL (KG) | WT (KG) | DIMENSIONS (MM) |     |     |     |     |      |
|------------|-------|----------|----------|---------|-----------------|-----|-----|-----|-----|------|
|            |       |          |          |         | A               | B   | C   | E   | F   | G    |
| YXR1408-01 | 7-8mm | 3800     | 8600     | 3.8     | 400             | 633 | 529 | 300 | 298 | 9.5  |
| YXR1408-02 | 10mm  | 6000     | 12000    | 5.8     | 441             | 735 | 605 | 345 | 344 | 11.5 |



YXR1409

AUSTRALIA TYPE RATCHET LOAD BINDER WITH CLAW HOOK

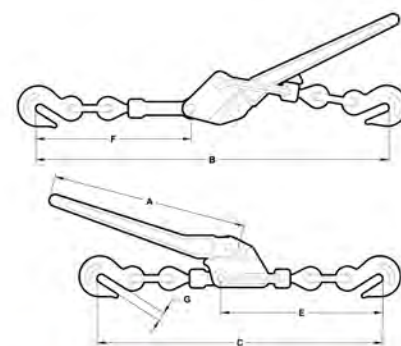
| ITEM NO.   | SIZE  | WLL (KG) | MBS (KG) | WT (KG) | DIMENSIONS (MM) |    |     |     |      |
|------------|-------|----------|----------|---------|-----------------|----|-----|-----|------|
|            |       |          |          |         | A               | C  | E   | E1  | G    |
| YXR1409-01 | 7-8mm | 3800     | 8600     | 4.8     | 355             | 65 | 609 | 773 | 9.5  |
| YXR1409-02 | 10mm  | 6000     | 12000    | 5.1     | 355             | 65 | 644 | 809 | 11.5 |



YXR1412

US TYPE SPRING RATCHET LOAD BINDER

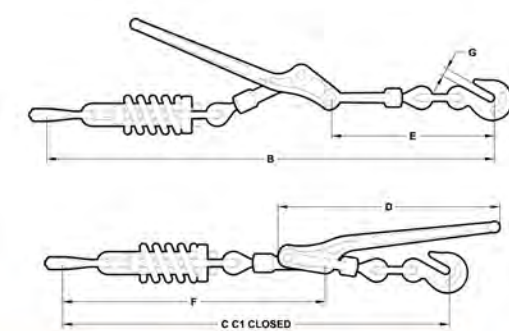
| ITEM NO.   | SIZE (IN) | WLL (LBS) | MBL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |       |       |       |      |
|------------|-----------|-----------|-----------|----------|-----------------|------|-------|-------|-------|------|
|            |           |           |           |          | A               | C    | E     | E1    | E2    | G    |
| YXR1412-01 | 5/16-3/8  | 5400      | 19000     | 18.32    | 13.98           | 2.56 | 30.82 | 37.16 | 38.26 | 0.50 |
| YXR1412-02 | 3/8-1/2   | 9200      | 33000     | 19.2     | 13.98           | 2.56 | 31.61 | 38.11 | 39.21 | 0.65 |



YXR1410

US TYPE RECOILESS LEVER LOAD BINDER

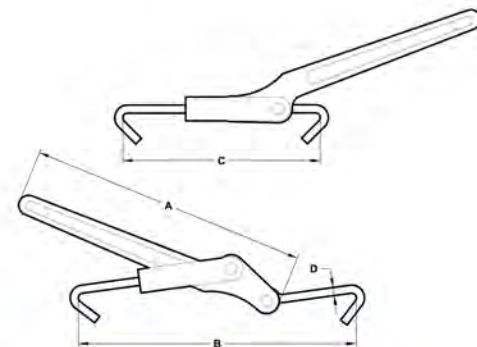
| ITEM NO.   | SIZE (IN) | WLL (LBS) | MBL (LBS) | WT (LBS) | DIMENSIONS (IN) |       |       |       |       |      |  |
|------------|-----------|-----------|-----------|----------|-----------------|-------|-------|-------|-------|------|--|
|            |           |           |           |          | A               | B     | C     | E     | F     | G    |  |
| YXR1410-01 | 5/16-3/8  | 5400      | 19000     | 9.46     | 12.99           | 23.94 | 19.76 | 11.30 | 11.22 | 0.50 |  |
| YXR1410-02 | 3/8-1/2   | 9200      | 33000     | 14.51    | 19.33           | 28.27 | 23.46 | 12.80 | 12.76 | 0.65 |  |



YXR1413

US TYPE SPRING LEVER LOAD BINDER

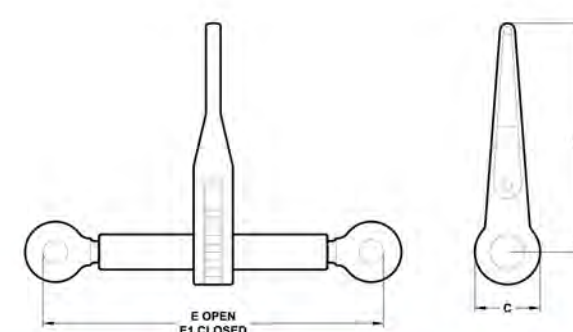
| ITEM NO.   | SIZE (IN) | WLL (LBS) | MBL (LBS) | WT (LBS) | DIMENSIONS (IN) |       |       |       |       |       |      |
|------------|-----------|-----------|-----------|----------|-----------------|-------|-------|-------|-------|-------|------|
|            |           |           |           |          | B               | C     | C1    | D     | E     | F     | G    |
| YXR1413-01 | 5/16-3/8  | 5400      | 19000     | 14.96    | 31.77           | 27.67 | 28.77 | 15.75 | 11.30 | 19.09 | 0.50 |
| YXR1413-02 | 3/8-1/2   | 9200      | 33000     | 19.36    | 35.23           | 30.11 | 31.21 | 17.36 | 12.80 | 20.63 | 0.65 |



YXR1411

US TYPE LIGHT LEVER LOAD BINDER

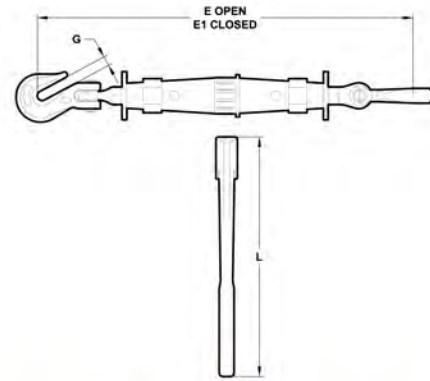
| ITEM NO.    | SIZE (MM) | WLL (KG) | MBL (KG) | WT (KG) | DIMENSIONS (IN) |      |     |       |
|-------------|-----------|----------|----------|---------|-----------------|------|-----|-------|
|             |           |          |          |         | A               | B    | C   | D     |
| YXR11411-01 | 250       | 250      | 500      | 1.43    | 9.5             | 9.37 | 6.5 | 0.275 |
| YXR11411-02 | 375       | 275      | 750      | 1.52    | 9.5             | 9.37 | 6.5 | 0.394 |



YXR1414

EN12195-3 TYPE SHORT HANDLE RATCHET LOAD BINDER

| ITEM NO.   | SIZE | LC (KN) | BF (KN) | WT (KG) | DIMENSIONS (IN) |    |     |     |
|------------|------|---------|---------|---------|-----------------|----|-----|-----|
|            |      |         |         |         | A               | C  | E1  | E   |
| YXR1414-01 | 8mm  | 40      | 80      | 3.05    | 198             | 65 | 508 | 344 |
| YXR1414-02 | 10mm | 63      | 126     | 3.12    | 228             | 65 | 512 | 347 |

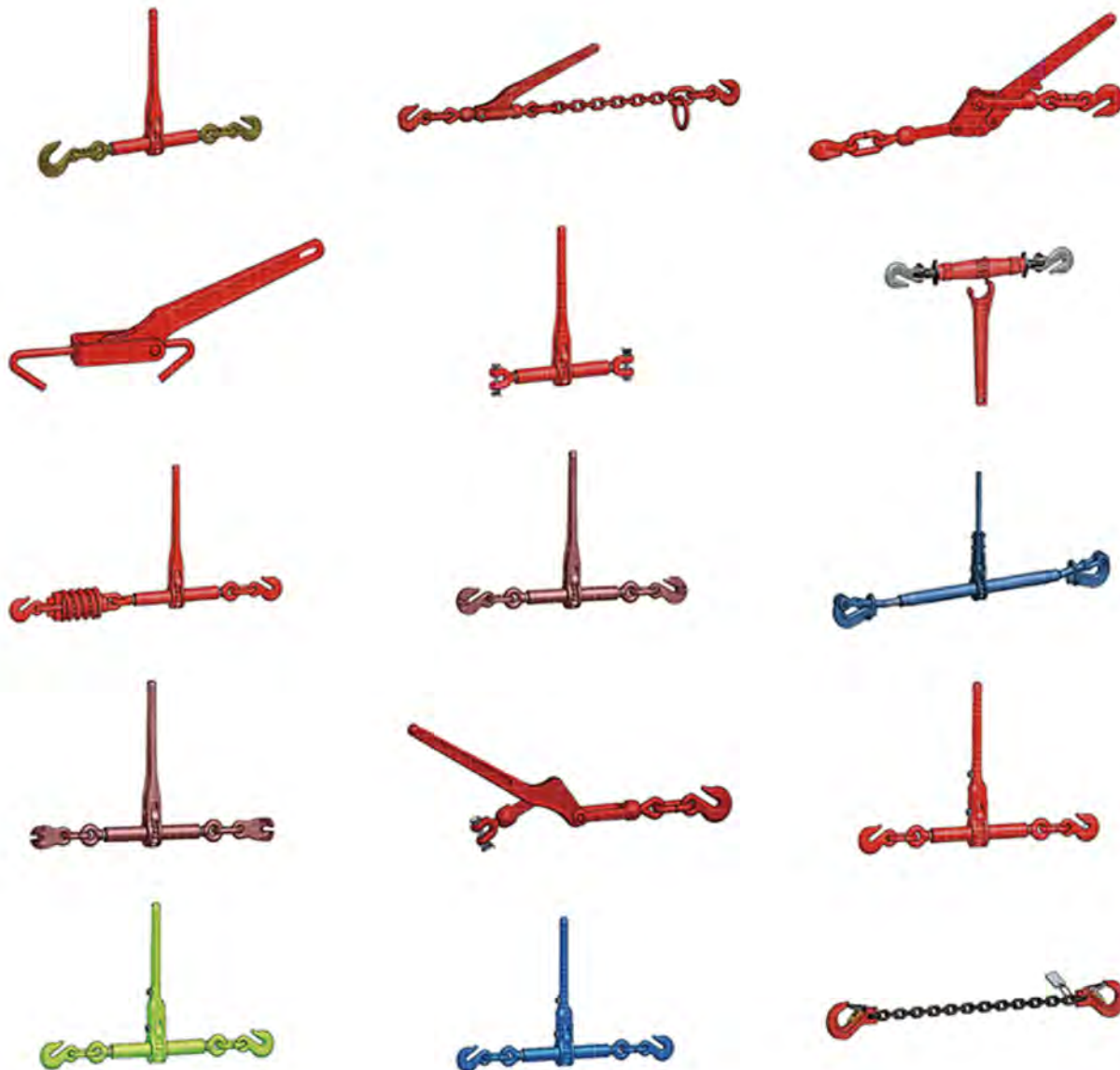


YXR1415

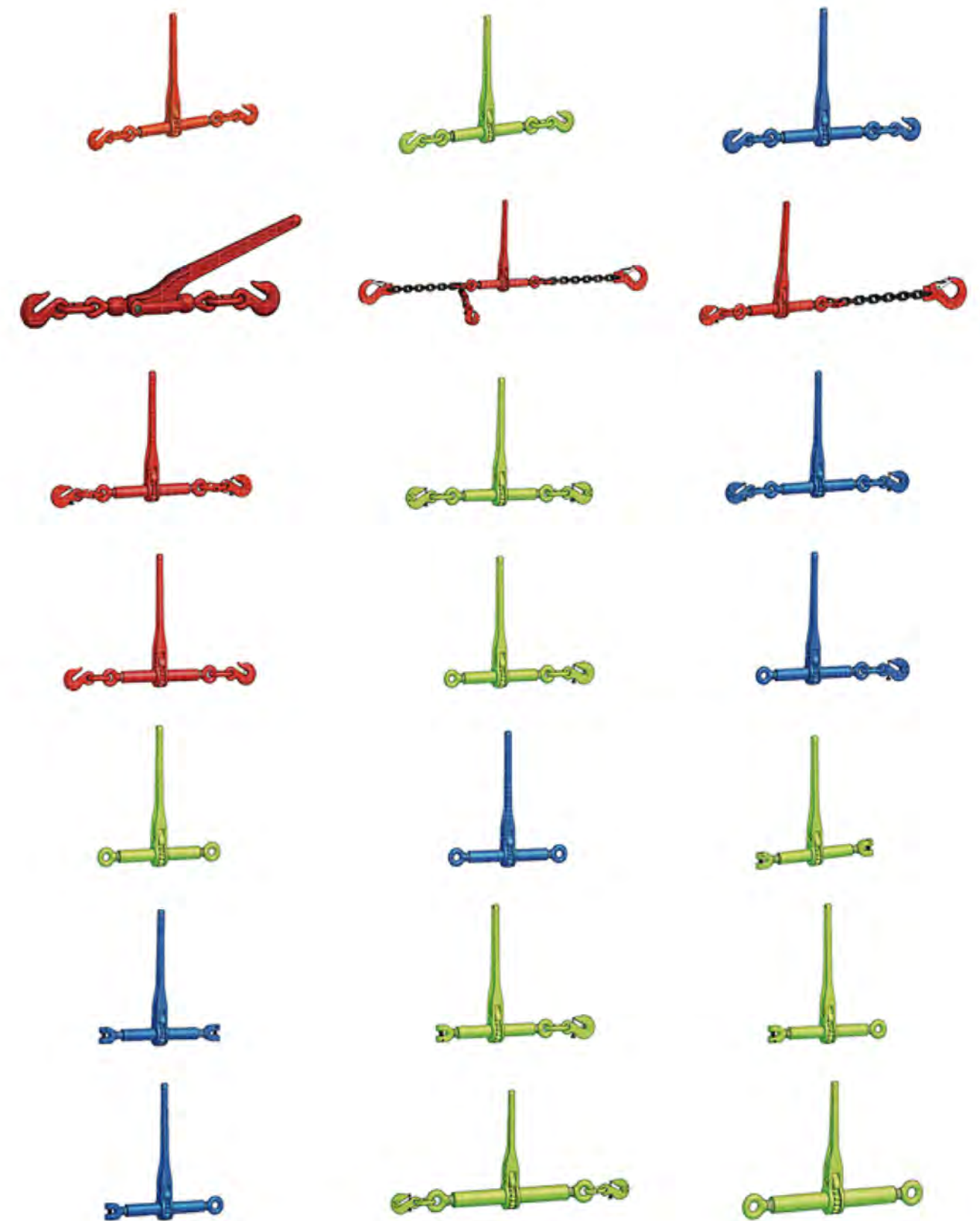
### US TYPE REMOVABLE HANDLE RATCHET LOAD BINDER

| ITEM NO.   | SIZE (IN) | WLL (LBS) | MBL (LBS) | WT (LBS) | DIMENSIONS (IN) |      |       |       |
|------------|-----------|-----------|-----------|----------|-----------------|------|-------|-------|
|            |           |           |           |          | L               | G    | E     | E1    |
| YXR1415-01 | 5/16-3/8  | 5400      | 19000     | 10.6     | 12.64           | 0.51 | 25.91 | 18.43 |

### OTHER LOAD BINDER



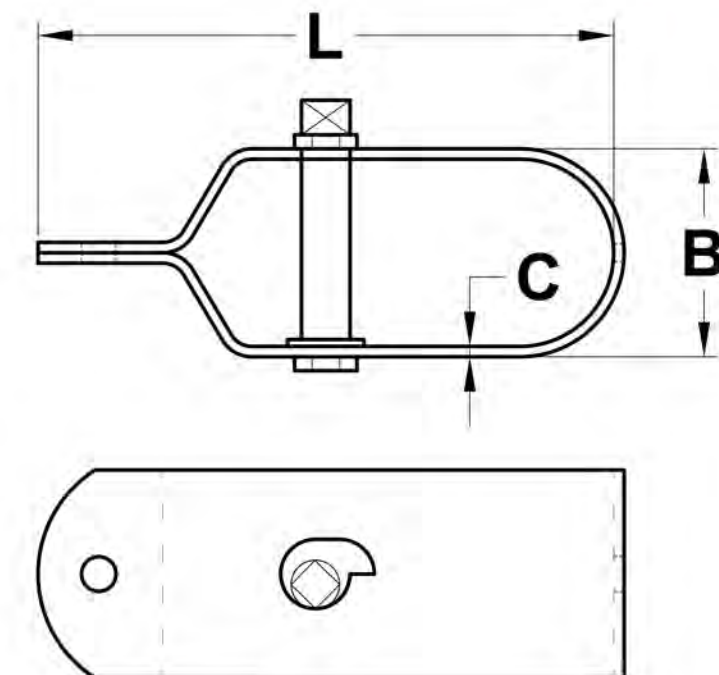
### OTHER LOAD BINDER



# STAMPING PARTS & WELDING PARTS



YXR1500

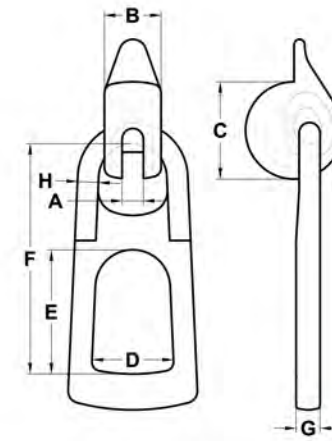
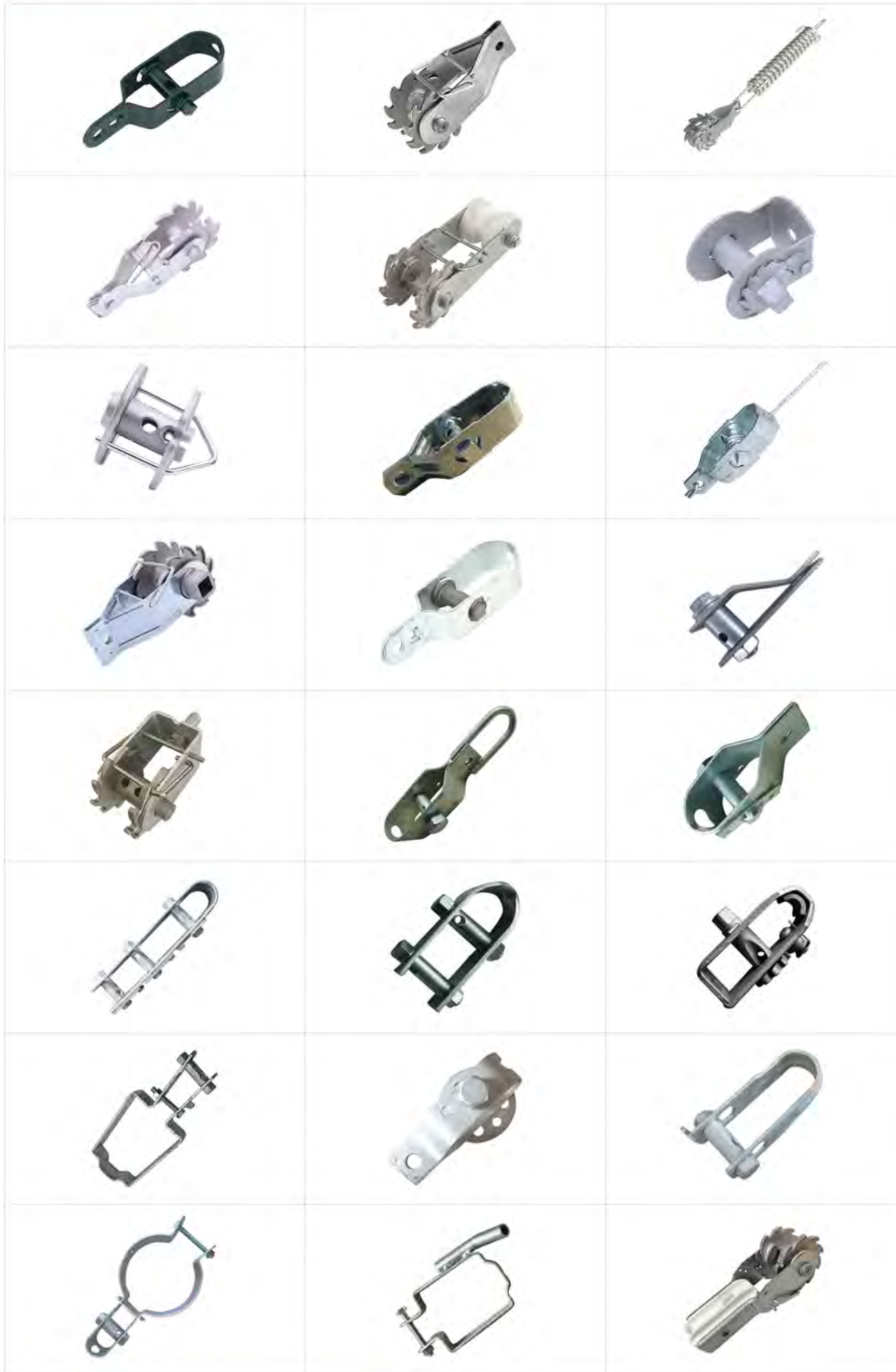


## WIRE TENSIONER

| ITEM NO.   | SIZE       | WT (G) | DIMENSIONS (MM) |     |     | FINISH           |
|------------|------------|--------|-----------------|-----|-----|------------------|
|            |            |        | B               | C   | L   |                  |
| YXR1500-01 | EG-80#     | 68     | 30              | 1.5 | 83  | Electric Galv.   |
| YXR1500-02 | HG-80#     | 68     | 30              | 1.5 | 83  | Hot Dipper Galv. |
| YXR1500-03 | PC-80#     | 68     | 30              | 1.5 | 83  | Powder Coating   |
| YXR1500-04 | EG-90#     | 75     | 30              | 1.5 | 92  | Electric Galv.   |
| YXR1500-05 | HG-90#     | 75     | 30              | 1.5 | 92  | Hot Dipper Galv. |
| YXR1500-06 | PC-90#     | 75     | 30              | 1.5 | 92  | Powder Coating   |
| YXR1500-07 | EG-HD-90#  | 93     | 31              | 2   | 92  | Electric Galv.   |
| YXR1500-08 | HG-HD-90#  | 93     | 31              | 2   | 92  | Hot Dipper Galv. |
| YXR1500-09 | PC-HD-90#  | 93     | 31              | 2   | 92  | Powder Coating   |
| YXR1500-10 | EG-WD-90#  | 85     | 30              | 1.5 | 92  | Electric Galv.   |
| YXR1500-11 | HG-WD-90#  | 85     | 30              | 1.5 | 92  | Hot Dipper Galv. |
| YXR1500-12 | PC-WD-90#  | 85     | 30              | 1.5 | 92  | Powder Coating   |
| YXR1500-13 | EG-100#    | 100    | 31              | 2   | 103 | Electric Galv.   |
| YXR1500-14 | HG-100#    | 100    | 31              | 2   | 103 | Hot Dipper Galv. |
| YXR1500-15 | PC-100#    | 100    | 31              | 2   | 103 | Powder Coating   |
| YXR1500-16 | EG-HD-100# | 120    | 34              | 2   | 102 | Electric Galv.   |
| YXR1500-17 | HG-HD-100# | 120    | 34              | 2   | 102 | Hot Dipper Galv. |
| YXR1500-18 | PC-HD-100# | 120    | 34              | 2   | 102 | Powder Coating   |
| YXR1500-19 | EG-110#    | 110    | 31              | 2   | 104 | Electric Galv.   |
| YXR1500-20 | HG-110#    | 110    | 31              | 2   | 104 | Hot Dipper Galv. |
| YXR1500-21 | PC-110#    | 110    | 31              | 2   | 104 | Powder Coating   |
| YXR1500-22 | EG-120#    | 180    | 44              | 2   | 122 | Electric Galv.   |
| YXR1500-23 | HG-120#    | 180    | 44              | 2   | 122 | Hot Dipper Galv. |
| YXR1500-24 | PC-120#    | 180    | 44              | 2   | 122 | Powder Coating   |
| YXR1500-25 | EG-FP-85#  | 75     | 33              | 1.5 | 85  | Electric Galv.   |
| YXR1500-26 | EG-FP-100# | 90     | 33              | 1.5 | 100 | Electric Galv.   |

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

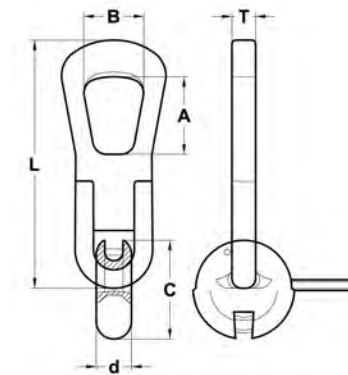
## WIRE TENSIONER



YXR1501

### LIFTING CLUTCH FOR CONCRTE LIFTING

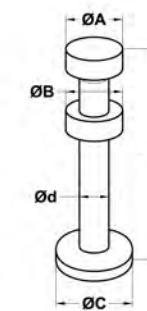
| ITEM NO.   | SIZE      | WT (KG) | DIMENSIONS (MM) |    |    |    |      |       |    |    |
|------------|-----------|---------|-----------------|----|----|----|------|-------|----|----|
|            |           |         | A               | B  | C  | D  | E    | F     | G  | H  |
| YXR1501-01 | 1T-1.3T   | 0.9     | 12              | 32 | 55 | 43 | 69.5 | 128.5 | 12 | 12 |
| YXR1501-02 | 1.5T-2.5T | 1.35    | 16              | 39 | 65 | 55 | 83   | 154   | 16 | 14 |



YXR1502

### LIFTING RING CLUTCH FOR CONCRTE LIFTING

| ITEM NO.   | SIZE (T) | LOAD GROUP (T) | DIMENSIONS (MM) |     |     |    |    |     |
|------------|----------|----------------|-----------------|-----|-----|----|----|-----|
|            |          |                | A               | B   | C   | D  | T  | L   |
| YXR1502-01 | 2.5      | 2.5            | 70              | 58  | 80  | 27 | 12 | 265 |
| YXR1502-02 | 5        | 5              | 86              | 65  | 105 | 36 | 16 | 330 |
| YXR1502-03 | 10       | 10             | 112             | 90  | 150 | 50 | 25 | 425 |
| YXR1502-04 | 26       | 26             | 160             | 120 | 206 | 72 | 30 | 605 |



YXR1503

### DOUBLE HEAD LIFTING FOOT ANCHOR

| ITEM NO.   | SIZE      | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |    |     |
|------------|-----------|----------------|-----------------|----|----|----|-----|
|            |           |                | A               | B  | C  | d  | L   |
| YXR1503-01 | 1.3 × 55  | 1.3            | 19              | 19 | 25 | 10 | 55  |
| YXR1503-02 | 1.3 × 85  | 1.3            | 19              | 19 | 25 | 10 | 85  |
| YXR1503-03 | 1.3 × 120 | 1.3            | 19              | 19 | 25 | 10 | 120 |
| YXR1503-04 | 2.5 × 85  | 2.5            | 26              | 26 | 35 | 14 | 85  |
| YXR1503-05 | 2.5 × 120 | 2.5            | 26              | 26 | 35 | 14 | 120 |
| YXR1503-06 | 2.5 × 170 | 2.5            | 26              | 26 | 35 | 14 | 170 |
| YXR1503-07 | 5 × 75    | 5              | 36              | 36 | 50 | 20 | 75  |
| YXR1503-08 | 5 × 120   | 5              | 36              | 36 | 50 | 20 | 120 |
| YXR1503-09 | 5 × 240   | 5              | 36              | 36 | 50 | 20 | 240 |

## SWIFT LIFTING FOOT ANCHOR



| ITEM NO.   | SIZE      | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |     |
|------------|-----------|----------------|-----------------|----|----|-----|
|            |           |                | A               | B  | d  | L   |
| YXR1504-01 | 1.3 × 55  | 1.3            | 19              | 25 | 10 | 55  |
| YXR1504-02 | 1.3 × 65  | 1.3            | 19              | 25 | 10 | 65  |
| YXR1504-03 | 1.3 × 85  | 1.3            | 19              | 25 | 10 | 85  |
| YXR1504-04 | 1.3 × 120 | 1.3            | 19              | 25 | 10 | 120 |
| YXR1504-05 | 2.5 × 55  | 2.5            | 26              | 35 | 14 | 55  |
| YXR1504-06 | 2.5 × 85  | 2.5            | 26              | 35 | 14 | 85  |
| YXR1504-07 | 2.5 × 120 | 2.5            | 26              | 35 | 14 | 120 |
| YXR1504-08 | 2.5 × 170 | 2.5            | 26              | 35 | 14 | 170 |
| YXR1504-09 | 5 × 75    | 5              | 36              | 50 | 20 | 75  |
| YXR1504-10 | 5 × 95    | 5              | 36              | 50 | 20 | 95  |
| YXR1504-11 | 5 × 120   | 5              | 36              | 50 | 20 | 120 |
| YXR1504-12 | 5 × 240   | 5              | 36              | 50 | 20 | 240 |
| YXR1504-13 | 7.5 × 120 | 7.5            | 46              | 60 | 24 | 120 |
| YXR1504-14 | 7.5 × 170 | 7.5            | 46              | 60 | 24 | 170 |
| YXR1504-15 | 10 × 120  | 10             | 46              | 70 | 28 | 120 |
| YXR1504-16 | 10 × 170  | 10             | 46              | 70 | 28 | 170 |
| YXR1504-17 | 13 × 300  | 13             | 69              | 85 | 34 | 300 |
| YXR1504-18 | 20 × 300  | 20             | 70              | 98 | 39 | 300 |

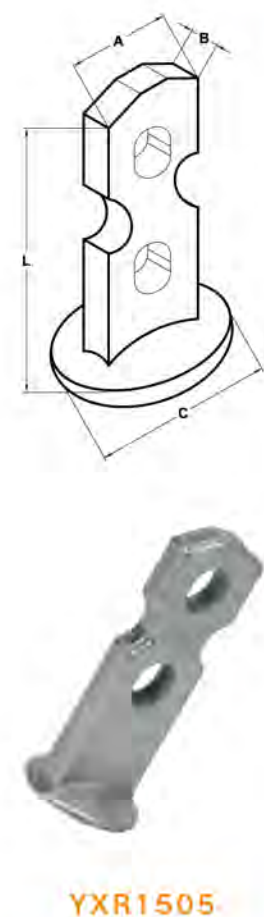


## SPREAD ANCHOR

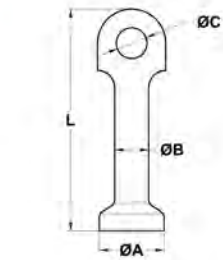
| ITEM NO.   | FINISH* | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |    |     |
|------------|---------|----------------|-----------------|----|----|----|-----|
|            |         |                | A               | B  | C  | D  | L   |
| YXR1506-01 | 0.7×11  | 2.5            | 20              | 14 | 30 | 5  | 110 |
| YXR1506-02 | 1.4×11  | 2.5            | 20              | 14 | 30 | 6  | 110 |
| YXR1506-03 | 1.4×16  | 2.5            | 20              | 14 | 30 | 6  | 160 |
| YXR1506-04 | 2×13    | 2.5            | 20              | 14 | 30 | 8  | 130 |
| YXR1506-05 | 2×16    | 2.5            | 20              | 14 | 30 | 8  | 160 |
| YXR1506-06 | 2×21    | 2.5            | 20              | 14 | 30 | 8  | 210 |
| YXR1506-07 | 2.5×15  | 2.5            | 20              | 14 | 30 | 10 | 150 |
| YXR1506-08 | 2.5×20  | 2.5            | 20              | 14 | 30 | 10 | 200 |
| YXR1506-09 | 2.5×25  | 2.5            | 20              | 14 | 30 | 10 | 250 |
| YXR1506-10 | 3×16    | 5              | 22              | 18 | 40 | 10 | 160 |
| YXR1506-11 | 3×20    | 5              | 22              | 18 | 40 | 10 | 200 |
| YXR1506-12 | 3×28    | 5              | 22              | 18 | 40 | 10 | 280 |
| YXR1506-13 | 4×18    | 5              | 22              | 18 | 40 | 12 | 180 |
| YXR1506-14 | 4×24    | 5              | 22              | 18 | 40 | 12 | 240 |
| YXR1506-15 | 4×32    | 5              | 22              | 18 | 40 | 12 | 320 |
| YXR1506-16 | 5×18    | 5              | 22              | 18 | 40 | 15 | 180 |
| YXR1506-17 | 5×24    | 5              | 22              | 18 | 40 | 15 | 240 |
| YXR1506-18 | 5×40    | 5              | 22              | 18 | 40 | 15 | 400 |
| YXR1506-19 | 6×22    | 10             | 31              | 26 | 60 | 12 | 220 |
| YXR1506-20 | 6×26    | 10             | 31              | 26 | 60 | 12 | 260 |
| YXR1506-21 | 6×34    | 10             | 31              | 26 | 60 | 12 | 340 |
| YXR1506-22 | 7.5×26  | 10             | 31              | 26 | 60 | 16 | 260 |
| YXR1506-23 | 7.5×30  | 10             | 31              | 26 | 60 | 16 | 300 |
| YXR1506-24 | 7.5×34  | 10             | 31              | 26 | 60 | 16 | 420 |
| YXR1506-25 | 10×30   | 10             | 31              | 26 | 60 | 20 | 300 |
| YXR1506-26 | 10×37   | 10             | 31              | 26 | 60 | 20 | 370 |
| YXR1506-27 | 10×52   | 10             | 31              | 26 | 60 | 20 | 520 |
| YXR1506-28 | 10×37   | 26             | 45              | 35 | 80 | 20 | 370 |
| YXR1506-29 | 12×46   | 26             | 45              | 35 | 80 | 20 | 460 |
| YXR1506-30 | 22×50   | 26             | 45              | 35 | 80 | 26 | 500 |
| YXR1506-31 | 22×62   | 26             | 45              | 35 | 80 | 26 | 620 |

\* F11111111 Designation Mill Finish.

## DROP FORGED FOOT ANCHOR



| ITEM NO.   | ANCHOR TONNAGE (T) | SWL TENSION (LBS) | CLUTCH ID | DIMENSIONS (IN) |         |     |       |
|------------|--------------------|-------------------|-----------|-----------------|---------|-----|-------|
|            |                    |                   |           | L               | A       | B   | C     |
| YXR1505-01 | 2.5                | 3900              | 2-2.5T    | 3-1/2           | 1-5/16  | 3/8 | 1-1/2 |
| YXR1505-02 | 2.5                | 4400              | 2-2.5T    | 4               | 1-5/16  | 3/8 | 1-1/2 |
| YXR1505-03 | 2.5                | 4400              | 2-2.5T    | 4-1/2           | 1-5/16  | 3/8 | 1-1/2 |
| YXR1505-04 | 2.5                | 4500              | 2-2.5T    | 5-1/2           | 1-5/16  | 3/8 | 1-1/2 |
| YXR1505-05 | 2.5                | 5500              | 2-2.5T    | 6-3/4           | 1-5/16  | 3/8 | 1-1/2 |
| YXR1505-06 | 5                  | 4400              | 4-5T      | 3-1/2           | 1-13/16 | 5/8 | 2-1/4 |
| YXR1505-07 | 5                  | 6200              | 4-5T      | 4-1/2           | 1-13/16 | 5/8 | 2-1/4 |
| YXR1505-08 | 5                  | 6200              | 4-5T      | 4-3/4           | 1-13/16 | 5/8 | 2-1/4 |
| YXR1505-09 | 5                  | 8800              | 4-5T      | 5-1/2           | 1-13/16 | 5/8 | 2-1/4 |
| YXR1505-10 | 5                  | 11000             | 4-5T      | 9-1/2           | 1-13/16 | 5/8 | 2-1/4 |
| YXR1505-11 | 10                 | 6200              | 8-10T     | 4-3/4           | 2-5/8   | 3/4 | 2-7/8 |
| YXR1505-12 | 10                 | 8500              | 8-10T     | 5-1/2           | 2-5/8   | 3/4 | 2-7/8 |
| YXR1505-13 | 10                 | 12500             | 8-10T     | 7               | 2-5/8   | 3/4 | 2-7/8 |
| YXR1505-14 | 10                 | 22000             | 8-10T     | 10              | 2-5/8   | 3/4 | 2-7/8 |

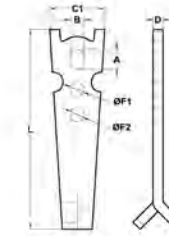


### LIFTING EYE ANCHOR

| ITEM NO.   | SIZE      | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |     |
|------------|-----------|----------------|-----------------|----|----|-----|
|            |           |                | A               | B  | C  | L   |
| YXR1507-01 | 1.3 × 55  | 1.3            | 19              | 10 | 9  | 55  |
| YXR1507-02 | 2.5 × 90  | 2.5            | 26              | 14 | 13 | 90  |
| YXR1507-03 | 2.5 × 120 | 2.5            | 26              | 14 | 13 | 120 |
| YXR1507-04 | 5 × 90    | 5              | 36              | 20 | 18 | 90  |
| YXR1507-05 | 5 × 120   | 5              | 36              | 20 | 18 | 120 |
| YXR1507-06 | 10 × 115  | 10             | 47              | 28 | 25 | 115 |
| YXR1507-07 | 10 × 180  | 10             | 47              | 28 | 25 | 180 |
| YXR1507-08 | 20 × 250  | 20             | 70              | 39 | 37 | 250 |
| YXR1507-09 | 32 × 300  | 32             | 88              | 50 | 47 | 300 |



YXR1507



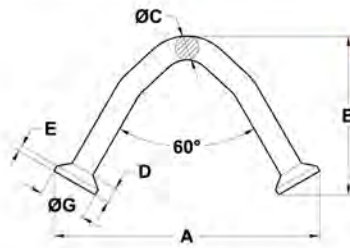
### ERECTION ANCHOR

| ITEM NO.   | FINISH* | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |    |    |    |     |
|------------|---------|----------------|-----------------|----|----|----|----|----|-----|
|            |         |                | A               | B  | C1 | D  | F1 | F2 | L   |
| YXR1510-01 | 1.4×20  | 2.5            | 20              | 14 | 55 | 6  | 15 | 15 | 200 |
| YXR1510-02 | 2.5×23  | 2.5            | 20              | 14 | 55 | 10 | 15 | 15 | 230 |
| YXR1510-03 | 4×27    | 5              | 22              | 18 | 70 | 12 | 18 | 18 | 270 |
| YXR1510-04 | 5×29    | 5              | 22              | 18 | 70 | 15 | 18 | 18 | 290 |
| YXR1510-05 | 7.5×32  | 10             | 31              | 26 | 95 | 15 | 25 | 25 | 320 |
| YXR1510-06 | 10×39   | 10             | 31              | 26 | 95 | 20 | 25 | 25 | 390 |

\* FINISH\*: Designation Mill Finish.



YXR1510

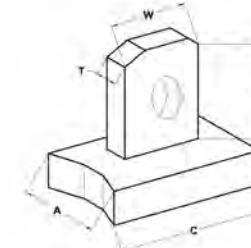


### UTILITY ANCHOR

| ITEM NO.   | SIZE (T) | WLL (T) | DIMENSIONS (MM) |     |    |    |   |    |
|------------|----------|---------|-----------------|-----|----|----|---|----|
|            |          |         | A               | B   | C  | D  | E | G  |
| YXR1508-01 | 0.8      | 0.8     | 134             | 80  | 12 | 8  | 3 | 24 |
| YXR1508-02 | 1.8      | 1.8     | 152             | 95  | 12 | 8  | 3 | 24 |
| YXR1508-03 | 2        | 2       | 181             | 120 | 12 | 8  | 3 | 24 |
| YXR1508-04 | 3.5      | 3.5     | 173             | 95  | 17 | 11 | 3 | 41 |
| YXR1508-05 | 5        | 5       | 188             | 120 | 17 | 11 | 3 | 41 |
| YXR1508-06 | 7.5      | 7.5     | 254             | 170 | 17 | 11 | 3 | 41 |



YXR1508

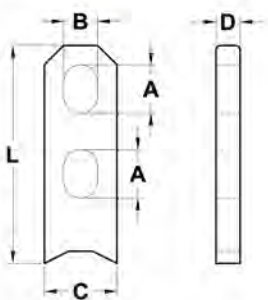


### REINFORCED PLATE ANCHOR

| ITEM NO.   | SIZE (T) | SWL (KG) | DIMENSIONS (MM) |    |    |    |     |
|------------|----------|----------|-----------------|----|----|----|-----|
|            |          |          | A               | C  | W  | T  | L   |
| YXR1511-01 | 2.5T     | 1814     | 95              | 32 | 32 | 10 | 57  |
| YXR1511-02 | 5T       | 3628     | 76              | 38 | 38 | 13 | 76  |
| YXR1511-03 | 5T       | 3628     | 76              | 38 | 38 | 13 | 89  |
| YXR1511-04 | 5T       | 3628     | 98              | 38 | 38 | 16 | 111 |
| YXR1511-05 | 10T      | 4535     | 32              | 64 | 60 | 20 | 181 |



YXR1511



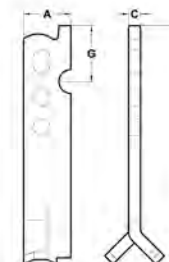
### TWO HOLE ANCHOR

| ITEM NO.   | FINISH* | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |    |     |
|------------|---------|----------------|-----------------|----|----|----|-----|
|            |         |                | A               | B  | C  | D  | L   |
| YXR1509-01 | 1.4×9   | 2.5            | 20              | 14 | 30 | 5  | 90  |
| YXR1509-02 | 2×9     | 2.5            | 20              | 14 | 30 | 6  | 90  |
| YXR1509-03 | 2.5×9   | 2.5            | 20              | 14 | 30 | 8  | 90  |
| YXR1509-04 | 3×9     | 2.5            | 20              | 14 | 30 | 10 | 90  |
| YXR1509-05 | 3×12    | 5              | 22              | 18 | 40 | 10 | 120 |
| YXR1509-06 | 4×12    | 5              | 22              | 18 | 40 | 12 | 120 |
| YXR1509-07 | 5×12    | 5              | 22              | 18 | 40 | 15 | 120 |
| YXR1509-08 | 6×16    | 10             | 31              | 26 | 60 | 12 | 160 |
| YXR1509-09 | 7.5×16  | 10             | 31              | 26 | 60 | 16 | 160 |
| YXR1509-10 | 10×16   | 10             | 31              | 26 | 60 | 20 | 160 |
| YXR1509-11 | 14×24   | 26             | 45              | 35 | 80 | 20 | 240 |

\* FINISH\*: Designation Mill Finish.



YXR1509



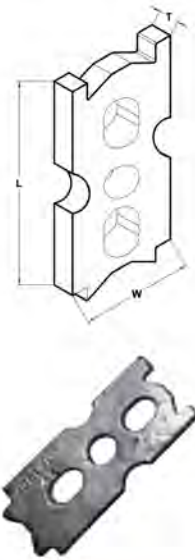
### UNILATERAL ERECTION ANCHOR

| ITEM NO.   | FINISH* | LOAD GROUP (T) | DIMENSIONS (MM) |    |     |      |
|------------|---------|----------------|-----------------|----|-----|------|
|            |         |                | A               | C  | L   | G    |
| YXR1512-01 | 1.4×20  | 2.5            | 40              | 6  | 200 | 42.2 |
| YXR1512-02 | 2.5×23  | 2.5            | 40              | 10 | 230 | 42.5 |
| YXR1512-03 | 4×27    | 5              | 55              | 12 | 270 | 50.5 |
| YXR1512-04 | 5×29    | 5              | 55              | 15 | 290 | 50.5 |
| YXR1512-05 | 7.5×32  | 10             | 80              | 15 | 320 | 78   |
| YXR1512-06 | 10×39   | 10             | 80              | 20 | 390 | 78   |
| YXR1512-07 | 12.5×50 | 26             | 115             | 20 | 500 | 88.5 |
| YXR1512-08 | 17×50   | 26             | 115             | 25 | 500 | 88.5 |
| YXR1512-09 | 22×50   | 26             | 115             | 30 | 500 | 88.5 |

\* FINISH\*: Designation Mill Finish.



YXR1512



YXR1513

### TWO HOLE ERECTION ANCHOR

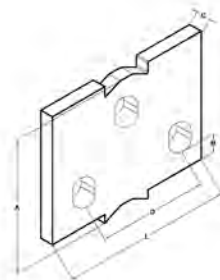
| ITEM NO.   | SIZE (T) | SWL (LBS) | CLUTCH ID | DIMENSIONS (IN) |       |     |
|------------|----------|-----------|-----------|-----------------|-------|-----|
|            |          |           |           | L               | W     | T   |
| YXR1513-01 | 2        | 4000      | 2-2.5T    | 4               | 2     | 3/8 |
| YXR1513-02 | 2.5      | 5000      | 2-2.5T    | 4               | 2     | 3/8 |
| YXR1513-03 | 4        | 8000      | 4-5T      | 7               | 2-1/2 | 5/8 |
| YXR1513-04 | 5        | 10000     | 4-5T      | 7               | 2-1/2 | 5/8 |
| YXR1513-05 | 8        | 16000     | 8-10T     | 7               | 3-1/2 | 3/4 |
| YXR1513-06 | 8        | 16000     | 8-10T     | 13-1/2          | 3-1/2 | 3/4 |
| YXR1513-07 | 10       | 20000     | 8-10T     | 7               | 3-1/2 | 3/4 |
| YXR1513-08 | 10       | 20000     | 8-10T     | 13-1/2          | 3-1/2 | 3/4 |



YXR1516

### FOOT ERECTION ANCHOR

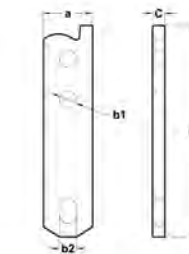
| ITEM NO.   | ANCHOR TONNAGE (T) | S.W.L TENSION (LBS) | CLUTCH ID | DIMENSIONS (IN) |        |     |
|------------|--------------------|---------------------|-----------|-----------------|--------|-----|
|            |                    |                     |           | W               | L      | T   |
| YXR1516-01 | 2T                 | 4000                | 2-2.5T    | 2               | 2      | 3/8 |
| YXR1516-02 | 4T                 | 8000                | 4-5T      | 2-1/2           | 9-1/2  | 5/8 |
| YXR1516-03 | 8T                 | 16000               | 8-10T     | 3-1/2           | 13-1/2 | 3/4 |



YXR1514

### SANDWICH PANEL ERECTION ANCHOR

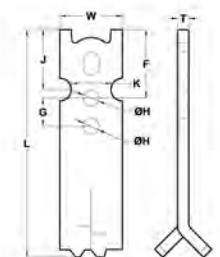
| ITEM NO.   | SIZE (T) | WT (LBS) | CLUTCH ID | DIMENSIONS (IN) |         |     |       |   |
|------------|----------|----------|-----------|-----------------|---------|-----|-------|---|
|            |          |          |           | A               | B       | C   | D     | L |
| YXR1514-01 | 4        | 3.1      | 4-5T      | 3-1/2           | 1-3/8   | 5/8 | 3-3/4 | 6 |
| YXR1514-02 | 5        | 3.2      | 4-5T      | 3-1/2           | 1-3/8   | 5/8 | 3-3/4 | 6 |
| YXR1514-03 | 8        | 5.25     | 8-10T     | 4-3/4           | 2-29/32 | 3/4 | 4     | 6 |
| YXR1514-04 | 10       | 6.25     | 8-10T     | 4-3/4           | 2-29/32 | 3/4 | 4     | 6 |



YXR1517

### SANDWICH PANEL ANCHOR

| ITEM NO.   | FINISH* | LOAD GROUP (T) | DIMENSIONS (MM) |      |    |    |     |
|------------|---------|----------------|-----------------|------|----|----|-----|
|            |         |                | A               | B1   | B2 | C  | L   |
| YXR1517-01 | 2.5x25  | 2.5            | 40              | 14   | 18 | 10 | 250 |
| YXR1517-02 | 5x30    | 5              | 60              | 17.5 | 26 | 16 | 300 |
| YXR1517-03 | 7.5x30  | 10             | 80              | 25   | 35 | 16 | 350 |
| YXR1517-04 | 10x35   | 10             | 80              | 25   | 35 | 20 | 350 |
| YXR1517-05 | 17x40   | 26             | 100             | 30   | 35 | 20 | 400 |



YXR1515

### ERECTION ANCHOR

| ITEM NO.   | SIZE | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |    |    |    |    |     |
|------------|------|----------------|-----------------|----|----|----|----|----|----|-----|
|            |      |                | L               | W  | T  | J  | K  | H  | G  | F   |
| YXR1515-01 | 2.5  | 2.5            | 203             | 50 | 10 | 46 | 35 | 14 | 29 | 57  |
| YXR1515-02 | 5    | 5              | 267             | 64 | 16 | 64 | 46 | 46 | 32 | 81  |
| YXR1515-03 | 7.5  | 10             | 325             | 95 | 16 | 62 | 62 | 62 | 44 | 102 |
| YXR1515-04 | 10   | 10             | 325             | 95 | 20 | 81 | 65 | 65 | 44 | 102 |



YXR1518

### FIXING SOCKETS WITH CROSS HOLE

| ITEM NO.   | SIZE    | LOAD GROUP (KG) | DIMENSIONS (MM) |     |    |    |      |
|------------|---------|-----------------|-----------------|-----|----|----|------|
|            |         |                 | M               | L   | E  | A  | G    |
| YXR1518-01 | M6x35   | 300             | 6               | 35  | 6  | 17 | 6.2  |
| YXR1518-02 | M8x40   | 360             | 8               | 40  | 8  | 20 | 6.2  |
| YXR1518-03 | M10x45  | 400             | 10              | 45  | 10 | 20 | 6.2  |
| YXR1518-04 | M10x60  | 400             | 10              | 60  | 10 | 24 | 6.2  |
| YXR1518-05 | M12x55  | 600             | 12              | 55  | 12 | 25 | 10.2 |
| YXR1518-06 | M12x65  | 600             | 12              | 65  | 12 | 25 | 10.2 |
| YXR1518-07 | M16x70  | 950             | 16              | 70  | 16 | 25 | 10.2 |
| YXR1518-08 | M16x80  | 950             | 16              | 80  | 16 | 25 | 10.2 |
| YXR1518-09 | M16x100 | 1100            | 16              | 100 | 16 | 32 | 10.2 |
| YXR1518-10 | M16x120 | 1100            | 16              | 120 | 16 | 32 | 10.2 |
| YXR1518-11 | M20x100 | 1700            | 20              | 100 | 20 | 40 | 13.2 |
| YXR1518-12 | M20x120 | 1700            | 20              | 120 | 20 | 40 | 13.2 |
| YXR1518-13 | M24x120 | 2000            | 24              | 120 | 24 | 50 | 13.2 |
| YXR1518-14 | M30x150 | 2400            | 30              | 150 | 30 | 70 | 13.2 |



YXR1519

### FIXING SOCKETS DOWEL WITH HOLE

| ITEM NO.   | SIZE    | LOAD GROUP (KG) | DIMENSIONS (MM) |      |     |    |      |
|------------|---------|-----------------|-----------------|------|-----|----|------|
|            |         |                 | D               | D    | L   | E  | C    |
| YXR1519-01 | M12×50  | 350             | 12              | 15   | 50  | 22 | 10.3 |
| YXR1519-02 | M12×60  | 500             | 12              | 15   | 60  | 22 | 10.3 |
| YXR1519-03 | M16×80  | 1200            | 16              | 21   | 80  | 27 | 13.3 |
| YXR1519-04 | M20×100 | 2000            | 20              | 27.2 | 100 | 35 | 15.3 |
| YXR1519-05 | M24×110 | 2500            | 24              | 31   | 110 | 35 | 17.3 |
| YXR1519-06 | M30×135 | 4000            | 30              | 39.5 | 135 | 50 | 22.5 |



YXR1522

### FIXING SOCKETS WITH BENDED END WITH NAILING PLATE

| ITEM NO.   | SIZE    | SWL (KG) | DIMENSIONS (MM) |    |    |    |     |    |
|------------|---------|----------|-----------------|----|----|----|-----|----|
|            |         |          | D               | D  | D1 | E  | L   | A  |
| YXR1522-01 | M10×60  | 600      | 10              | 13 | 34 | 10 | 60  | 25 |
| YXR1522-02 | M12×70  | 800      | 12              | 16 | 40 | 12 | 70  | 30 |
| YXR1522-03 | M16×100 | 1300     | 16              | 22 | 44 | 16 | 100 | 35 |
| YXR1522-04 | M20×100 | 1600     | 20              | 27 | 48 | 20 | 100 | 35 |



YXR1520

### FIXING SOCKETS WITH BENDED END

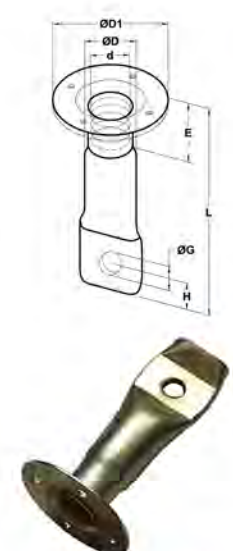
| ITEM NO.    | SIZE    | SWL (KG) | DIMENSIONS (MM) |    |     |    |    |
|-------------|---------|----------|-----------------|----|-----|----|----|
|             |         |          | D               | D  | L   | E  | A  |
| YXR15200-01 | M8×50   | 300      | 8               | 11 | 50  | 8  | 20 |
| YXR15200-02 | M10×60  | 600      | 10              | 13 | 60  | 10 | 25 |
| YXR15200-03 | M12×45  | 400      | 12              | 16 | 45  | 12 | 25 |
| YXR15200-04 | M12×70  | 800      | 12              | 16 | 70  | 12 | 30 |
| YXR15200-05 | M16×60  | 800      | 16              | 22 | 60  | 16 | 30 |
| YXR15200-06 | M16×100 | 1300     | 16              | 22 | 100 | 16 | 35 |
| YXR15200-07 | M20×70  | 1200     | 20              | 27 | 70  | 20 | 30 |
| YXR15200-08 | M20×100 | 1600     | 20              | 27 | 100 | 20 | 35 |
| YXR15200-09 | M24×80  | 1600     | 24              | 32 | 80  | 24 | 35 |



YXR1523

### CAST-IN SOCKET WITH CRIMPED END

| ITEM NO.   | SIZE    | SWL (KG) | DIMENSIONS (MM) |    |    |     |     |    |    |
|------------|---------|----------|-----------------|----|----|-----|-----|----|----|
|            |         |          | D               | D  | E  | L   | G   | H  | F  |
| YXR1523-01 | M8×40   | 250      | 8               | 11 | 8  | 40  | 7   | 8  | 16 |
| YXR1523-02 | M8×50   | 250      | 8               | 11 | 8  | 50  | 7   | 8  | 16 |
| YXR1523-03 | M10×50  | 350      | 10              | 13 | 10 | 50  | 6.2 | 11 | 19 |
| YXR1523-04 | M12×60  | 500      | 12              | 16 | 12 | 60  | 9.2 | 13 | 23 |
| YXR1523-05 | M16×80  | 800      | 16              | 22 | 16 | 80  | 12  | 20 | 31 |
| YXR1523-06 | M16×100 | 1000     | 16              | 22 | 16 | 100 | 9.2 | 20 | 31 |
| YXR1523-07 | M20×100 | 1250     | 20              | 27 | 20 | 100 | 14  | 23 | 39 |
| YXR1523-08 | M24×100 | 1800     | 24              | 32 | 24 | 120 | 14  | 28 | 45 |



YXR1521

### FIXING SOCKETS WITH HOLE AND NAILING PLATE

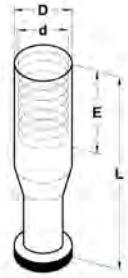
| ITEM NO.   | SIZE    | SWL (KG) | DIMENSIONS (MM) |    |    |    |     |      |    |
|------------|---------|----------|-----------------|----|----|----|-----|------|----|
|            |         |          | D               | D  | D1 | E  | L   | G    | H  |
| YXR1521-01 | M10×50  | 350      | 10              | 13 | 34 | 10 | 50  | 6.2  | 12 |
| YXR1521-02 | M12×70  | 500      | 12              | 16 | 40 | 12 | 70  | 7.2  | 17 |
| YXR1521-03 | M16×80  | 800      | 16              | 22 | 44 | 16 | 80  | 12.2 | 22 |
| YXR1521-04 | M16×100 | 1000     | 16              | 22 | 44 | 16 | 100 | 9.2  | 22 |
| YXR1521-05 | M20×100 | 1250     | 20              | 27 | 48 | 20 | 100 | 12.2 | 22 |
| YXR1521-06 | M24×120 | 1800     | 24              | 32 | 57 | 24 | 120 | 14.2 | 25 |



YXR1524

### LIFTING ROUND THREAD SOCKET SOCKET PLATED

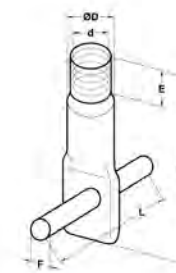
| ITEM NO.   | SIZE    | SWL (KG) | DIMENSIONS (MM) |      |      |    |     |
|------------|---------|----------|-----------------|------|------|----|-----|
|            |         |          | d               | D    | C    | E  | L   |
| YXR1524-01 | M12×40  | 500      | M12×1.75        | 15   | 8    | 20 | 40  |
| YXR1524-02 | M14×47  | 800      | M14×2           | 18   | 11   | 25 | 47  |
| YXR1524-03 | M16×55  | 1200     | M16×2           | 21   | 13   | 27 | 55  |
| YXR1524-04 | M18×65  | 1600     | M18×2.5         | 24   | 13   | 34 | 65  |
| YXR1524-05 | M20×67  | 2000     | M20×2.5         | 27.2 | 15.5 | 35 | 67  |
| YXR1524-06 | M24×77  | 2500     | M24×3           | 31   | 18   | 43 | 77  |
| YXR1524-07 | M30×105 | 4000     | M30×3.5         | 39.5 | 22.5 | 56 | 105 |
| YXR1524-08 | M35×125 | 6300     | M35×4           | 47   | 27   | 68 | 125 |
| YXR1524-09 | M42×145 | 8000     | M42×4.5         | 54   | 32   | 80 | 145 |
| YXR1524-10 | M52×195 | 12500    | M52×5           | 67.2 | 40   | 97 | 195 |



YXR1525

### CROWN FOOT ANCHOR

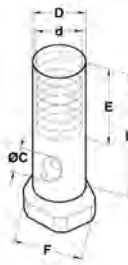
| ITEM NO.   | ITEM CODE | SWL (KG) | DIMENSIONS (MM) |    |    |     |
|------------|-----------|----------|-----------------|----|----|-----|
|            |           |          | D               | D  | E  | L   |
| YXR1525-01 | M12×60    | 500      | M12×1.75        | 17 | 24 | 60  |
| YXR1525-02 | M14×70    | 800      | M14×2           | 19 | 28 | 70  |
| YXR1525-03 | M16×80    | 1200     | M16×2           | 21 | 32 | 80  |
| YXR1525-04 | M18×90    | 1600     | M18×2.5         | 24 | 36 | 90  |
| YXR1525-05 | M20×100   | 2000     | M20×2.5         | 27 | 40 | 100 |
| YXR1525-06 | M24×115   | 2500     | M24×3           | 31 | 48 | 115 |
| YXR1525-07 | M30×150   | 4000     | M30×3.5         | 40 | 60 | 150 |



YXR1528

### FIXING SOCKETS WITH CROSS PIN

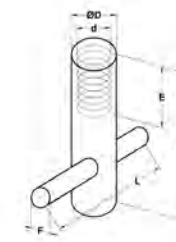
| ITEM NO.   | SIZE    | WLL (KN) | DIMENSIONS (MM) |      |    |     |    |     |
|------------|---------|----------|-----------------|------|----|-----|----|-----|
|            |         |          | d               | D    | E  | H   | F  | L   |
| YXR1528-01 | M12×60  | 5        | 12              | 17   | 13 | 60  | 10 | 50  |
| YXR1528-02 | M16×80  | 8        | 16              | 22.5 | 17 | 80  | 12 | 50  |
| YXR1528-03 | M16×100 | 10       | 16              | 22.5 | 17 | 100 | 12 | 50  |
| YXR1528-04 | M20×95  | 12       | 20              | 27   | 20 | 95  | 14 | 85  |
| YXR1528-05 | M20×115 | 13       | 20              | 27   | 20 | 115 | 14 | 85  |
| YXR1528-06 | M24×120 | 18       | 24              | 32   | 24 | 120 | 14 | 85  |
| YXR1528-07 | M30×150 | 27.5     | 30              | 40   | 30 | 150 | 16 | 100 |



YXR1526

### ELEPHANT FOOT FERRULE

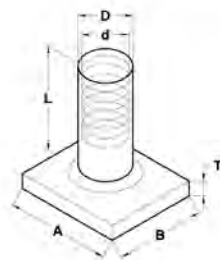
| ITEM NO.   | SIZE    | SWL (KG) | DIMENSIONS (MM) |    |    |    |    |     |
|------------|---------|----------|-----------------|----|----|----|----|-----|
|            |         |          | d               | D  | C  | E  | F  | L   |
| YXR1526-01 | M10×45  | 400      | 10              | 15 | 8  | 18 | 17 | 45  |
| YXR1526-02 | M12×75  | 500      | 12              | 17 | 8  | 22 | 21 | 75  |
| YXR1526-03 | M16×95  | 1200     | 16              | 22 | 10 | 25 | 24 | 95  |
| YXR1526-04 | M20×95  | 2000     | 20              | 28 | 10 | 27 | 26 | 95  |
| YXR1526-05 | M24×95  | 2500     | 24              | 32 | 12 | 34 | 33 | 95  |
| YXR1526-06 | M30×125 | 3000     | 30              | 40 | 12 | 35 | 34 | 125 |



YXR1529

### FIXING SOCKETS WITH CROSS BAR

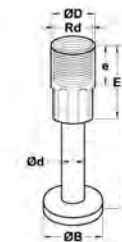
| ITEM NO.   | SIZE    | WLL (KG) | DIMENSIONS (MM) |    |    |     |       |     |
|------------|---------|----------|-----------------|----|----|-----|-------|-----|
|            |         |          | d               | D  | E  | H   | F     | L   |
| YXR1529-01 | M10×42  | 600      | 10              | 16 | 22 | 42  | 6/8   | 50  |
| YXR1529-02 | M12×50  | 900      | 12              | 18 | 20 | 50  | 10    | 75  |
| YXR1529-03 | M12×75  | 900      | 12              | 18 | 40 | 75  | 10    | 75  |
| YXR1529-04 | M16×75  | 1700     | 16              | 23 | 40 | 75  | 10/12 | 75  |
| YXR1529-05 | M20×75  | 2300     | 20              | 28 | 35 | 75  | 12/14 | 90  |
| YXR1529-06 | M24×100 | 3000     | 24              | 32 | 55 | 100 | 16    | 100 |



YXR1527

### FLAT PLATE SOCKET

| ITEM NO.   | SIZE    | SWL (KG) | DIMENSIONS (MM) |    |     |     |    |     |
|------------|---------|----------|-----------------|----|-----|-----|----|-----|
|            |         |          | d               | D  | A   | B   | T  | L   |
| YXR1527-01 | M12×30  | 500      | M12×1.75        | 15 | 25  | 35  | 4  | 30  |
| YXR1527-02 | M14×33  | 800      | M14×2           | 18 | 35  | 35  | 4  | 33  |
| YXR1527-03 | M16×35  | 1200     | M16×2           | 21 | 35  | 50  | 4  | 35  |
| YXR1527-04 | M18×44  | 1600     | M18×2.5         | 24 | 45  | 60  | 5  | 44  |
| YXR1527-05 | M20×47  | 2000     | M20×2.5         | 27 | 60  | 60  | 5  | 47  |
| YXR1527-06 | M24×54  | 2500     | M24×3           | 31 | 60  | 80  | 5  | 54  |
| YXR1527-07 | M30×72  | 4000     | M30×3.5         | 40 | 80  | 100 | 6  | 72  |
| YXR1527-08 | M36×47  | 6300     | M36×4           | 47 | 100 | 130 | 6  | 84  |
| YXR1527-09 | M42×54  | 8000     | M42×4.5         | 54 | 130 | 130 | 8  | 98  |
| YXR1527-10 | M52×117 | 12500    | M52×5           | 67 | 130 | 150 | 10 | 117 |



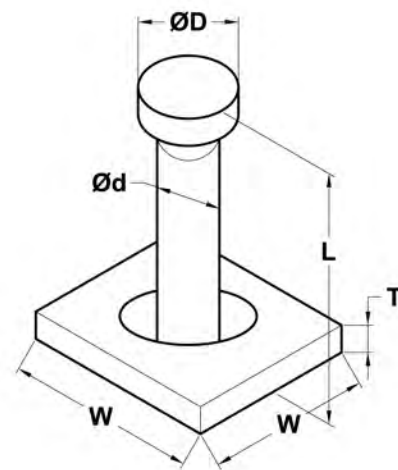
YXR1530

### COMPACT ANCHOR

| ITEM NO.   | SIZE    | WLL (KG) | DIMENSIONS (MM) |    |    |    |     |    |
|------------|---------|----------|-----------------|----|----|----|-----|----|
|            |         |          | d               | D  | Rd | e  | E   | B  |
| YXR1530-01 | M12×100 | 500      | 8               | 17 | 12 | 22 | 43  | 20 |
| YXR1530-02 | M14×155 | 800      | 10              | 18 | 14 | 25 | 45  | 25 |
| YXR1530-03 | M16×175 | 1200     | 10              | 21 | 16 | 27 | 60  | 25 |
| YXR1530-04 | M18×225 | 1600     | 14              | 24 | 18 | 35 | 65  | 35 |
| YXR1530-05 | M20×250 | 2000     | 14              | 27 | 20 | 35 | 67  | 35 |
| YXR1530-06 | M24×275 | 2500     | 14              | 31 | 24 | 43 | 75  | 35 |
| YXR1530-07 | M30×350 | 4000     | 20              | 40 | 30 | 56 | 90  | 50 |
| YXR1530-08 | M36×450 | 6300     | 25              | 48 | 36 | 68 | 105 | 60 |
| YXR1530-09 | M42×500 | 8000     | 28              | 54 | 42 | 75 | 125 | 70 |



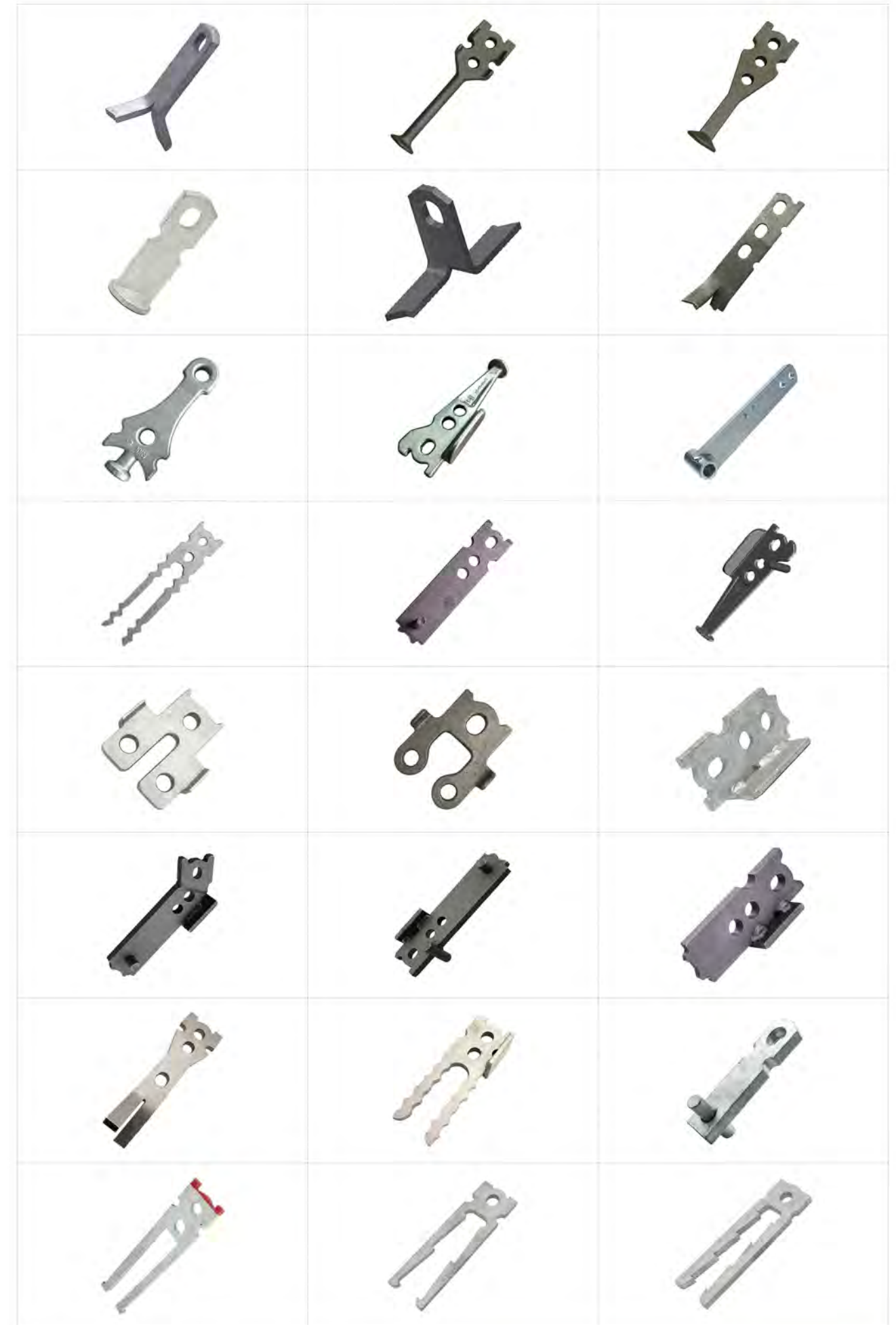
YXR1531

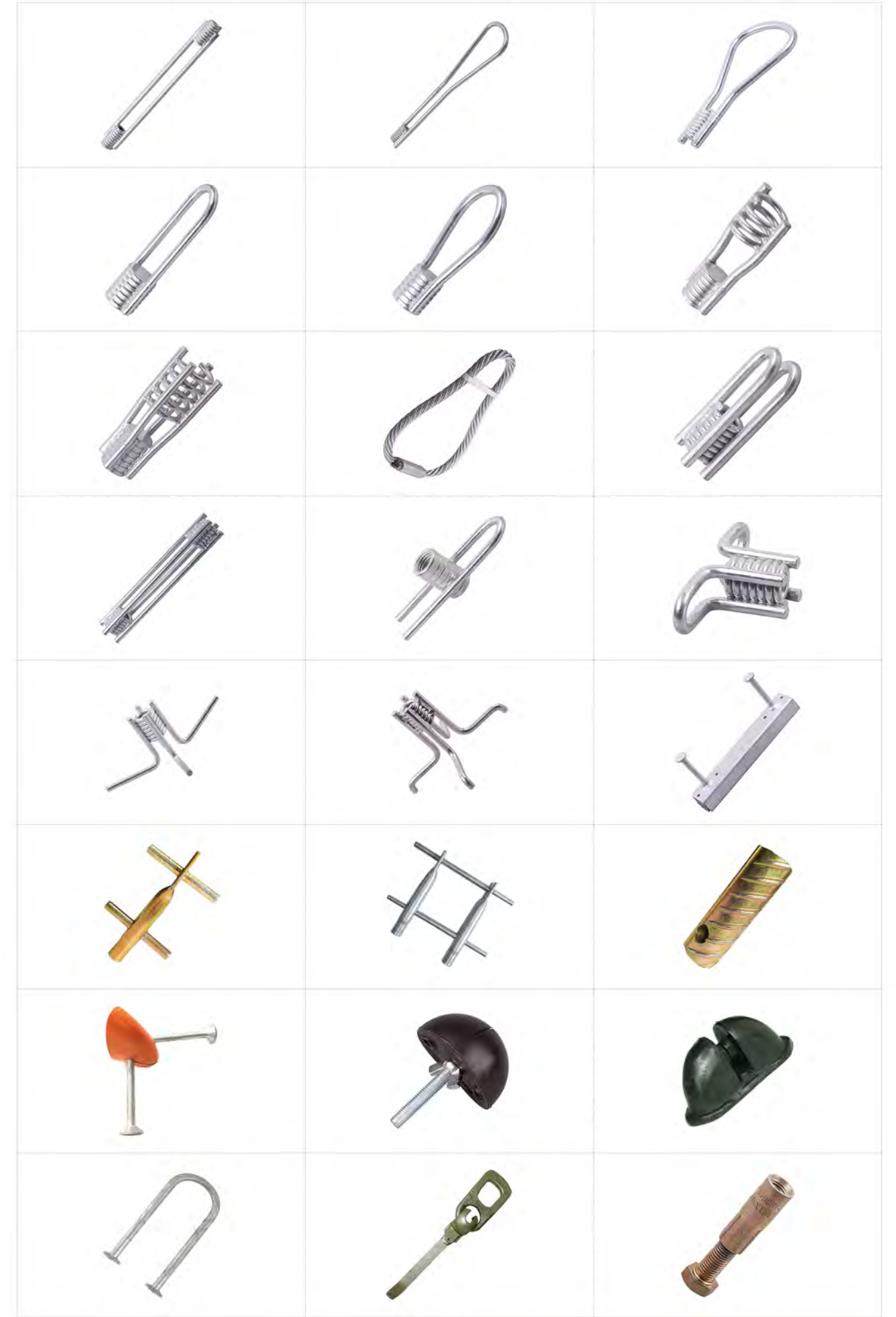
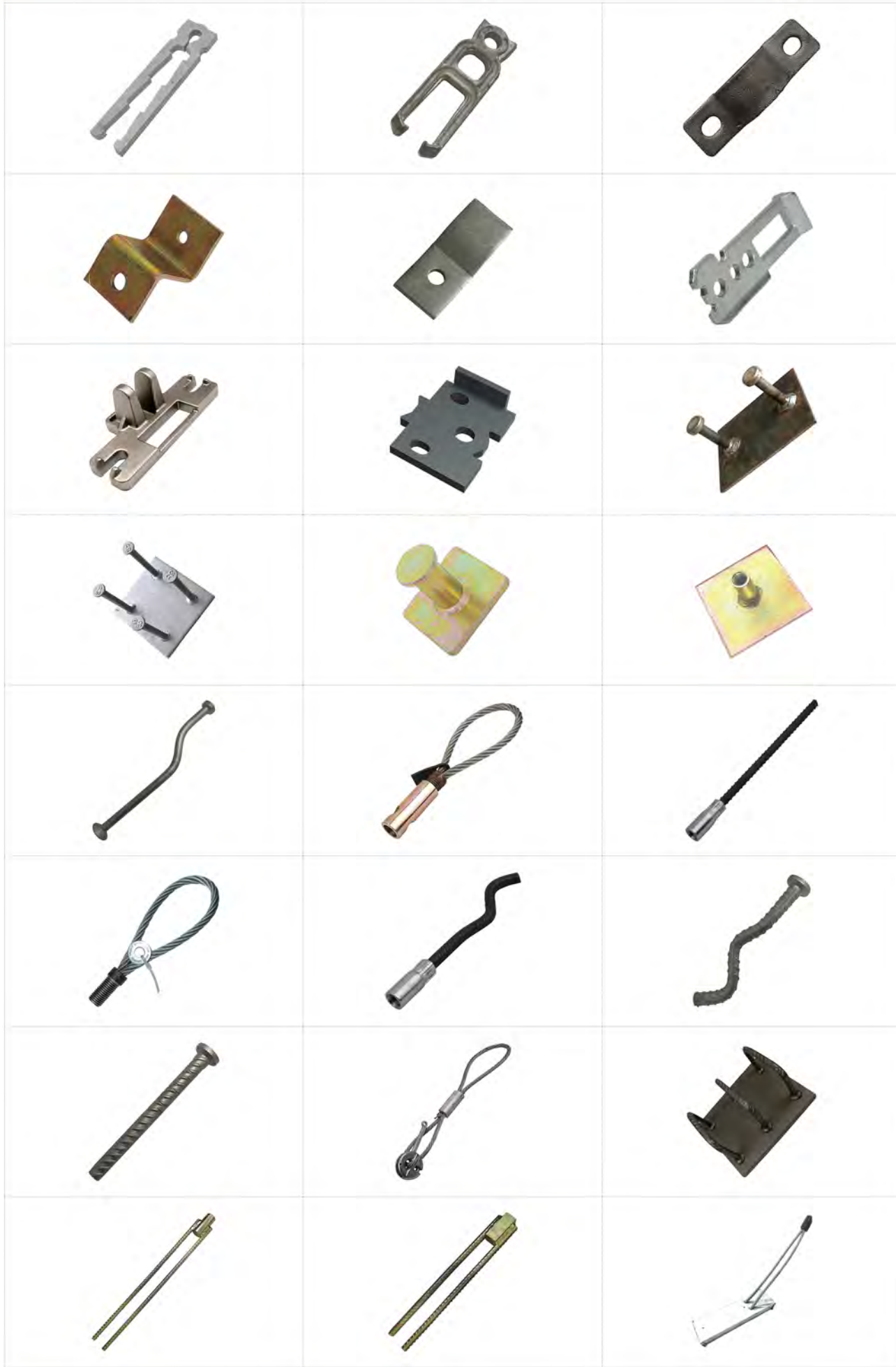


### LIFTING STUD WITH FLAT PLATE

| ITEM NO.   | SIZE    | LOAD GROUP (T) | DIMENSIONS (MM) |    |    |    |     |
|------------|---------|----------------|-----------------|----|----|----|-----|
|            |         |                | d               | D  | T  | W  | L   |
| YXR1531-01 | 2.5×55  | 2.5            | 14              | 26 | 6  | 70 | 55  |
| YXR1531-02 | 2.5×120 | 2.5            | 14              | 26 | 6  | 70 | 120 |
| YXR1531-03 | 5×55    | 5              | 20              | 36 | 8  | 90 | 55  |
| YXR1531-04 | 5×65    | 5              | 20              | 36 | 8  | 90 | 65  |
| YXR1531-05 | 5×110   | 5              | 20              | 36 | 8  | 90 | 110 |
| YXR1531-06 | 10×115  | 10             | 28              | 46 | 10 | 90 | 115 |

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.



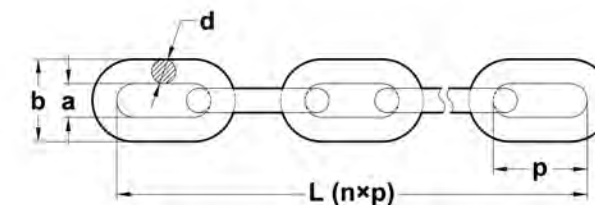


# CHAIN & ACCESSORIES

If you are in need of other types  
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please contact our sales department.



YXR1600

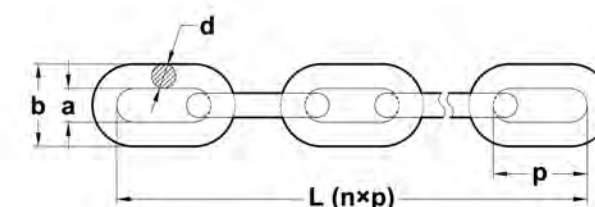


## TRAWL CHAIN (SHORT LINK)

| ITEM NO.   | SIZE<br>d x p<br>MM | WIDTH (MM)       |                  | WEIGHT<br>KG/M | BREAKING<br>LOAD MIN.<br>KN |
|------------|---------------------|------------------|------------------|----------------|-----------------------------|
|            |                     | INSIDE MIN.<br>a | INSIDE MIN.<br>b |                |                             |
| YXR1600-01 | 7 x 21              | 10               | 25.5             | 1.05           | 60                          |
| YXR1600-02 | 10 x 30             | 14               | 36               | 2.2            | 125                         |
| YXR1600-03 | 13 x 39             | 18.1             | 47.1             | 3.8            | 214                         |
| YXR1600-04 | 16 x 48             | 22.4             | 57.4             | 5.63           | 320                         |
| YXR1600-05 | 19 x 57             | 27.8             | 68.8             | 7.81           | 450                         |
| YXR1600-06 | 20 x 60             | 29               | 72               | 8.52           | 500                         |



YXR1601

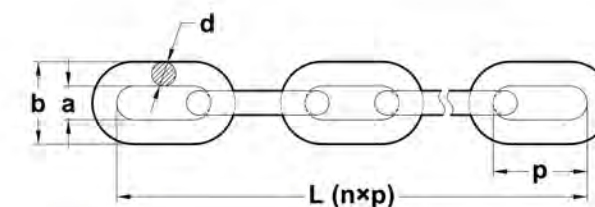


## TRAWL CHAIN (MID LINK)

| ITEM NO.   | SIZE<br>d x p<br>MM | WIDTH (MM)       |                  | WEIGHT<br>KG/M | BREAKING<br>LOAD MIN.<br>KN |
|------------|---------------------|------------------|------------------|----------------|-----------------------------|
|            |                     | INSIDE MIN.<br>a | INSIDE MIN.<br>b |                |                             |
| YXR1601-01 | 13 x 52             | 19.5             | 48.5             | 3.31           | 214                         |
| YXR1601-02 | 16 x 64             | 24               | 59               | 4.97           | 320                         |
| YXR1601-03 | 19 x 76             | 28.5             | 69.5             | 6.92           | 450                         |
| YXR1601-04 | 22 x 86             | 27               | 74               | 9.5            | 610                         |
| YXR1601-05 | 26 x 92             | 31               | 86               | 13.7           | 850                         |



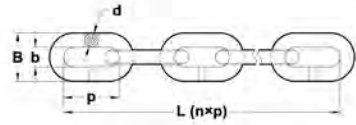
YXR1602



## TRAWL CHAIN (LONG LINK)

| ITEM NO.   | SIZE<br>d x p<br>MM | WIDTH (MM)       |                  | WEIGHT<br>KG/M | BREAKING<br>LOAD MIN.<br>KN |
|------------|---------------------|------------------|------------------|----------------|-----------------------------|
|            |                     | INSIDE MIN.<br>a | INSIDE MIN.<br>b |                |                             |
| YXR1602-01 | 11 x 63             | 18               | 43               | 2.16           | 152                         |
| YXR1602-02 | 13 x 80             | 22               | 51               | 2.93           | 214                         |
| YXR1602-03 | 16 x 100            | 26               | 61               | 4.34           | 320                         |
| YXR1602-04 | 19 x 100            | 27               | 68               | 6.31           | 450                         |
| YXR1602-05 | 22 x 100            | 37               | 84               | 8.74           | 610                         |

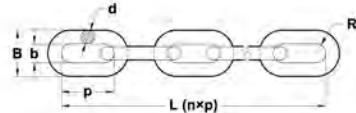
## LIFTING CHAIN / HOIST CHAIN



YXR1603

| ITEM NO.   | SIZE d x p (MM) | WEIGHT (KG)/M | INSIDE LENGTH P | MIN INSIDE WIDTH b | MAX OUTSIDE WIDTH B | WORKING LOAD LIMIT (KN) | TEST LOAD (KN) | BREAKING LOAD (KN) |
|------------|-----------------|---------------|-----------------|--------------------|---------------------|-------------------------|----------------|--------------------|
| YXR1603-01 | 6 x 18          | 0.79          | 18              | 7.5                | 21                  | 11                      | 27             | 45.2               |
| YXR1603-02 | 7 x 21          | 1.07          | 21              | 9                  | 24.5                | 15                      | 37             | 61.6               |
| YXR1603-03 | 8 x 24          | 1.38          | 24              | 10                 | 28                  | 20                      | 48             | 80.4               |
| YXR1603-04 | 9 x 27          | 1.9           | 27              | 11.5               | 30                  | 24.5                    | 61             | 102                |
| YXR1603-05 | 10 x 30         | 2.2           | 30              | 12.5               | 35                  | 32                      | 76             | 125                |
| YXR1603-06 | 12 x 36         | 3.3           | 36              | 15.5               | 42.2                | 49                      | 117            | 196                |
| YXR1603-07 | 13 x 39         | 3.8           | 39              | 16.3               | 46                  | 50                      | 128            | 214                |
| YXR1603-08 | 14 x 42         | 4.13          | 42              | 18                 | 49                  | 53                      | 150            | 250                |
| YXR1603-09 | 16 x 48         | 5.63          | 48              | 20                 | 56                  | 80                      | 192            | 320                |
| YXR1603-10 | 18 x 54         | 6.85          | 54              | 23                 | 63                  | 100                     | 246            | 410                |
| YXR1603-11 | 20 x 60         | 8.6           | 60              | 25                 | 70                  | 125                     | 300            | 500                |
| YXR1603-12 | 22 x 66         | 10.5          | 66              | 28                 | 77                  | 153                     | 366            | 610                |
| YXR1603-13 | 24 x 72         | 12.78         | 72              | 32                 | 82                  | 180                     | 432            | 720                |
| YXR1603-14 | 26 x 78         | 14.87         | 78              | 35                 | 91                  | 213                     | 510            | 850                |
| YXR1603-15 | 30 x 90         | 19.6          | 90              | 38                 | 105                 | 283                     | 678            | 1130               |
| YXR1603-16 | 32 x 96         | 22.29         | 96              | 40                 | 106                 | 322                     | 772            | 1289               |
| YXR1603-17 | 34 x 102        | 25.5          | 102             | 46.5               | 121.5               | 363                     | 870            | 1450               |
| YXR1603-18 | 36 x 108        | 31            | 108             | 49.5               | 128.5               | 407                     | 978            | 1630               |
| YXR1603-19 | 38 x 114        | 32            | 114             | 52                 | 136                 | 453                     | 1086           | 1810               |
| YXR1603-20 | 42 x 126        | 38.6          | 126             | 55.5               | 144.5               | 554                     | 1332           | 2200               |

## HIGH TEST CHAIN FOR MINING



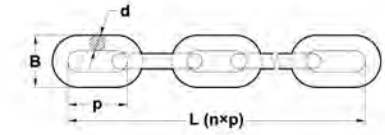
YXR1604

| ITEM NO.   | SIZE d x p (MM) | DIAMETER d | INSIDE LENGTH P | CIRCLE RADIUS R | MIN INSIDE WIDTH b | MAX OUTSIDE WIDTH B | TEST LOAD (KN) | BREAKING LOAD (KN) | GRADE |
|------------|-----------------|------------|-----------------|-----------------|--------------------|---------------------|----------------|--------------------|-------|
| YXR1604-01 | 10 x 40         | 10 ± 0.4   | 40 ± 0.5        | 15              | 12                 | 34                  | 85             | 110                | B     |
| YXR1604-02 | 14 x 50         | 14 ± 0.4   | 50 ± 0.5        | 22              | 17                 | 48                  | 150            | 190                | C     |
| YXR1604-03 | 18 x 64         | 18 ± 0.4   | 64 ± 0.6        | 28              | 21                 | 60                  | 260            | 320                | B     |
| YXR1604-04 | 22 x 86         | 22 ± 0.5   | 86 ± 0.9        | 34              | 26                 | 74                  | 380            | 480                | C     |
| YXR1604-05 | 26 x 92         | 26 ± 0.8   | 92 ± 0.9        | 40              | 30                 | 86                  | 490            | 610                | C     |
| YXR1604-06 | 30 x 108        | 30 ± 0.9   | 108 ± 1.0       | 46              | 34                 | 98                  | 540            | 670                | B     |
| YXR1604-07 | 34 x 126        | 34 ± 1.0   | 126 ± 1.2       | 52              | 38                 | 109                 | 680            | 850                | C     |
| YXR1604-08 | 38 x 137        | 38 ± 1.1   | 137 ± 1.4       | 58              | 42                 | 123                 | 710            | 890                | B     |
| YXR1604-09 | 42 x 146        | 42 ± 1.3   | 146 ± 1.5       | 64              | 46                 | 135                 | 900            | 1130               | C     |
| YXR1604-10 | 48 x 152        | 48 ± 1.5   | 152 ± 1.5       | 78              | 56                 | 127                 | 900            | 1140               | B     |
| YXR1604-11 |                 |            |                 |                 |                    |                     | 1160           | 1450               | C     |
| YXR1604-12 |                 |            |                 |                 |                    |                     | 1450           | 1810               | C     |
| YXR1604-13 |                 |            |                 |                 |                    |                     | 1770           | 2220               | C     |
| YXR1604-14 |                 |            |                 |                 |                    |                     | 1850           | 2900               | C     |
| YXR1604-15 |                 |            |                 |                 |                    |                     |                |                    |       |
| YXR1604-16 |                 |            |                 |                 |                    |                     |                |                    |       |
| YXR1604-17 |                 |            |                 |                 |                    |                     |                |                    |       |
| YXR1604-18 |                 |            |                 |                 |                    |                     |                |                    |       |
| YXR1604-19 |                 |            |                 |                 |                    |                     |                |                    |       |
| YXR1604-20 |                 |            |                 |                 |                    |                     |                |                    |       |



YXR1605

## LASHING CHAIN

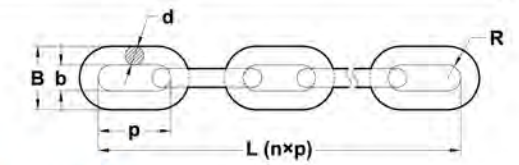


| ITEM NO.   | SIZE D (MM) | WEIGHT (KG/M) | INSIDE LENGTH P | OUTSIDE WIDTH B | PROOF LOAD (KN) | BREAKING LOAD (KN) |
|------------|-------------|---------------|-----------------|-----------------|-----------------|--------------------|
| YXR1605-01 | 9           | 1.42          | 53              | 33              | 49              | 98                 |
| YXR1605-02 | 10(A)       | 1.75          | 65              | 42              | 63              | 125                |
| YXR1605-03 | 10(B)       | 1.8           | 53              | 35              | 63              | 125                |
| YXR1605-04 | 11          | 2.18          | 64              | 40              | 73.5            | 147                |
| YXR1605-05 | 12          | 2.58          | 64              | 42              | 73.58           | 147                |
| YXR1605-06 | 13(A)       | 3.05          | 82              | 54.6            | 95              | 190                |
| YXR1605-07 | 13(B)       | 3.01          | 80              | 48              | 95              | 190                |
| YXR1605-08 | 14          | 3.55          | 80              | 50              | 100             | 200                |
| YXR1605-09 | 16          | 4.58          | 96              | 57              | 136             | 273                |
| YXR1605-10 | 19          | 7.64          | 100             | 67.2            | 160             | 320                |



YXR1606

## THREE LINK CHIAN FOR MINING

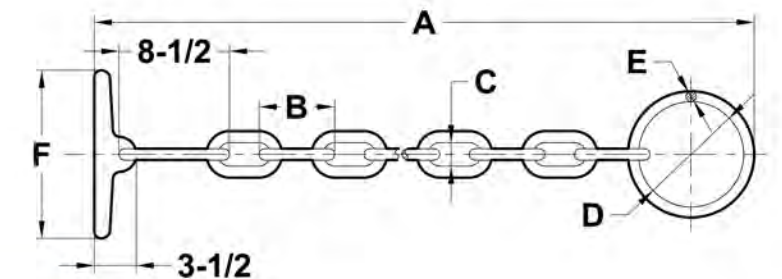


| ITEM NO.   | SIZE d x p (MM) | DIAMETER d | INSIDE LENGTH P | CIRCLE RADIUS R | MIN INSIDE WIDTH b | MAX OUTSIDE WIDTH B | TEST LOAD (KN) | BREAKING LOAD (KN) | WEIGHT (KG/M) |
|------------|-----------------|------------|-----------------|-----------------|--------------------|---------------------|----------------|--------------------|---------------|
| YXR1606-01 | 22 x 105        | 22         | 105             | 41              | 40                 | 87                  | 70             | 370                | 2.9           |
| YXR1606-02 | 26 x 118        | 26         | 118             | 48              | 46                 | 102                 | 100            | 520                | 4.6           |
| YXR1606-03 | 28 x 120        | 28         | 120             | 51              | 48                 | 108                 | 110            | 610                | 6.7           |
| YXR1606-04 | 30 x 120        | 30         | 120             | 53              | 48                 | 112                 | 120            | 670                | 7.8           |
| YXR1606-05 | 30 x 130        | 30         | 130             | 56.5            | 55                 | 119                 | 120            | 670                | 6.9           |
| YXR1606-06 | 32 x 140        | 32         | 140             | 60              | 58                 | 126                 | 140            | 790                | 9.9           |
| YXR1606-07 | 34 x 147        | 34         | 147             | 65              | 64                 | 136                 | 160            | 890                | 10.1          |
| YXR1606-08 | 38 x 145        | 38         | 145             | 77              | 80                 | 160                 | 200            | 1110               | 13.65         |



YXR1607

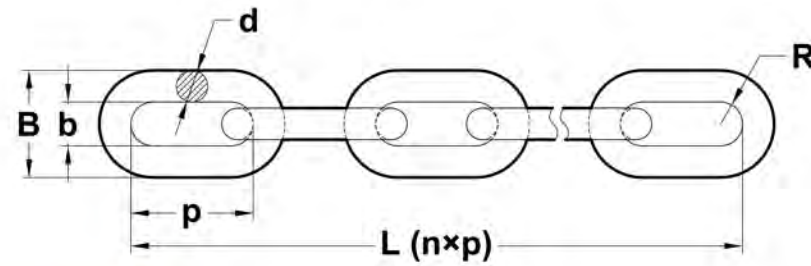
## BOOM CHAIN



| ITEM NO.   | NORMINAL SIZE (IN.) | WEIGHT (KG) | AVERAGE MINIMUM BEAKING STRENGTH (LBS) | DIMENSIONS (IN.) |       |       |       |       |    |
|------------|---------------------|-------------|----------------------------------------|------------------|-------|-------|-------|-------|----|
|            |                     |             |                                        | A(ft)            | B     | C     | D     | E     | F  |
| YXR1607-01 | 3/4                 | 37          | 50000                                  | 7                | 4-1/2 | 2-5/8 | 5-1/2 | 1     | 12 |
| YXR1607-02 | 7/8                 | 53          | 70000                                  | 7                | 5-1/4 | 3-1/8 | 6     | 1-1/8 | 12 |
| YXR1607-03 | 1                   | 65          | 90000                                  | 7                | 6     | 3-1/2 | 8     | 1-1/8 | 12 |



YXR1608



### FISHING CHAIN

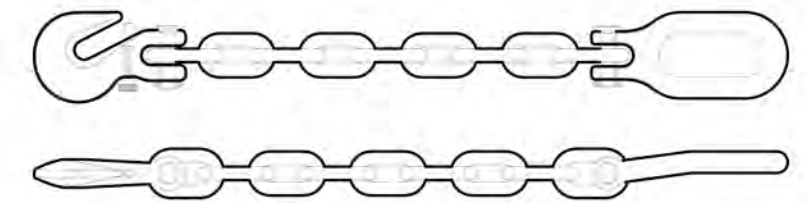
| ITEM NO.   | KINDS OF CHAIN   | SIZE d x p (MM) | WIDTH (MM)     |                 | WEIGHT (KG/M) | BREAKING LOAD (KN) |
|------------|------------------|-----------------|----------------|-----------------|---------------|--------------------|
|            |                  |                 | INSIDE WIDTH b | OUTSIDE WIDTH B |               |                    |
| YXR1608-01 | Short Link Chain | 7 x 21          | 10             | 25.5            | 1.05          | 60                 |
| YXR1608-02 |                  | 10 x 30         | 14             | 36              | 2.2           | 125                |
| YXR1608-03 |                  | 13 x 39         | 18.1           | 47.1            | 3.8           | 214                |
| YXR1608-04 |                  | 16 x 48         | 22.4           | 57.4            | 5.63          | 320                |
| YXR1608-05 |                  | 19 x 59         | 27.8           | 68.8            | 7.81          | 450                |
| YXR1608-06 |                  | 20 x 60         | 29             | 72              | 8.52          | 500                |
| YXR1608-07 | Mid Link Chain   | 10 x 40         | 15             | 37              | 1.9           | 125                |
| YXR1608-08 |                  | 13 x 52         | 19.5           | 48.5            | 3.31          | 214                |
| YXR1608-09 |                  | 14 x 50         | 18.5           | 49.5            | 4             | 250                |
| YXR1608-10 |                  | 16 x 64         | 24             | 59              | 4.97          | 320                |
| YXR1608-11 |                  | 19 x 76         | 28.5           | 69.5            | 6.92          | 450                |
| YXR1608-12 |                  | 22 x 86         | 27             | 74              | 9.5           | 610                |
| YXR1608-13 | Long Link Chain  | 26 x 92         | 31             | 86              | 13.7          | 850                |
| YXR1608-14 |                  | 7 x 45          | 10             | 25.5            | 0.82          | 60                 |
| YXR1608-15 |                  | 9 x 53          | 15             | 35              | 1.36          | 100                |
| YXR1608-16 |                  | 11 x 63         | 18             | 43              | 2.16          | 152                |
| YXR1608-17 |                  | 13 x 80         | 22             | 51              | 2.93          | 214                |
| YXR1608-18 |                  | 16 x 100        | 26             | 61              | 4.34          | 320                |
| YXR1608-19 |                  | 19 x 100        | 27             | 68              | 6.31          | 450                |
| YXR1608-20 |                  | 22 x 120        | 37             | 84              | 8.94          | 610                |
| YXR1608-21 |                  | 28 x 150        | 44             | 103             | 14.41         | 980                |

### HATCH BOARD CHAIN



YXR1610

| ITEM NO.   | SIZE d (MM) | WEIGHT (KG/M) | INSIDE LENGTH p | OUTSIDE WIDTH B | PROOF LOAD (KN) | BREAKING LOAD (KN) |
|------------|-------------|---------------|-----------------|-----------------|-----------------|--------------------|
| YXR1610-01 | 11          | 2.39          | 43              | 12.5            | 57              | 116                |
| YXR1610-02 | 14(A)       | 5.34          | 50              | 22              | 97              | 254                |
| YXR1610-03 | 14(B)       |               | 42              |                 | 106             |                    |
| YXR1610-04 | 15          | 5.29          | 55              | 54              | 128             | 254                |
| YXR1610-05 | 16(A)       | 7.12          | 54              |                 | 161             |                    |
| YXR1610-06 | 16(B)       | 6.32          | 64              | 64              | 161             | 322                |
| YXR1610-07 | 18(A)       | 7.6           | 57              | 57              | 164             | 330                |
| YXR1610-08 | 18(B)       | 9.5           | 60              | 60              | 129             | 359                |
| YXR1610-09 | 20(A)       | 8.57          | 62              | 62              | 179             | 359                |
| YXR1610-10 | 22(A)       | 9.86          | 78              | 78              | 240             | 480                |
| YXR1610-11 | 22(B)       | 9.24          | 86              | 86              | 240             | 480                |
| YXR1610-12 | 22(C)       | 10.6          | 66              | 66              | 240             | 480                |
| YXR1610-13 | 30          | 18.22         | 108             | 108             | 399             | 798                |

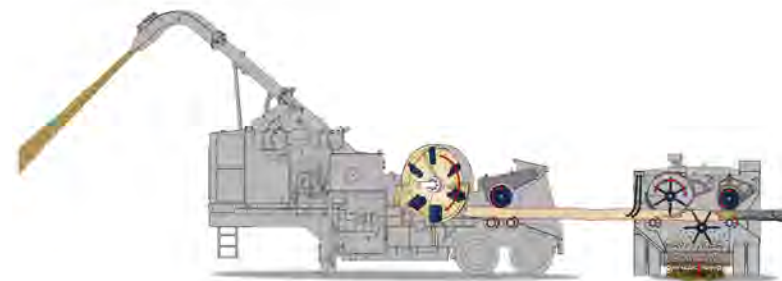


### CHAIN WITH GRAB HOOK AND CLEVIS PEAR LINK

| ITEM NO.   | SIZE (IN.) | WEIGHT (KG) | DIMENSIONS (MM) |    |    |    |      |       |    |    |
|------------|------------|-------------|-----------------|----|----|----|------|-------|----|----|
|            |            |             | A               | B  | C  | D  | E    | F     | G  | H  |
| YXR1611-01 | 5/16       | 13          | 12              | 32 | 55 | 43 | 59.5 | 128.5 | 12 | 12 |
| YXR1611-02 | 3/8        | 16          | 16              | 39 | 56 | 55 | 83   | 154   | 16 | 14 |



YXR1609

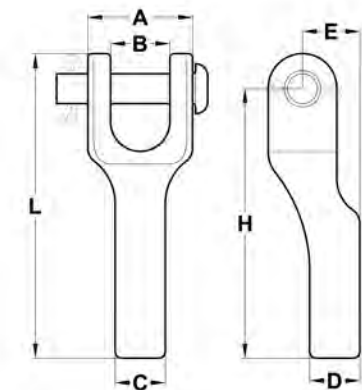


### DEBARKING CHAIN

| ITEM NO.   | NUMBER OF LINKS | MATERIAL DIAMETER (IN.) | INSIDE LINKS DIMENSIONS (IN.) | WORKING LENGTH (IN.) | PIECES /DRUM | WEIGHT /DRUM (LBS.) |
|------------|-----------------|-------------------------|-------------------------------|----------------------|--------------|---------------------|
| YXR1609-01 | 8               | 0.63                    | 0.95 x 1.68                   | 14.07                | 250          | 1158                |
| YXR1609-02 | 9               | 0.63                    | 0.95 x 1.68                   | 15.75                | 200          | 1034                |
| YXR1609-03 | 10              | 0.63                    | 0.95 x 1.68                   | 17.43                | 150          | 1155                |

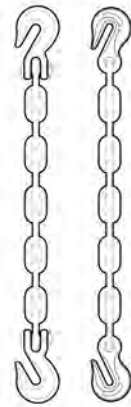


YXR1612



### CHAIN RETAINER

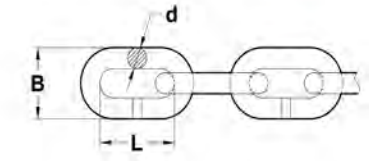
| ITEM NO.   | SIZE (IN.) | MBS (LBS) | WT (KG) | DIMENSIONS (MM) |      |      |    |      |    |       |
|------------|------------|-----------|---------|-----------------|------|------|----|------|----|-------|
|            |            |           |         | A               | B    | C    | D  | E    | H  | L     |
| YXR1612-01 | 5/16       | 10000     | 0.30    | 33              | 12.5 | 22.5 | 15 | 17.5 | 81 | 96    |
| YXR1612-02 | 3/8        | 25000     | 0.45    | 40              | 15   | 25.5 | 15 | 19   | 91 | 105.5 |



YXR1613

## CHAIN WITH CLEVIS / EYE GRAB HOOKS ON BOTH END

| ITEM NO.   | SIZE (IN.)  | ASTM1980 |          |          | NACM1990 |          |          | NACM1996/2010 |          |          | PC/ DRUM |
|------------|-------------|----------|----------|----------|----------|----------|----------|---------------|----------|----------|----------|
|            |             | WT (KG)  | WL (LBS) | BL (LBS) | WT (KG)  | WL (LBS) | BL (LBS) | WT (KG)       | WL (LBS) | BL (LBS) |          |
| GRADE 43   |             |          |          |          |          |          |          |               |          |          |          |
| YXR1613-01 | 1/4 × 14FT  | 5.0      | 2600     | 7750     | 4.5      | 2600     | 7500     | 4.5           | 2600     | 7800     | 50       |
| YXR1613-02 | 1/4 × 16FT  | 6.0      | 2600     | 7750     | 5.0      | 2600     | 7500     | 5.0           | 2600     | 7800     | 40       |
| YXR1613-03 | 5/16 × 14FT | 7.5      | 3900     | 11600    | 6.0      | 3900     | 9700     | 7.0           | 3900     | 11700    | 35       |
| YXR1613-04 | 5/16 × 16FT | 8.5      | 3900     | 11600    | 6.5      | 3900     | 9700     | 8.0           | 3900     | 11700    | 30       |
| YXR1613-05 | 5/16 × 18FT | 9.5      | 3900     | 11600    | 7.5      | 3900     | 9700     | 9.0           | 3900     | 11700    | 30       |
| YXR1613-06 | 5/16 × 20FT | 10.5     | 3900     | 11600    | 8.0      | 3900     | 9700     | 9.5           | 3900     | 11700    | 25       |
| YXR1613-07 | 5/16 × 25FT | 13.0     | 3900     | 11600    | 10.0     | 3900     | 9700     | 12.0          | 3900     | 11700    | 20       |
| YXR1613-08 | 5/16 × 30FT | 15.5     | 3900     | 11600    | 12.0     | 3900     | 9700     | 14.0          | 3900     | 11700    | 20       |
| YXR1613-09 | 3/8 × 14FT  | 10.5     | 5400     | 16200    | 9.5      | 5400     | 15200    | 10.0          | 5400     | 16200    | 25       |
| YXR1613-10 | 3/8 × 16FT  | 12.0     | 5400     | 16200    | 11.0     | 5400     | 15200    | 11.5          | 5400     | 16200    | 25       |
| YXR1613-11 | 3/8 × 20FT  | 15.0     | 5400     | 16200    | 13.5     | 5400     | 15200    | 13.5          | 5400     | 16200    | 20       |
| YXR1613-12 | 3/8 × 25FT  | 18.5     | 5400     | 16200    | 16.5     | 5400     | 15200    | 17.5          | 5400     | 16200    | 15       |
| YXR1613-13 | 3/8 × 30FT  | 27.0     | 9200     | 27600    | 23.5     | 9200     | 25700    | 24.7          | 9200     | 27600    | 10       |
| GRADE 70   |             |          |          |          |          |          |          |               |          |          |          |
| YXR1613-14 | 1/4 × 14FT  | 5.0      | 3150     | 12600    | 4.5      | 3150     | 12100    | 4.0           | 3150     | 12600    | 50       |
| YXR1613-15 | 1/4 × 16FT  | 6.0      | 3150     | 12600    | 5.0      | 3150     | 12100    | 5.0           | 3150     | 12600    | 40       |
| YXR1613-16 | 5/16 × 14FT | 7.5      | 4700     | 18800    | 6.0      | 4700     | 18800    | 7.0           | 4700     | 18800    | 35       |
| YXR1613-17 | 5/16 × 16FT | 8.5      | 4700     | 18800    | 6.5      | 4700     | 18800    | 8.0           | 4700     | 18800    | 30       |
| YXR1613-18 | 5/16 × 18FT | 9.5      | 4700     | 18800    | 7.5      | 4700     | 18800    | 9.0           | 4700     | 18800    | 30       |
| YXR1613-19 | 5/16 × 20FT | 10.5     | 4700     | 18800    | 8.0      | 4700     | 18800    | 10.0          | 4700     | 18800    | 25       |
| YXR1613-20 | 5/16 × 25FT | 13.0     | 4700     | 18800    | 10.0     | 4700     | 18800    | 12.0          | 4700     | 18800    | 20       |
| YXR1613-21 | 5/16 × 30FT | 15.5     | 4700     | 18800    | 12.0     | 4700     | 18800    | 14.5          | 4700     | 18800    | 20       |
| YXR1613-22 | 3/8 × 14FT  | 10.5     | 6600     | 26400    | 9.5      | 6600     | 24700    | 10.0          | 6600     | 26400    | 25       |
| YXR1613-23 | 3/8 × 16FT  | 12.0     | 6600     | 26400    | 11.0     | 6600     | 24700    | 11.5          | 6600     | 26400    | 20       |
| YXR1613-24 | 3/8 × 20FT  | 15.0     | 6600     | 26400    | 13.5     | 6600     | 24700    | 14.5          | 6600     | 26400    | 20       |
| YXR1613-25 | 3/8 × 25FT  | 18.5     | 6600     | 26400    | 16.5     | 6600     | 24700    | 18.0          | 6600     | 26400    | 15       |
| YXR1613-26 | 1/2 × 20FT  | 26.0     | 11300    | 45200    | 23       | 11300    | 45200    | 24.5          | 11300    | 45200    | 10       |
| YXR1613-27 | 1/2 × 25FT  | 32.5     | 11300    | 45200    | 28       | 11300    | 41800    | 30            | 11300    | 45200    | 8        |

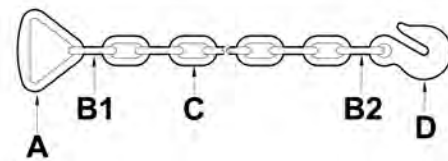


## DIN763 LINK CHAIN

| ITEM NO.   | SIZE (D) |     | INSIDE LENGTH (L) |     | OUTSIDE WIDTH (B) |      | WORK LIMITED LOAD | PROOF LOAD | BREAKING LOAD | KG/M  |
|------------|----------|-----|-------------------|-----|-------------------|------|-------------------|------------|---------------|-------|
| YXR1615-01 | mm       | ±mm | mm                | ±mm | mm                | ±mm  | kg                | N          | N             | kg    |
| YXR1615-02 | 2        | 0.5 | 22                | 1.0 | 8                 | 0.4  | 25                | 800        | 1250          | 0.06  |
| YXR1615-03 | 2.5      |     | 24                | 1.1 | 10                | 0.5  | 40                | 800        | 2000          | 0.10  |
| YXR1615-04 | 3        |     | 26                | 1.2 | 12                | 0.6  | 55                | 1050       | 3200          | 0.15  |
| YXR1615-05 | 3.5      |     | 28                | 1.3 | 14                | 0.7  | 80                | 1540       | 3850          | 0.20  |
| YXR1615-06 | 4        |     | 32                | 1.5 | 16                | 0.8  | 100               | 2000       | 6000          | 0.27  |
| YXR1615-07 | 4.5      |     | 34                | 1.7 | 18                | 0.9  | 128               | 2500       | 6300          | 0.35  |
| YXR1615-08 | 5        |     | 35                | 1.8 | 20                | 1.0  | 160               | 3150       | 10000         | 0.43  |
| YXR1615-09 | 5.5      |     | 38.5              | 1.8 | 22                | 1.1  | 195               | 3800       | 9500          | 0.52  |
| YXR1615-10 | 6        |     | 42                | 2.0 | 24                | 1.2  | 224               | 4500       | 14000         | 0.63  |
| YXR1615-11 | 7        | 49  | 2.5               | 28  | 1.4               | 300  | 6000              | 18000      | 0.86          |       |
| YXR1615-12 | 8        | 52  | 2.5               | 32  | 1.6               | 400  | 8000              | 25000      | 1.10          |       |
| YXR1615-13 | 8.5      | 56  | 2.8               | 34  | 1.7               | 460  | 9000              | 22500      | 1.25          |       |
| YXR1615-14 | 9        | 59  | 3.0               | 36  | 1.8               | 530  | 10500             | 32000      | 1.41          |       |
| YXR1615-15 | 10       | 65  | 3.2               | 40  | 2.0               | 630  | 12500             | 40000      | 1.75          |       |
| YXR1615-16 | 11       | 72  | 3.4               | 44  | 2.0               | 790  | 15800             | 47500      | 2.11          |       |
| YXR1615-17 | 12       | 78  | 3.6               | 48  | 2.3               | 940  | 18800             | 56500      | 2.55          |       |
| YXR1615-18 | 13       | 82  | 4.0               | 52  | 2.5               | 1000 | 21200             | 63000      | 2.95          |       |
| YXR1615-19 | 16       | 1   | 100               | 5.0 | 64                | 3.2  | 1600              | 33000      | 100000        | 4.45  |
| YXR1615-20 | 18       |     | 113               | 5.2 | 70                | 3.2  | 2120              | 42300      | 127000        | 5.65  |
| YXR1615-21 | 19       |     | 119               | 5.6 | 72                | 3.4  | 2370              | 47300      | 142000        | 6.25  |
| YXR1615-22 | 20       |     | 120               | 6.0 | 75                | 3.8  | 2500              | 50000      | 160000        | 7.00  |
| YXR1615-23 | 22       |     | 127               | 6.0 | 82                | 4.0  | 3170              | 63300      | 190000        | 8.55  |
| YXR1615-24 | 25       |     | 140               | 6.6 | 85                | 4.2  | 4090              | 81700      | 245000        | 10.90 |
| YXR1615-25 | 28       |     | 152               | 7.0 | 96                | 4.7  | 6000              | 120000     | 300000        | 13.90 |
| YXR1615-26 | 32       |     | 171               | 7.8 | 108               | 5.2  | 8000              | 160000     | 400000        | 18.20 |



YXR1615

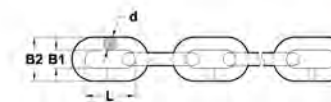


## CHAIN WITH DELTA RING AND HOOK EACH ONE END

| ITEM NO.   | A (IN) | B1 (IN) | C (IN)     | B2 (IN) | D (IN) | LENGTH (IN) | WEIGHT (KG) | BREAKING LOAD (LBS) | PC/ BAG |
|------------|--------|---------|------------|---------|--------|-------------|-------------|---------------------|---------|
| YXR1614-01 | 2      | 3/8     | 5/16 × 11L | 3/8     | 5/16   | 18          | 1.17        | 10000               | 50      |
| YXR1614-02 | 2      | 3/8     | 5/16 × 11L | 3/8     | 3/8    | 18          | 1.17        | 10000               | 50      |
| YXR1614-03 | 3      | 7/16    | 5/16 × 10L | 7/16    | 5/16   | 18          | 1.32        | 16200               | 35      |
| YXR1614-04 | 3      | 7/16    | 3/8 × 9L   | 7/16    | 3/8    | 18          | 1.48        | 16200               | 35      |
| YXR1614-05 | 3      | 7/16    | 3/8 × 5L   | 7/16    | 3/8    | 12          | 1.28        | 16200               | 35      |
| YXR1614-06 | 4      | 7/16    | 3/8 × 9L   | 7/16    | 3/8    | 18          | 1.68        | 20000               | 35      |
| YXR1614-07 | *      | 3/8     | 5/16 × 11L | 3/8     | 5/16   | 18          | 1.30        | 11000               | 35      |
| YXR1614-08 | *      | 7/16    | 3/8 × 9L   | 7/16    | 3/8    | 18          | 1.35        | 16200               | 35      |



YXR1614



## DIN764 LINK CHAIN

| ITEM NO.   | SIZE (d) |      | INSIDE LENGTH (L) |      |      | INSIDE WIDTH (B1) | OUTSIDE WIDTH (B2) | LENGTH PER 11 LINKS |     |     | WEIGHT PER 100 M | BREAKING LOAD | PROOF LOAD |
|------------|----------|------|-------------------|------|------|-------------------|--------------------|---------------------|-----|-----|------------------|---------------|------------|
| YXR1616-01 | mm       | ±mm  | mm                |      | ±mm  | mm                | mm                 | mm                  |     | ±mm | kg               | KN            | kg         |
| YXR1616-02 | 4        | 0.2  | 16                | 0.3  | 0.2  | 5                 | 14                 | 176                 | 1.6 | 0.9 | 31.3             | 7             | 400        |
| YXR1616-03 | 5        | 0.2  | 18                | 0.4  | 0.2  | 7                 | 18.2               | 198                 | 1.8 | 1.0 | 51.4             | 11.8          | 680        |
| YXR1616-04 | 6        | 0.2  | 21                | 0.5  | 0.2  | 8                 | 21.5               | 231                 | 2.0 | 1.1 | 74               | 16.5          | 850        |
| YXR1616-05 | 8        | 0.2  | 28                | 0.5  | 0.3  | 11                | 29                 | 308                 | 2.2 | 1.2 | 131.5            | 32            | 1680       |
| YXR1616-06 | 10       | 0.3  | 35                | 0.6  | 0.3  | 14                | 36                 | 385                 | 2.7 | 1.5 | 200              | 50            | 2630       |
| YXR1616-07 | 12       | 0.3  | 42                | 0.6  | 0.3  | 16                | 41                 | 462                 | 3.2 | 1.8 | 298              | 70            | 3680       |
| YXR1616-08 | 13       | 0.4  | 45                | 0.7  | 0.4  | 18                | 47                 | 495                 | 3.5 | 2.0 | 350              | 80            | 4200       |
| YXR1616-09 | 14       | 0.45 | 49                | 0.75 | 0.45 | 20                | 48                 | 539                 | 3.8 | 2.0 | 406              | 92            | 4830       |
| YXR1616-10 | 16       | 0.5  | 56                | 0.9  | 0.5  | 22                | 58                 | 616                 | 4.3 | 2.5 | 520              | 125           | 6700       |
| YXR1616-11 | 18       | 0.8  | 63                | 1.0  | 0.5  | 24                | 65                 | 693                 | 4.7 | 2.8 | 650              | 160           | 8400       |
| YXR1616-12 | 20       | 1.0  | 70                | 1.1  | 0.6  | 27                | 72                 | 770                 | 5.4 | 3.2 | 820              | 200           | 10000      |
| YXR1616-13 | 23       | 1.2  | 80                | 1.3  | 0.7  | 31                | 83                 | 880                 | 6.2 | 3.5 | 1100             | 250           | 13000      |
| YXR1616-14 | 26       | 1.3  | 91                | 1.5  | 0.8  | 35                | 94                 | 1001                | 7.0 | 4.0 | 1400             | 320           | 16000      |



YXR1616

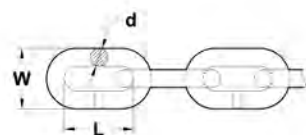


YXR1617

### USA STANDARD CHAIN WITH S HOOKS

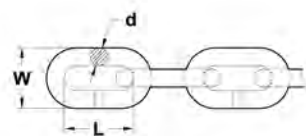
| ITEM NO.   | SIZE (IN.) | ASTM80  |           |           | NACM90  |           |           | NACM96  |           |           |
|------------|------------|---------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|
|            |            | WT (KG) | WL (LBS.) | BL (LBS.) | WT (KG) | WL (LBS.) | BL (LBS.) | WT (KG) | WL (LBS.) | BL (LBS.) |
| YXR1617-01 | 3/16 × 48  | 0.8     | 800       | 3200      | 0.8     | 800       | 3200      | 0.8     | 800       | 3200      |
| YXR1617-02 | 1/4 × 48   | 1.5     | 1330      | 5300      | 1.4     | 1300      | 5200      | 1.4     | 1300      | 5200      |
| YXR1617-03 | 5/16 × 48  | 2.2     | 2000      | 8000      | 1.9     | 1900      | 6800      | 2.2     | 1900      | 7600      |

### ENGLISH STANDARD ORDINARY LINK CHAIN (SHORT LINK)



YXR1618

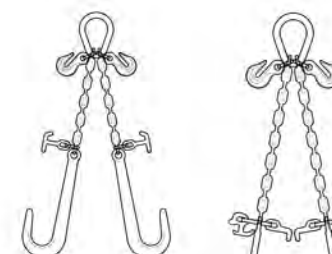
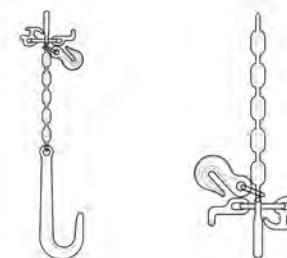
| ITEM NO.   | LINK SPECIFICATION |                   |                   |      | PROOF LOAD | BREAKING LOAD | NET WT PER 200 FT (KG) |        |
|------------|--------------------|-------------------|-------------------|------|------------|---------------|------------------------|--------|
|            | DIAMETER (D)       | INSIDE LENGTH (L) | OUTSIDE WIDTH (W) |      |            |               | B.F.                   | H.D.G. |
| YXR1618-01 | 1/8                | 3.20              | 16                | 12   | 200        | 400           | 11.4                   | 11.7   |
| YXR1618-02 | 5/32               | 4.00              | 18.5              | 14.5 | 300        | 600           | 18.6                   | 19.0   |
| YXR1618-03 | 3/16               | 4.70              | 19                | 17   | 400        | 800           | 26.2                   | 27.0   |
| YXR1618-04 | 7/32               | 5.50              | 20                | 19   | 550        | 1100          | 36.8                   | 38.0   |
| YXR1618-05 | 1/4                | 6.35              | 22                | 21   | 750        | 1500          | 50.0                   | 51.5   |
| YXR1618-06 | 5/16               | 7.94              | 26                | 26   | 1200       | 2400          | 80.0                   | 82.4   |
| YXR1618-07 | 3/8                | 9.50              | 28                | 32   | 1700       | 3400          | 122.0                  | 125.7  |
| YXR1618-08 | 7/16               | 11.11             | 33                | 36   | 2300       | 4600          | 164.0                  | 169.0  |
| YXR1618-09 | 1/2                | 12.70             | 39                | 43   | 3000       | 6000          | 210.0                  | 216.0  |
| YXR1618-10 | 5/8                | 15.80             | 45                | 53   | 4700       | 9400          | 334.0                  | 344.0  |
| YXR1618-11 | 3/4                | 19.00             | 55                | 63   | 6800       | 13600         | 485.0                  | 499.0  |
| YXR1618-12 | 7/8                | 22.20             | 64                | 74   | 9250       | 18500         | 656.0                  | 675.0  |
| YXR1618-13 | 1                  | 25.40             | 73                | 84   | 12150      | 24300         | 870.0                  | 896.0  |



YXR1619

### ENGLISH STANDARD ORDINARY LINK CHAIN (LONG LINK)

| ITEM NO.   | LINK SPECIFICATION |                   |                   |      | PROOF LOAD | BREAKING LOAD | NET WT PER 200 FT (KG) |        |
|------------|--------------------|-------------------|-------------------|------|------------|---------------|------------------------|--------|
|            | DIAMETER (D)       | INSIDE LENGTH (L) | OUTSIDE WIDTH (W) |      |            |               | B.F.                   | H.D.G. |
| YXR1619-01 | 1/8                | 3.20              | 23                | 12   | 200        | 400           | 10.4                   | 10.7   |
| YXR1619-02 | 5/32               | 4.00              | 27                | 15   | 300        | 600           | 16.6                   | 17.5   |
| YXR1619-03 | 3/16               | 4.70              | 31                | 17   | 400        | 800           | 22.4                   | 23.3   |
| YXR1619-04 | 7/32               | 5.50              | 32                | 19   | 550        | 1100          | 32.0                   | 33.0   |
| YXR1619-05 | 1/4                | 6.35              | 33                | 21   | 750        | 1500          | 43.5                   | 44.8   |
| YXR1619-06 | 5/16               | 7.94              | 48                | 31   | 1200       | 2400          | 68.0                   | 70.0   |
| YXR1619-07 | 3/8                | 9.50              | 60                | 37   | 1700       | 3400          | 96.0                   | 99.0   |
| YXR1619-08 | 7/16               | 11.11             | 71                | 41   | 2300       | 4600          | 126.0                  | 129.0  |
| YXR1619-09 | 1/2                | 12.70             | 85                | 48.5 | 3000       | 6000          | 167.0                  | 172.0  |
| YXR1619-10 | 5/8                | 15.80             | 114               | 61.5 | 4700       | 9400          | 256.0                  | 264.0  |
| YXR1619-11 | 3/4                | 19.00             | 125               | 75   | 6800       | 13600         | 381.0                  | 392.0  |
| YXR1619-12 | 7/8                | 22.20             | 140               | 88   | 9250       | 18500         | 527.0                  | 543.0  |
| YXR1619-13 | 1                  | 25.40             | 155               | 100  | 12150      | 24300         | 696.0                  | 716.0  |



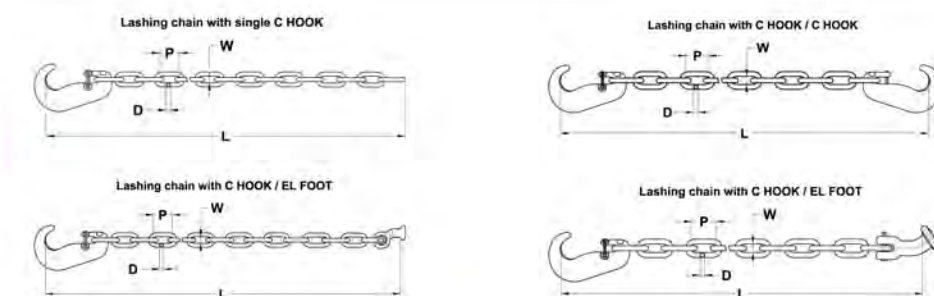
YXR1620

### TOW CHAIN

| ITEM NO.   | SIZE (IN.)  | ASTM1980 |          |          | NACM1990 |          |          | NACM1996/2010 |          |          | PC/ DRUM |
|------------|-------------|----------|----------|----------|----------|----------|----------|---------------|----------|----------|----------|
|            |             | WT (KG)  | WL (LBS) | BL (LBS) | WT (KG)  | WL (LBS) | BL (LBS) | WT (KG)       | WL (LBS) | BL (LBS) |          |
| GRADE 43   |             |          |          |          |          |          |          |               |          |          |          |
| YXR1620-01 | 1/4 × 14FT  | 5.0      | 2600     | 7750     | 4.5      | 2600     | 7500     | 4.5           | 2600     | 7800     | 50       |
| YXR1620-02 | 1/4 × 16FT  | 6.0      | 2600     | 7750     | 5.0      | 2600     | 7500     | 5.0           | 2600     | 7800     | 40       |
| YXR1620-03 | 5/16 × 14FT | 7.5      | 3900     | 11600    | 6.0      | 3900     | 9700     | 7.0           | 3900     | 11700    | 35       |
| YXR1620-04 | 5/16 × 16FT | 8.5      | 3900     | 11600    | 6.5      | 3900     | 9700     | 8.0           | 3900     | 11700    | 30       |
| YXR1620-05 | 5/16 × 18FT | 9.5      | 3900     | 11600    | 7.5      | 3900     | 9700     | 9.0           | 3900     | 11700    | 30       |
| YXR1620-06 | 5/16 × 20FT | 10.5     | 3900     | 11600    | 8.0      | 3900     | 9700     | 9.5           | 3900     | 11700    | 25       |
| YXR1620-07 | 5/16 × 25FT | 13.0     | 3900     | 11600    | 10.0     | 3900     | 9700     | 12.0          | 3900     | 11700    | 20       |
| YXR1620-08 | 5/16 × 30FT | 15.5     | 3900     | 11600    | 12.0     | 3900     | 9700     | 14.0          | 3900     | 11700    | 20       |
| YXR1620-09 | 3/8 × 14FT  | 10.5     | 5400     | 16200    | 9.5      | 5400     | 15200    | 10.0          | 5400     | 16200    | 25       |
| YXR1620-10 | 3/8 × 16FT  | 12.0     | 5400     | 16200    | 11.0     | 5400     | 15200    | 11.5          | 5400     | 16200    | 25       |
| YXR1620-11 | 3/8 × 20FT  | 15.0     | 5400     | 16200    | 13.5     | 5400     | 15200    | 13.5          | 5400     | 16200    | 20       |
| YXR1620-12 | 3/8 × 25FT  | 18.5     | 5400     | 16200    | 16.5     | 5400     | 15200    | 17.5          | 5400     | 16200    | 15       |
| YXR1620-13 | 3/8 × 30FT  | 27.0     | 9200     | 27600    | 23.5     | 9200     | 25700    | 24.7          | 9200     | 27600    | 10       |
| GRADE 70   |             |          |          |          |          |          |          |               |          |          |          |
| YXR1620-14 | 1/4 × 14FT  | 5.0      | 3150     | 12600    | 4.5      | 3150     | 12100    | 4.0           | 3150     | 12600    | 50       |
| YXR1620-15 | 1/4 × 16FT  | 6.0      | 3150     | 12600    | 5.0      | 3150     | 12100    | 5.0           | 3150     | 12600    | 40       |
| YXR1620-16 | 5/16 × 14FT | 7.5      | 4700     | 18800    | 6.0      | 4700     | 18800    | 7.0           | 4700     | 18800    | 35       |
| YXR1620-17 | 5/16 × 16FT | 8.5      | 4700     | 18800    | 6.5      | 4700     | 18800    | 8.0           | 4700     | 18800    | 30       |
| YXR1620-18 | 5/16 × 18FT | 9.5      | 4700     | 18800    | 7.5      | 4700     | 18800    | 9.0           | 4700     | 18800    | 30       |
| YXR1620-19 | 5/16 × 20FT | 10.5     | 4700     | 18800    | 8.0      | 4700     | 18800    | 10.0          | 4700     | 18800    | 25       |
| YXR1620-20 | 5/16 × 25FT | 13.0     | 4700     | 18800    | 10.0     | 4700     | 18800    | 12.0          | 4700     | 18800    | 20       |
| YXR1620-21 | 5/16 × 30FT | 15.5     | 4700     | 18800    | 12.0     | 4700     | 18800    | 14.5          | 4700     | 18800    | 20       |
| YXR1620-22 | 3/8 × 14FT  | 10.5     | 6600     | 26400    | 9.5      | 6600     | 24700    | 10.0          | 6600     | 26400    | 25       |
| YXR1620-23 | 3/8 × 16FT  | 12.0     | 6600     | 26400    | 11.0     | 6600     | 24700    | 11.5          | 6600     | 26400    | 20       |
| YXR1620-24 | 3/8 × 20FT  | 15.0     | 6600     | 26400    | 13.5     | 6600     | 24700    | 14.5          | 6600     | 26400    | 20       |
| YXR1620-25 | 3/8 × 25FT  | 18.5     | 6600     | 26400    | 16.5     | 6600     | 24700    | 18.0          | 6600     | 26400    | 15       |
| YXR1620-26 | 1/2 × 20FT  | 26.0     | 11300    | 26400    | 23       | 11300    | 45200    | 24.5          | 11300    | 45200    | 10       |
| YXR1620-27 | 1/2 × 25FT  | 32.5     | 11300    | 45200    | 28       | 11300    | 41800    | 30            | 11300    | 45200    | 8        |



YXR1621

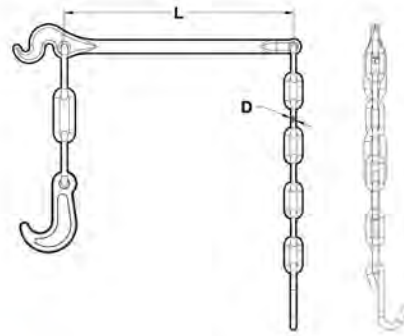


### CONTAINER LASHING CHAIN

| ITEM NO.   | DIA (MM) | P (MM) | W (MM) | B.L. (KN) | WEIGHT/M (KG) |
|------------|----------|--------|--------|-----------|---------------|
| YXR1621-01 | 13       | 80     | 22     | 200       | 3             |
| YXR1621-02 | 11       | 65     | 20     | 150       | 2.2           |
| YXR1621-03 | 9        | 56     | 15     | 100       | 1.6           |



YXR1622

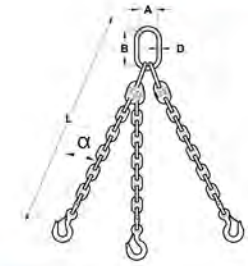


### TENSION LEVER

| ITEM NO.   | DIA (MM) | L (MM) | D (MM) | B.L. (KN) | WEIGHT/M (KG) |
|------------|----------|--------|--------|-----------|---------------|
| YXR1622-01 | 13       | 485    | 14     | 200       | 6             |
| YXR1622-02 | 11       | 496    | 13     | 150       | 4.5           |
| YXR1622-03 | 9        | 480    | 12     | 100       | 4             |



YXR1625



### G80 THREE LEGS CHAIN SLING

| ITEM NO.   | CHAIN DIA (MM) | WLL (T)                |                                   | MASTER LINK (MM)<br>AxBxD | WEIGHT /MTR (KG) | CHAIN WEIGHT (KG/M) |
|------------|----------------|------------------------|-----------------------------------|---------------------------|------------------|---------------------|
|            |                | $\alpha \leq 45^\circ$ | $45^\circ < \alpha \leq 60^\circ$ |                           |                  |                     |
| YXR1625-01 | 6              | 2.1                    | 1.5                               | 80x150x20                 | 5.79             | 0.79                |
| YXR1625-02 | 8              | 3.1                    | 2.2                               | 90x160x24                 | 9.66             | 1.38                |
| YXR1625-03 | 10             | 5.2                    | 3.7                               | 100x190x28                | 18.47            | 2.20                |
| YXR1625-04 | 12             | 7.3                    | 5.2                               | 100x190x28                | 26.34            | 3.10                |
| YXR1625-05 | 14             | 10.5                   | 7.5                               | 120x230x34                | 32.04            | 4.13                |
| YXR1625-06 | 16             | 12.6                   | 9.0                               | 135x250x38                | 41.66            | 5.63                |



YXR1623

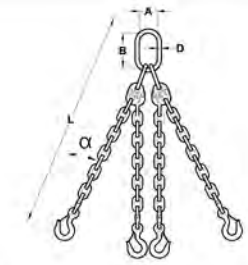


### G80 ONE LEG CHAIN SLING

| ITEM NO.   | CHAIN DIA (MM) | WLL (T) | MASTER LINK (MM)<br>AxBxD | WEIGHT /MTR (KG) | CHAIN WEIGHT (KG/M) |
|------------|----------------|---------|---------------------------|------------------|---------------------|
|            |                |         |                           |                  |                     |
| YXR1623-01 | 6              | 1.0     | 65x130x12                 | 1.88             | 0.79                |
| YXR1623-02 | 8              | 1.5     | 65x130x16                 | 3.07             | 1.38                |
| YXR1623-03 | 10             | 2.5     | 80x150x20                 | 5.96             | 2.20                |
| YXR1623-04 | 12             | 3.5     | 90x160x24                 | 9.03             | 3.10                |
| YXR1623-05 | 14             | 5.0     | 90x160x24                 | 10.09            | 4.13                |
| YXR1623-06 | 16             | 6.0     | 100x190x28                | 14.25            | 5.63                |



YXR1626

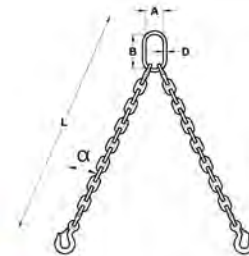


### G80 FOUR LEGS CHAIN SLING

| ITEM NO.   | CHAIN DIA (MM) | WLL (T)                |                                   | MASTER LINK (MM)<br>AxBxD | WEIGHT /MTR (KG) | CHAIN WEIGHT (KG/M) |
|------------|----------------|------------------------|-----------------------------------|---------------------------|------------------|---------------------|
|            |                | $\alpha \leq 45^\circ$ | $45^\circ < \alpha \leq 60^\circ$ |                           |                  |                     |
| YXR1626-01 | 6              | 2.1                    | 1.5                               | 80x150x20                 | 7.33             | 0.79                |
| YXR1626-02 | 8              | 3.1                    | 2.2                               | 90x160x24                 | 12.21            | 1.38                |
| YXR1626-03 | 10             | 5.2                    | 3.7                               | 100x190x28                | 23.42            | 2.20                |
| YXR1626-04 | 12             | 7.3                    | 5.2                               | 100x190x28                | 33.77            | 3.10                |
| YXR1626-05 | 14             | 10.5                   | 7.5                               | 120x230x34                | 40.54            | 4.13                |
| YXR1626-06 | 16             | 12.6                   | 9.0                               | 135x250x38                | 53.51            | 5.63                |



YXR1624

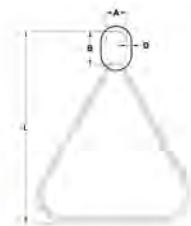


### G80 TWO LEGS CHAIN SLING

| ITEM NO.   | CHAIN DIA (MM) | WLL (T)                |                                   | MASTER LINK (MM)<br>AxBxD | WEIGHT /MTR (KG) | CHAIN WEIGHT (KG/M) |
|------------|----------------|------------------------|-----------------------------------|---------------------------|------------------|---------------------|
|            |                | $\alpha \leq 45^\circ$ | $45^\circ < \alpha \leq 60^\circ$ |                           |                  |                     |
| YXR1624-01 | 6              | 1.568                  | 1.12                              | 60x110x13                 | 3.80             | 0.79                |
| YXR1624-02 | 8              | 2.8                    | 2.0                               | 75x135x18                 | 6.93             | 1.38                |
| YXR1624-03 | 10             | 4.41                   | 3.15                              | 90x160x22                 | 11.40            | 2.12                |
| YXR1624-04 | 13             | 7.42                   | 5.3                               | 100x180x26                | 19.30            | 3.80                |
| YXR1624-05 | 16             | 10.92                  | 7.8                               | 110x200x32                | 31.20            | 5.63                |



YXR1627



### G80 ONE LEG CHOKER CHAIN SLING

| ITEM NO.   | CHAIN DIA (MM) | WLL (T)                |                                   | MASTER LINK (MM)<br>AxBxD | WEIGHT /MTR (KG) | CHAIN WEIGHT (KG/M) |
|------------|----------------|------------------------|-----------------------------------|---------------------------|------------------|---------------------|
|            |                | $\alpha \leq 45^\circ$ | $45^\circ < \alpha \leq 60^\circ$ |                           |                  |                     |
| YXR1627-01 | 6              | 1.12                   | 0.8                               | 65x130x16                 | 1.50             | 0.79                |
| YXR1627-02 | 8              | 1.68                   | 1.2                               | 65x130x16                 | 2.25             | 1.38                |
| YXR1627-03 | 10             | 2.80                   | 2.0                               | 80x150x20                 | 3.98             | 2.20                |
| YXR1627-04 | 12             | 3.92                   | 2.8                               | 90x160x24                 | 5.98             | 3.10                |
| YXR1627-05 | 14             | 5.60                   | 4.0                               | 100x190x28                | 8.75             | 4.13                |
| YXR1627-06 | 16             | 6.72                   | 4.8                               | 100x190x28                | 11.13            | 5.63                |

## EXAMPLE OF CHAIN SLINGS



## EXAMPLE OF WIRE ROPE SLING & WEB SLING



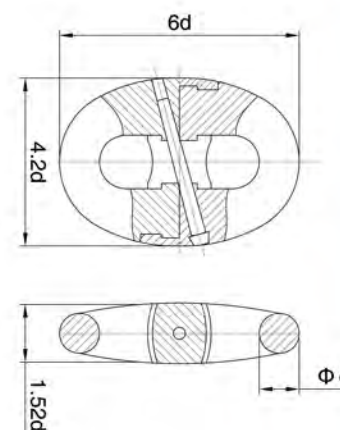
# MARINE OUTFITTINGS

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

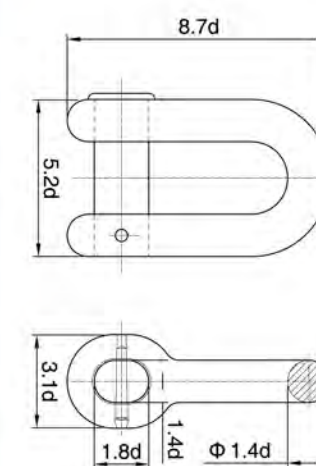
## DRAWING OF PRODUCTS



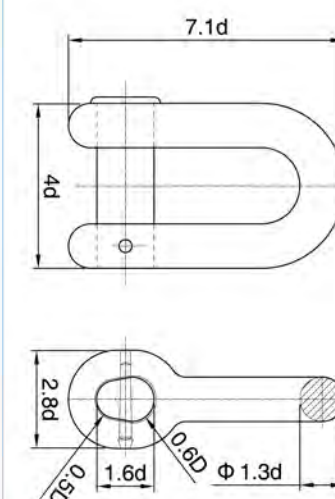
KENTER SHACKLE = KS



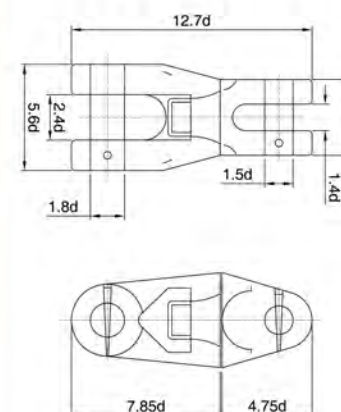
ANCHOR SHACKLE = A.S



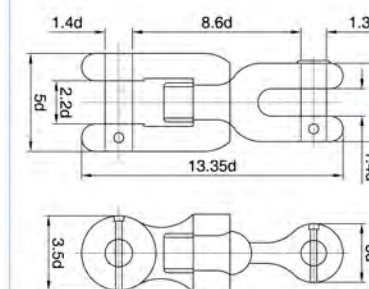
JOINING SHACKLE = JS



ANCHOR SWIVEL SHACKLE  
(a) = A.SW.Sb(a)



ANCHOR SWIVEL SHACKLE  
(b) = A.SW.Sb(b)



Buoy Shackle Type "A"



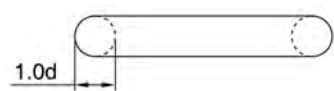
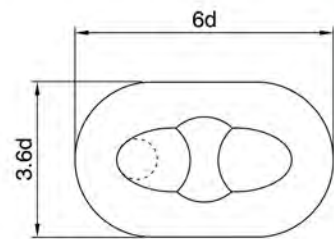
Buoy Shackle Type "B"

## DRAWING OF PRODUCTS

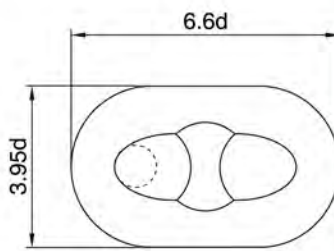
## DRAWING OF PRODUCTS



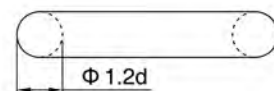
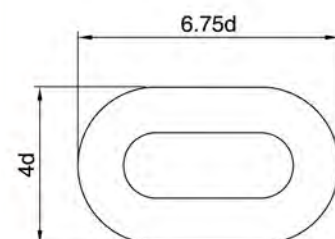
COMMON LINK = C



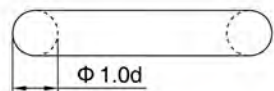
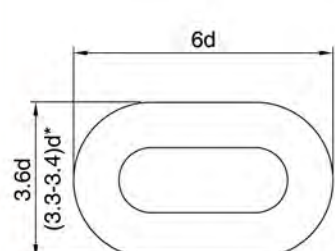
ENLARGED LINK = EL



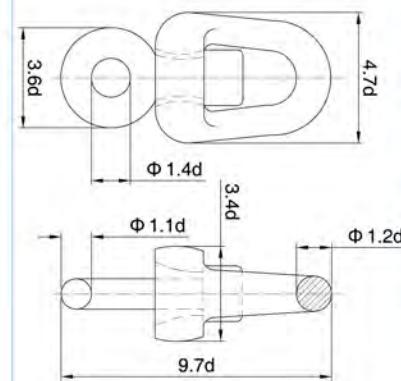
END LINK = E



STUDLESS LINK = SL



SWIVEL = SW



PEAR SHAPED LINK



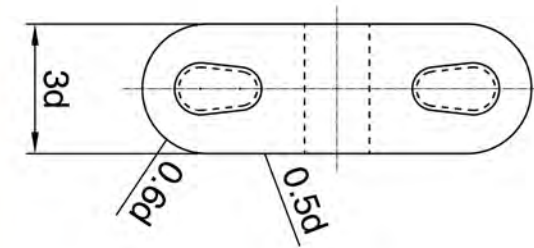
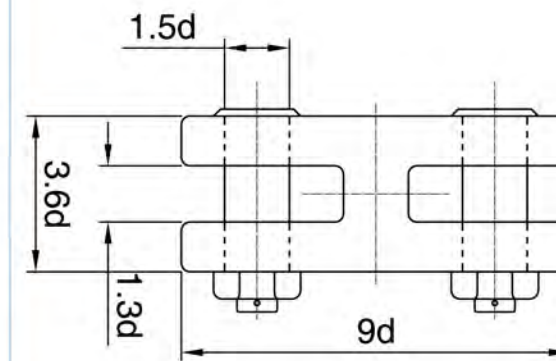
TRIANGLE PLATE = TP



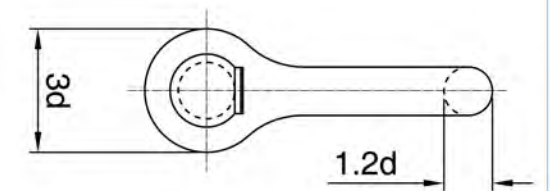
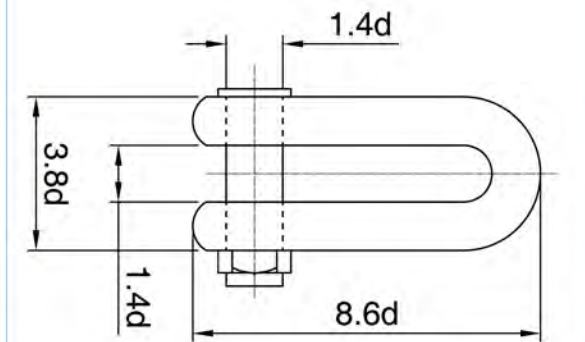
ROUND LINK = RL



LTM H-TYPE JOINING SHACKLE = LTM HJS



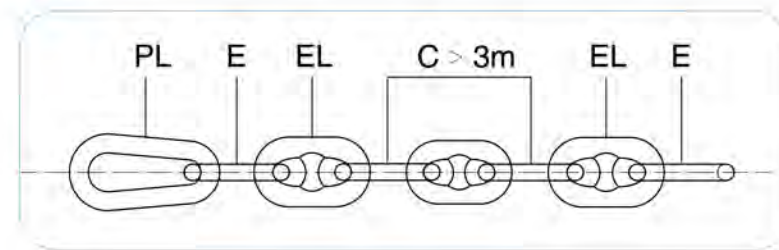
LTM END JOINING SHACKLE = LTM EJS



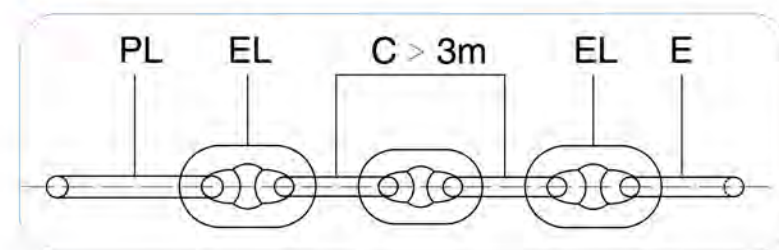
PEAR SHAPED KENTER SHACKLE

## DRAWING OF PRODUCTS

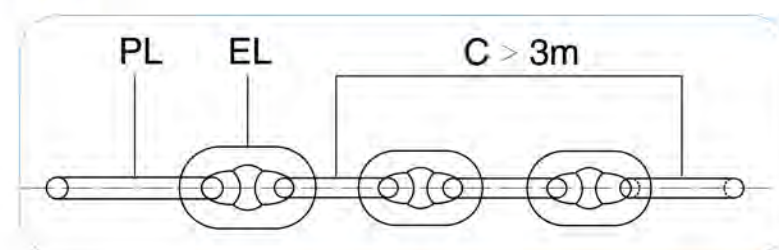
22cc



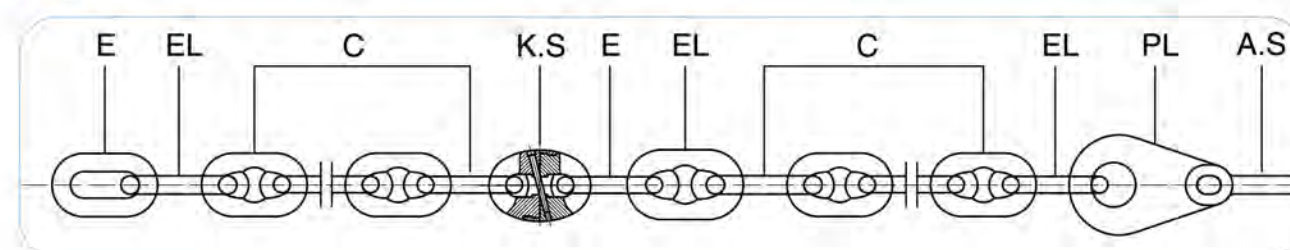
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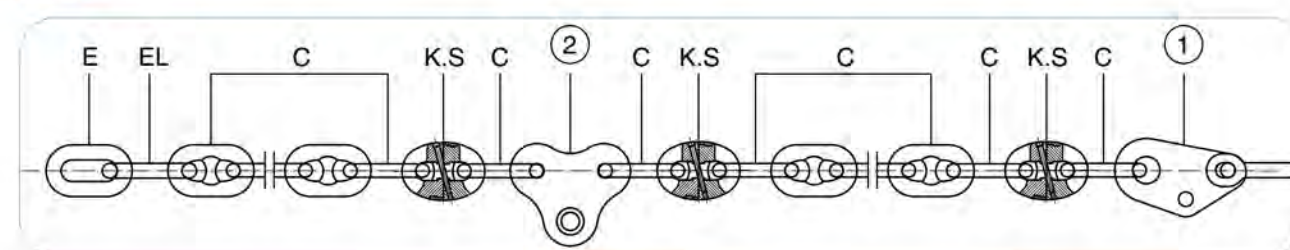
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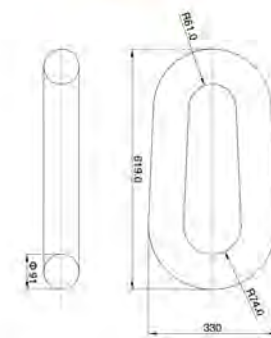
25cc



26cc



Φ76PL



Φ54PL



①

②

## TEST LOAD OF ANCHOR CHAIN AND ACCESSORIES & MOORING CHAIN

| DIA.<br>OF<br>CHAIN | ANCHOR CHAIN                                |                |                |                |               |                | OFFSHORE MOORING CHAIN |                |                |                   |                |                |                |                |                |    |               |
|---------------------|---------------------------------------------|----------------|----------------|----------------|---------------|----------------|------------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|----|---------------|
|                     | ABS,BV,CCS,CR,DNV,GL,<br>KR,LR,NK,RINA,RMRS |                |                |                |               |                | API                    |                | ABS            | DNV/<br>ABS       | ABS/<br>DNV    | ABS/DNV        |                |                | ABS/DNV        |    |               |
|                     |                                             |                |                |                |               |                |                        |                | C/EL<br>/E     | C/EL/<br>SL<br>SL | C/EL/<br>E/SL  | C/<br>EL/E     | SL             | C/EL/<br>E/SL  | C/EL/<br>E     | SL | C/EL/<br>E/SL |
|                     | GRADE 2                                     |                | GRADE 3        |                | OPQ           |                | RQ3                    | NVR3/<br>RQ3   | NVR3/<br>RQ3   | RQ3S/NVR3S        |                |                | RQ4/NVR4       |                |                |    |               |
|                     | PL<br>C=0.098                               | BL<br>C=0.0137 | PL<br>C=0.0137 | BL<br>C=0.0196 | PL<br>C=0.014 | BL<br>C=0.0211 | PL<br>C=0.0148         | PL<br>C=0.0148 | BL<br>C=0.0223 | PL<br>C=0.0180    | PL<br>C=0.0174 | BL<br>C=0.0249 | PL<br>C=0.0216 | PL<br>C=0.0192 | BL<br>C=0.0274 |    |               |
| MM                  | KN                                          | KN             | KN             | KN             | KN            | KN             | KN                     | KN             | KN             | KN                | KN             | KN             | KN             | KN             | KN             |    |               |
| 12.5                | 66                                          | 92             | 92             | 132            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 14                  | 82                                          | 116            | 116            | 165            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 16                  | 107                                         | 150            | 150            | 216            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 17.5                | 127                                         | 179            | 179            | 256            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 19                  | 150                                         | 211            | 211            | 301            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 20.5                | 175                                         | 244            | 244            | 349            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 22                  | 200                                         | 280            | 280            | 401            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 24                  | 237                                         | 332            | 332            | 476            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 26                  | 278                                         | 389            | 389            | 556            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 28                  | 321                                         | 449            | 449            | 642            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 30                  | 368                                         | 514            | 514            | 735            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 32                  | 417                                         | 583            | 593            | 833            |               |                |                        |                |                |                   |                |                |                |                |                |    |               |
| 34                  | 468                                         | 655            | 655            | 937            | 668           | 1007           | 706                    | 745            | 1064           | 859               | 831            | 1188           | 1031           | 916            | 1308           |    |               |
| 36                  | 523                                         | 732            | 732            | 1050           | 746           | 1124           | 789                    | 832            | 1189           | 960               | 928            | 1327           | 1151           | 1022           | 1460           |    |               |
| 38                  | 581                                         | 812            | 812            | 1160           | 828           | 1248           | 876                    | 923            | 1319           | 1065              | 1029           | 1473           | 1278           | 1135           | 1621           |    |               |
| 40                  | 640                                         | 896            | 896            | 1280           | 914           | 1376           | 967                    | 1019           | 1456           | 1176              | 1136           | 1626           | 1411           | 1253           | 1789           |    |               |
| 42                  | 703                                         | 981            | 981            | 1400           | 999           | 1513           | 1056                   | 1114           | 1592           | 1285              | 1242           | 1777           | 1542           | 1370           | 1956           |    |               |
| 44                  | 768                                         | 1080           | 1080           | 1540           | 1097          | 1654           | 1160                   | 1223           | 1748           | 1411              | 1364           | 1951           | 1693           | 1503           | 2147           |    |               |
| 46                  | 837                                         | 1170           | 1170           | 1680           | 1194          | 1800           | 1263                   | 1331           | 1902           | 1535              | 1484           | 2124           | 1843           | 1636           | 2337           |    |               |
| 48                  | 908                                         | 1270           | 1270           | 1810           | 1295          | 1952           | 1369                   | 1443           | 2063           | 1665              | 1610           | 2304           | 2037           | 1775           | 2535           |    |               |
| 50                  | 981                                         | 1370           | 1370           | 1960           | 1400          | 2110           | 1480                   | 1561           | 2230           | 1800              | 1743           | 2490           | 2160           | 1918           | 2740           |    |               |
| 52                  | 1060                                        | 1480           | 1480           | 2110           | 1508          | 2273           | 1594                   | 1682           | 2402           | 1939              | 1877           | 2682           | 2327           | 2066           | 2952           |    |               |
| 54                  | 1140                                        | 1590           | 1590           | 2270           | 1620          | 2441           | 1712                   | 1806           | 2580           | 2083              | 2017           | 2881           | 2499           | 2219           | 3170           |    |               |
| 56                  | 1220                                        | 1710           | 1710           | 2430           | 1735          | 2615           | 1834                   | 1935           | 2764           | 2231              | 2160           | 3086           | 2677           | 2378           | 3396           |    |               |
| 58                  | 1290                                        | 1810           | 1810           | 2600           | 1851          | 2794           | 1960                   | 2068           | 2953           | 2383              | 2308           | 3297           | 2860           | 2540           | 3628           |    |               |
| 60                  | 1380                                        | 1940           | 1940           | 2770           | 1976          | 2978           | 2089                   | 2203           | 3147           | 2540              | 2460           | 3514           | 3048           | 2708           | 3867           |    |               |
| 62                  | 1470                                        | 2060           | 2060           | 2940           | 2101          | 3166           | 2221                   | 2343           | 3347           | 2701              | 2616           | 3737           | 3242           | 2879           | 4112           |    |               |
| 64                  | 1560                                        | 2190           | 2190           | 3130           | 2230          | 3360           | 2357                   | 2486           | 3551           | 2867              | 2776           | 3965           | 3440           | 3055           | 4364           |    |               |
| 66                  | 1660                                        | 2310           | 2310           | 3300           | 2361          | 3559           | 2496                   | 2633           | 3761           | 3036              | 2940           | 4200           | 3643           | 3235           | 4621           |    |               |
| 68                  | 1750                                        | 2450           | 2450           | 3500           | 2496          | 3762           | 2639                   | 2784           | 3976           | 3209              | 3108           | 4440           | 3851           | 3420           | 4885           |    |               |
| 70                  | 1840                                        | 2580           | 2580           | 3690           | 2631          | 3970           | 2785                   | 2938           | 4196           | 3387              | 3289           | 4685           | 4064           | 3610           | 5156           |    |               |
| 73                  | 1990                                        | 2790           | 2790           | 3990           | 2847          | 4291           | 3010                   | 3175           | 4535           | 3660              | 3545           | 5064           | 4392           | 3900           | 5572           |    |               |
| 76                  | 2150                                        | 3010           | 3010           | 4300           | 3066          | 4621           | 3242                   | 3419           | 4884           | 3942              | 3818           | 5454           | 4731           | 4206           | 6001           |    |               |
| 78                  | 2260                                        | 3160           | 3160           | 4500           | 3216          | 4847           | 3400                   | 3587           | 5123           | 4135              | 4004           | 5720           | 4962           | 4411           | 6295           |    |               |
| 81                  | 2410                                        | 3380           | 3380           | 4820           | 3446          | 5194           | 3643                   | 3843           | 5490           | 4431              | 4291           | 6130           | 5317           | 4727           | 6745           |    |               |
| 84                  | 2580                                        | 3610           | 3610           | 5160           | 3683          | 5550           | 3893                   | 4107           | 5866           | 4725              | 4585           | 6550           | 5682           | 5051           | 7208           |    |               |
| 87                  | 2750                                        | 3850           | 3850           | 5500           | 3925          | 5916           | 4149                   | 4377           | 6252           | 5046              | 4887           | 6981           | 6056           | 5383           | 7682           |    |               |
| 90                  | 2920                                        | 4090           | 4090           | 5840           | 4173          | 6289           | 4412                   | 4653           | 6647           | 5365              | 5196           | 7422           | 6439           | 5724           | 8167           |    |               |
| 92                  | 3040                                        | 4260           | 4260           | 6080           | 4242          | 6544           | 4590                   | 4842           | 6916           | 5582              | 5405           | 7722           | 6699           | 5955           | 8497           |    |               |

TEST LOAD OF ANCHOR CHAIN AND ACCESSORIES & MOORING CHAIN

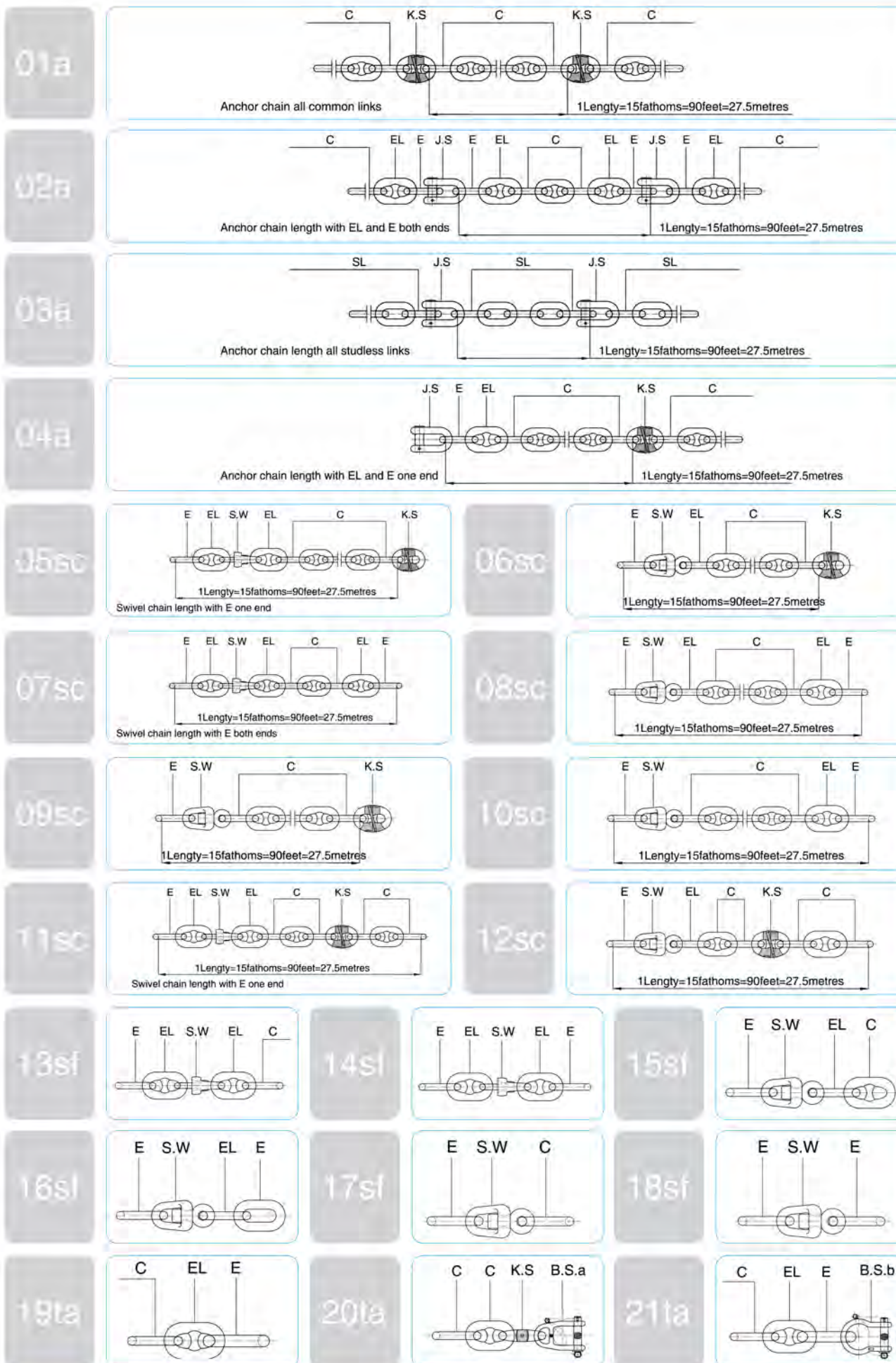
| ANCHOR CHAIN        |                                             |                |                |                |               |                | OFFSHORE MOORING CHAIN |                |                     |                |                |                |                |                |                |               |
|---------------------|---------------------------------------------|----------------|----------------|----------------|---------------|----------------|------------------------|----------------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| DIA.<br>OF<br>CHAIN | ABS,BV,CCS,CR,DNV,GL,<br>KR,LR,NK,RINA,RMRS |                |                |                |               |                | API                    | ABS            | DNV/<br>ABS         | ABS/<br>DNV    | ABS/DNV        |                |                | ABS/DNV        |                |               |
|                     |                                             |                |                |                |               |                |                        | C/EL<br>/E     | C/EL/E/<br>SL<br>SL | C/EL/<br>E/SL  | C/<br>EL/E     | SL             | C/EL/<br>E/SL  | C/EL/<br>E     | SL             | C/EL/<br>E/SL |
|                     | GRADE 2                                     |                | GRADE 3        |                | OPQ           |                | RQ3                    | NVR3/<br>RQ3   | NVR3/<br>RQ3        | RQ3S/NVR3S     |                |                | RQ4/NVR4       |                |                |               |
|                     | PL<br>C=0.098                               | BL<br>C=0.0137 | PL<br>C=0.0137 | BL<br>C=0.0196 | PL<br>C=0.014 | BL<br>C=0.0211 | PL<br>C=0.0148         | PL<br>C=0.0148 | BL<br>C=0.0223      | PL<br>C=0.0180 | PL<br>C=0.0174 | BL<br>C=0.0249 | PL<br>C=0.0216 | PL<br>C=0.0192 | BL<br>C=0.0274 |               |
|                     | MM                                          | KN             | KN             | KN             | KN            | KN             | KN                     | KN             | KN                  | KN             | KN             | KN             | KN             | KN             | KN             | KN            |
| 95                  | 3230                                        | 4510           | 4510           | 6440           | 4599          | 6932           | 4862                   | 5128           | 7326                | 5913           | 5726           | 8180           | 7096           | 6308           | 9001           |               |
| 97                  | 3340                                        | 4680           | 4680           | 6690           | 4774          | 7195           | 5047                   | 5323           | 7604                | 6138           | 5943           | 8490           | 7365           | 6547           | 9343           |               |
| 100                 | 3530                                        | 4940           | 4940           | 7060           | 5040          | 7596           | 5328                   | 5620           | 8028                | 6480           | 6275           | 8964           | 7776           | 6912           | 9864           |               |
| 102                 | 3660                                        | 5120           | 5120           | 7320           | 5220          | 7868           | 5519                   | 5821           | 8315                | 6712           | 6500           | 9285           | 8054           | 7160           | 10217          |               |
| 105                 | 3850                                        | 5390           | 5390           | 7700           | 5495          | 8282           | 5809                   | 6128           | 8753                | 7065           | 6842           | 9773           | 8478           | 7536           | 10754          |               |
| 107                 | 3980                                        | 5570           | 5570           | 7960           | 5681          | 8561           | 6005                   | 6334           | 9048                | 7304           | 7072           | 10103          | 8764           | 7791           | 11118          |               |
| 111                 | 4250                                        | 5940           | 5940           | 8480           | 6058          | 9130           | 6401                   | 6755           | 9650                | 7789           | 7543           | 10775          | 9347           | 8309           | 11856          |               |
| 114                 | 4440                                        | 6230           | 6230           | 8890           | 6346          | 9565           | 6709                   | 7077           | 10109               | 8159           | 7901           | 11287          | 9791           | 8704           | 12420          |               |
| 117                 | 4650                                        | 6510           | 6510           | 9300           | 6639          | 10005          | 7018                   | 7402           | 10574               | 8535           | 8265           | 11807          | 10242          | 9105           | 12993          |               |
| 120                 | 4850                                        | 6810           | 6810           | 9720           | 6953          | 10452          | 7331                   | 7733           | 11047               | 8916           | 8634           | 12334          | 10700          | 9511           | 13573          |               |
| 122                 | 5000                                        | 7000           | 7000           | 9990           | 7135          | 10753          | 7542                   | 7956           | 11365               | 9173           | 8883           | 12690          | 11008          | 9785           | 13964          |               |
| 124                 | 5140                                        | 7200           | 7200           | 10280          | 7336          | 11057          | 7755                   | 8175           | 11688               | 9433           | 9134           | 13048          | 11319          | 10062          | 14358          |               |
| 127                 | 5350                                        | 7490           | 7490           | 10710          | 7641          | 11516          | 8078                   | 8515           | 12172               | 9825           | 9514           | 13951          | 11790          | 10480          | 14955          |               |
| 130                 | 5570                                        | 7800           | 7800           | 11140          | 7950          | 11981          | 8404                   | 8858           | 12663               | 10222          | 9898           | 14140          | 12266          | 10903          | 15559          |               |
| 132                 | 5720                                        | 8000           | 8000           | 11420          | 8157          | 12294          | 8623                   | 9090           | 12994               | 10488          | 10157          | 14509          | 12586          | 11187          | 15965          |               |
| 137                 | 6080                                        | 8510           | 8510           | 12160          | 8682          | 13085          | 9178                   | 9674           | 13829               | 11163          | 10809          | 15442          | 13395          | 11907          | 16992          |               |
| 142                 | 6450                                        | 9030           | 9030           | 12910          | 9214          | 13887          | 9740                   | 10268          | 14677               | 11847          | 11472          | 16389          | 14217          | 12637          | 18034          |               |
| 147                 | 6840                                        | 9560           | 9560           | 13660          | 9753          | 14670          | 10310                  | 10869          | 15536               | 12540          | 12144          | 17348          | 15049          | 13377          | 19089          |               |
| 152                 | 7220                                        | 10100          | 10100          | 14430          | 10299         | 15522          | 10887                  | 11477          | 16405               | 13242          | 12823          | 18318          | 15890          | 14125          | 20157          |               |
| 157                 | 7600                                        | 10640          | 10640          | 15200          | 11126         | 16768          | 11762                  | 12090          | 17282               | 13950          | 13508          | 19297          | 16740          | 14880          | 21234          |               |
| 162                 | 7990                                        | 11180          | 11180          | 15980          | 11405         | 17189          | 12057                  | 12708          | 18166               | 14663          | 14199          | 20284          | 17596          | 15641          | 22320          |               |

NOTE: TEST LOAD=( $\pi \times d^2 \times 4 \times 0.08 \times \sigma$ )

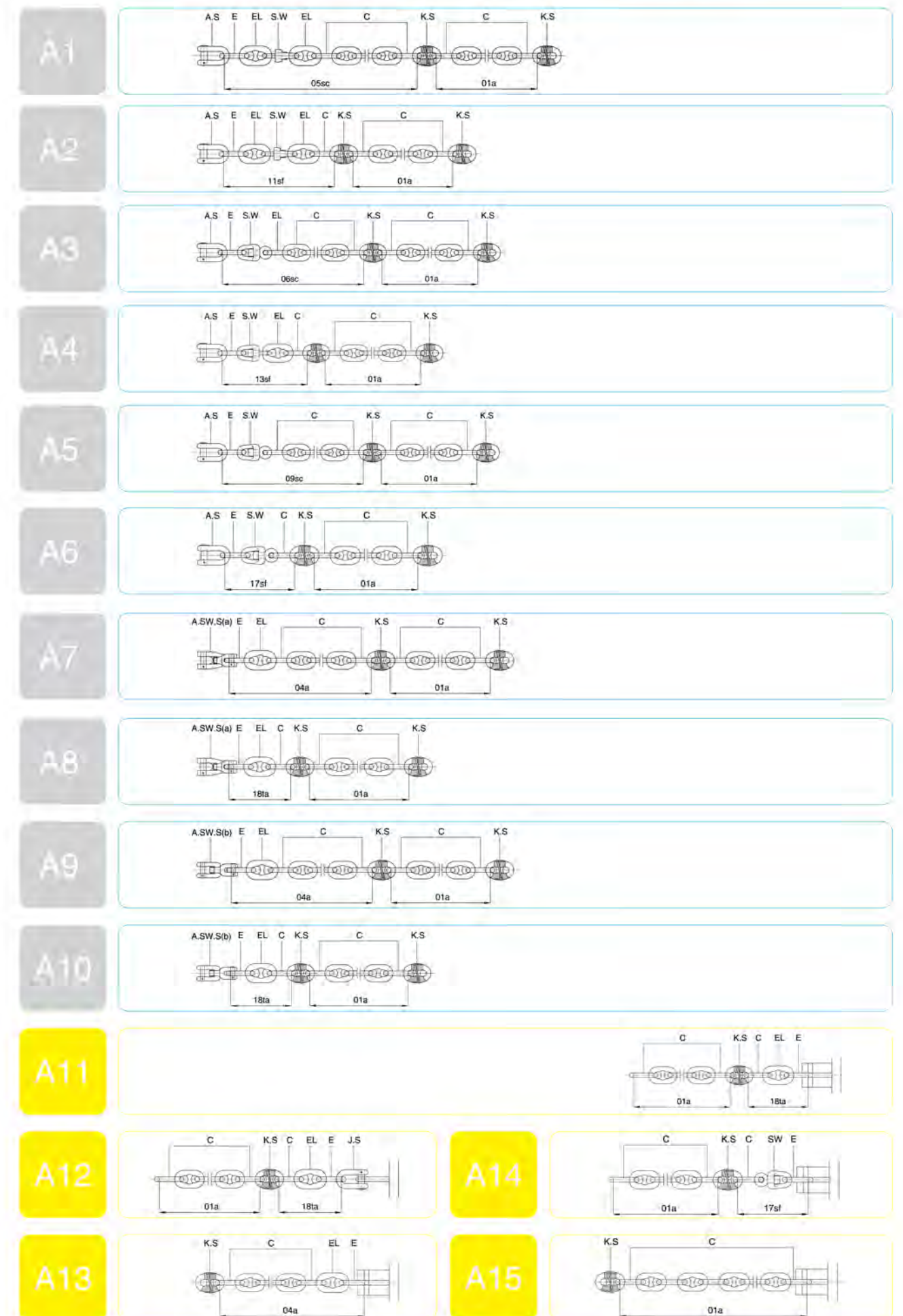
TEST LOAD OF STUDLESS CHAIN

| DIAMETER<br>OF<br>CHAIN | GRADE 1 |        | GRADE 2 |        | GRADE 3 |         | APPROX.<br>MASS<br>(22.5M) |
|-------------------------|---------|--------|---------|--------|---------|---------|----------------------------|
|                         | PL      | BL     | PL      | BL     | PL      | BL      |                            |
| MM                      | KN      | KN     | KN      | KN     | KN      | KN      | KG                         |
| 6                       | 6.62    | 13.32  | 9.30    | 18.60  |         |         | 21.45                      |
| 7                       | 9.02    | 18.13  | 12.60   | 25.20  |         |         | 29.15                      |
| 8                       | 11.78   | 23.68  | 16.50   | 33.00  |         |         | 38.23                      |
| 9                       | 14.90   | 29.97  | 20.90   | 41.80  |         |         | 48.40                      |
| 10                      | 18.40   | 37.00  | 25.80   | 51.60  |         |         | 59.68                      |
| 11                      | 22.26   | 44.70  | 31.20   | 62.40  |         |         | 72.33                      |
| 12.5                    | 28.75   | 57.81  | 41.20   | 82.60  |         |         | 93.5                       |
| 14                      | 34.78   | 69.93  | 51.00   | 101.90 |         |         | 117.15                     |
| 16                      | 47.10   | 94.72  | 66.20   | 132.30 | 92.42   | 184.83  | 152.9                      |
| 17.5                    | 56.35   | 113.31 | 78.89   | 157.78 | 110.55  | 221.10  | 182.8                      |
| 19                      | 66.42   | 133.57 | 93.60   | 187.20 | 130.32  | 260.64  | 249.5                      |
| 20.5                    | 77.33   | 155.49 | 108.64  | 217.27 | 151.70  | 303.42  | 275.4                      |
| 22                      | 89.06   | 179.08 | 125.40  | 250.90 | 174.40  | 349.40  | 328.6                      |
| 24                      | 105.98  | 213.25 | 149.90  | 298.90 | 207.90  | 415.80  | 385.0                      |
| 26                      | 124.38  | 250.12 | 175.40  | 350.80 | 244.00  | 488.80  | 449.1                      |
| 28                      | 144.26  | 290.08 | 203.80  | 406.70 | 283.00  | 566.00  | 516.7                      |
| 30                      | 165.60  | 333.00 | 234.20  | 467.50 | 324.90  | 649.80  | 589.4                      |
| 32                      | 188.42  | 378.88 | 265.60  | 531.20 | 369.60  | 739.30  | 664.6                      |
| 34                      | 212.70  | 427.72 | 299.90  | 599.80 | 417.30  | 834.60  | 752.9                      |
| 36                      | 238.46  | 479.52 | 336.10  | 672.30 | 467.80  | 935.70  | 861.2                      |
| 38                      | 265.70  | 534.28 | 374.40  | 748.70 | 521.30  | 1042.50 | 957.5                      |
| 40                      | 249.40  | 592.00 | 414.50  | 829.10 | 577.60  | 1155.20 | 1056.2                     |
| 42                      | 324.58  | 652.68 | 457.70  | 915.30 | 636.80  | 1273.60 | 1166.5                     |
| 44                      | 356.22  | 716.32 | 502.70  | 999.60 | 698.90  | 1398.00 | 1270.4                     |
| 46                      | 389.34  | 782.92 | 548.80  | 1097.6 | 763.90  | 1527.80 | 1396.6                     |
| 48                      | 423.94  | 852.48 | 597.80  | 1195.6 | 831.70  | 1663.50 | 1520.6                     |
| 50                      | 460.00  | 926.09 | 648.80  | 1239.6 | 902.50  | 1805.00 | 1650.0                     |

## ARRANGEMENT OF ANCHOR CHAIN



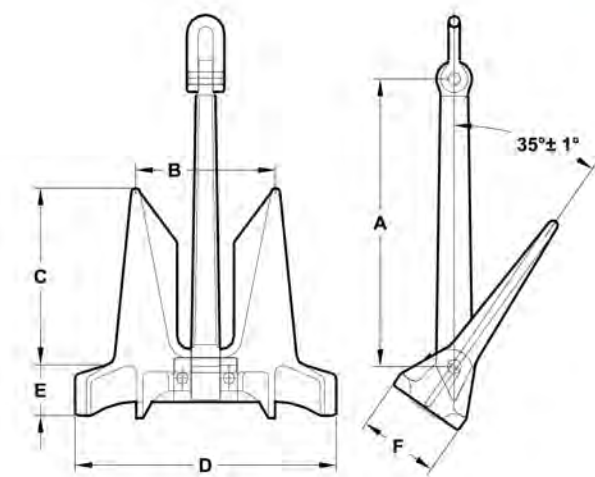
## JOINING FORMS (K.S) TO ANCHOR AND LOKER ENDS



## JOINING FORMS (J.S) TO ANCHOR AND LOKER ENDS



YXR1700

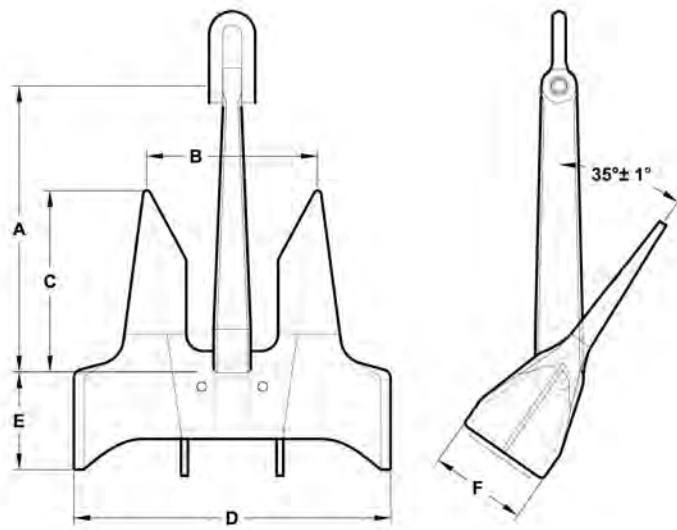


## AC-14 HHP ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |     |     | ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |     |      |
|------------|---------|-----------|------|------|------|-----|-----|------------|---------|-----------|------|------|------|-----|------|
|            |         | A         | B    | C    | D    | E   | F   |            |         | A         | B    | C    | D    | E   | F    |
| YXR1700-01 | 30      | 491       | 236  | 299  | 440  | 85  | 136 | YXR1700-33 | 3240    | 2352      | 1130 | 1432 | 2110 | 407 | 652  |
| YXR1700-02 | 45      | 590       | 283  | 359  | 529  | 99  | 164 | YXR1700-34 | 3443    | 2400      | 1154 | 1462 | 2154 | 415 | 665  |
| YXR1700-03 | 75      | 677       | 324  | 411  | 605  | 122 | 188 | YXR1700-35 | 3668    | 2451      | 1178 | 1493 | 2200 | 424 | 680  |
| YXR1700-04 | 94      | 718       | 344  | 437  | 643  | 130 | 199 | YXR1700-36 | 3938    | 2510      | 1207 | 1529 | 2252 | 434 | 696  |
| YXR1700-05 | 113     | 745       | 357  | 452  | 666  | 135 | 207 | YXR1700-37 | 4208    | 2549      | 1234 | 1563 | 2303 | 444 | 711  |
| YXR1700-06 | 135     | 821       | 394  | 500  | 737  | 143 | 228 | YXR1700-38 | 4500    | 2624      | 1261 | 1598 | 2355 | 454 | 727  |
| YXR1700-07 | 180     | 904       | 434  | 550  | 811  | 157 | 251 | YXR1700-39 | 4838    | 2688      | 1292 | 1637 | 2412 | 465 | 745  |
| YXR1700-08 | 225     | 974       | 468  | 593  | 874  | 169 | 270 | YXR1700-40 | 5175    | 2749      | 1321 | 1674 | 2467 | 476 | 762  |
| YXR1700-09 | 270     | 1035      | 497  | 630  | 929  | 180 | 287 | YXR1700-41 | 5513    | 2808      | 1350 | 1710 | 2520 | 486 | 778  |
| YXR1700-10 | 315     | 1090      | 524  | 663  | 978  | 189 | 302 | YXR1700-42 | 5850    | 2864      | 1376 | 1744 | 2570 | 496 | 794  |
| YXR1700-11 | 360     | 1139      | 547  | 694  | 1022 | 198 | 316 | YXR1700-43 | 6225    | 2923      | 1405 | 1780 | 2623 | 506 | 810  |
| YXR1700-12 | 428     | 1194      | 574  | 727  | 1071 | 206 | 331 | YXR1700-44 | 6525    | 2970      | 1428 | 1808 | 2665 | 514 | 823  |
| YXR1700-13 | 495     | 1251      | 602  | 762  | 1122 | 216 | 347 | YXR1700-45 | 6975    | 3042      | 1462 | 1853 | 2730 | 527 | 843  |
| YXR1700-14 | 585     | 1360      | 654  | 828  | 1221 | 236 | 378 | YXR1700-46 | 7425    | 3100      | 1490 | 1888 | 2782 | 537 | 859  |
| YXR1700-15 | 675     | 1398      | 672  | 851  | 1254 | 242 | 387 | YXR1700-47 | 7875    | 3162      | 1520 | 1925 | 2837 | 547 | 876  |
| YXR1700-16 | 765     | 1483      | 698  | 885  | 1304 | 264 | 404 | YXR1700-48 | 8325    | 3221      | 1548 | 1961 | 2890 | 558 | 893  |
| YXR1700-17 | 855     | 1520      | 729  | 925  | 1363 | 267 | 423 | YXR1700-49 | 8775    | 3278      | 1576 | 1996 | 2942 | 567 | 909  |
| YXR1700-18 | 968     | 1590      | 764  | 968  | 1425 | 275 | 440 | YXR1700-50 | 9225    | 3333      | 1602 | 2030 | 2991 | 577 | 924  |
| YXR1700-19 | 1080    | 1631      | 784  | 993  | 1462 | 282 | 451 | YXR1700-51 | 9675    | 3386      | 1628 | 2062 | 3039 | 586 | 939  |
| YXR1700-20 | 1193    | 1660      | 798  | 1011 | 1490 | 287 | 465 | YXR1700-52 | 10125   | 3438      | 1653 | 2094 | 3085 | 595 | 953  |
| YXR1700-21 | 1305    | 1761      | 846  | 1072 | 1580 | 305 | 488 | YXR1700-53 | 10575   | 3488      | 1677 | 2124 | 3130 | 604 | 967  |
| YXR1700-22 | 1440    | 1795      | 862  | 1093 | 1610 | 311 | 497 | YXR1700-54 | 11025   | 3537      | 1700 | 2154 | 3174 | 612 | 981  |
| YXR1700-23 | 1575    | 1855      | 892  | 1130 | 1665 | 321 | 514 | YXR1700-55 | 11550   | 3592      | 1727 | 2188 | 3224 | 622 | 996  |
| YXR1700-24 | 1710    | 1900      | 913  | 1157 | 1705 | 329 | 526 | YXR1700-56 | 12075   | 3646      | 1753 | 2220 | 3272 | 631 | 1011 |
| YXR1700-25 | 1845    | 1940      | 933  | 1182 | 1741 | 336 | 538 | YXR1700-57 | 12675   | 3705      | 1781 | 2256 | 3325 | 641 | 1027 |
| YXR1700-26 | 1980    | 1977      | 950  | 1203 | 1774 | 342 | 548 | YXR1700-58 | 13350   | 3770      | 1812 | 2296 | 3383 | 653 | 1045 |
| YXR1700-27 | 2138    | 2016      | 969  | 1227 | 1809 | 349 | 559 | YXR1700-59 | 14100   | 3839      | 1846 | 2338 | 3445 | 665 | 1064 |
| YXR1700-28 | 2295    | 2089      | 1004 | 1272 | 1874 | 362 | 579 | YXR1700-60 | 15000   | 3919      | 1884 | 2387 | 3517 | 678 | 1086 |
| YXR1700-29 | 2475    | 2150      | 1033 | 1309 | 1929 | 373 | 596 | YXR1700-61 | 16125   | 4015      | 1930 | 2445 | 3603 | 695 | 1113 |
| YXR1700-30 | 2655    | 2201      | 1057 | 1340 | 1975 | 382 | 610 | YXR1700-62 | 17250   | 4106      | 1974 | 2501 | 3685 | 711 | 1138 |
| YXR1700-31 | 2835    | 2253      | 1083 | 1372 | 2022 | 390 | 624 | YXR1700-63 | 18375   | 4194      | 2016 | 2554 | 3763 | 726 | 1163 |
| YXR1700-32 | 3038    | 2302      | 1107 | 1402 | 2066 | 399 | 638 | YXR1700-64 | 19500   | 4278      | 2056 | 2605 | 3839 | 740 | 1186 |



YXR1701

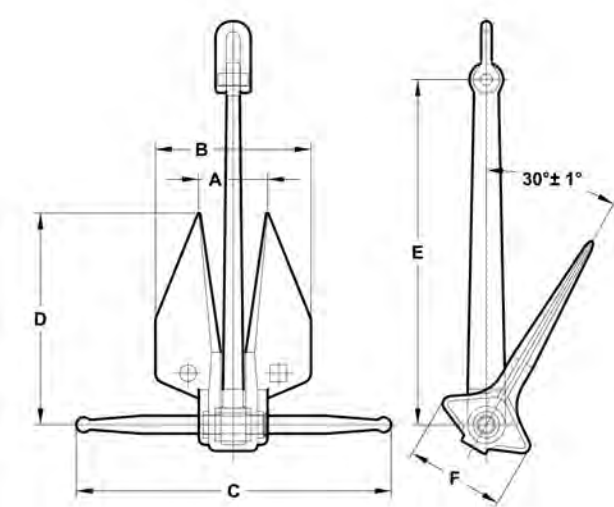


CJ-14 SB HHP ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |     |     | ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |      |      |
|------------|---------|-----------|------|------|------|-----|-----|------------|---------|-----------|------|------|------|------|------|
|            |         | A         | B    | C    | D    | E   | F   |            |         | A         | B    | C    | D    | E    | F    |
| YXR1701-01 | 75      | 550       | 326  | 350  | 606  | 188 | 185 | YXR1701-33 | 4500    | 2170      | 1295 | 1376 | 2405 | 741  | 735  |
| YXR1701-02 | 100     | 607       | 380  | 385  | 704  | 207 | 200 | YXR1701-34 | 4840    | 2225      | 1330 | 1410 | 2465 | 760  | 755  |
| YXR1701-03 | 120     | 635       | 380  | 402  | 704  | 217 | 215 | YXR1701-35 | 5175    | 2275      | 1358 | 1443 | 2520 | 777  | 770  |
| YXR1701-04 | 180     | 742       | 442  | 470  | 822  | 254 | 252 | YXR1701-36 | 5610    | 2339      | 1396 | 1483 | 2590 | 798  | 790  |
| YXR1701-05 | 225     | 828       | 495  | 525  | 915  | 283 | 277 | YXR1701-37 | 6000    | 2390      | 1426 | 1515 | 2646 | 816  | 810  |
| YXR1701-06 | 250     | 828       | 495  | 525  | 915  | 283 | 280 | YXR1701-38 | 6225    | 2420      | 1443 | 1534 | 2678 | 826  | 820  |
| YXR1701-07 | 300     | 882       | 525  | 559  | 975  | 301 | 298 | YXR1701-39 | 6525    | 2450      | 1462 | 1554 | 2712 | 836  | 830  |
| YXR1701-08 | 340     | 918       | 548  | 582  | 1012 | 313 | 310 | YXR1701-40 | 6975    | 2507      | 1496 | 1589 | 2775 | 855  | 848  |
| YXR1701-09 | 360     | 918       | 548  | 582  | 1015 | 313 | 313 | YXR1701-41 | 7350    | 2560      | 1526 | 1622 | 2832 | 873  | 866  |
| YXR1701-10 | 430     | 990       | 590  | 628  | 1098 | 339 | 336 | YXR1701-42 | 7875    | 2610      | 1558 | 1655 | 2890 | 891  | 884  |
| YXR1701-11 | 495     | 1025      | 610  | 650  | 1135 | 350 | 348 | YXR1701-43 | 8325    | 2665      | 1590 | 1689 | 2950 | 909  | 902  |
| YXR1701-12 | 585     | 1102      | 658  | 699  | 1220 | 376 | 375 | YXR1701-44 | 8775    | 2707      | 1614 | 1715 | 2996 | 924  | 916  |
| YXR1701-13 | 675     | 1152      | 690  | 731  | 1278 | 394 | 390 | YXR1701-45 | 9300    | 2765      | 1652 | 1754 | 3064 | 945  | 936  |
| YXR1701-14 | 765     | 1205      | 718  | 764  | 1335 | 411 | 408 | YXR1701-46 | 9675    | 2805      | 1674 | 1778 | 3104 | 957  | 948  |
| YXR1701-15 | 855     | 1250      | 745  | 793  | 1385 | 427 | 420 | YXR1701-47 | 10125   | 2850      | 1700 | 1806 | 3152 | 972  | 960  |
| YXR1701-16 | 970     | 1300      | 775  | 826  | 1445 | 444 | 440 | YXR1701-48 | 10575   | 2880      | 1720 | 1827 | 3192 | 984  | 976  |
| YXR1701-17 | 1080    | 1350      | 805  | 855  | 1495 | 461 | 455 | YXR1701-49 | 11025   | 2930      | 1750 | 1859 | 3247 | 1001 | 990  |
| YXR1701-18 | 1200    | 1400      | 835  | 887  | 1545 | 478 | 470 | YXR1701-50 | 11700   | 2987      | 1782 | 1894 | 3308 | 1019 | 1010 |
| YXR1701-19 | 1305    | 1440      | 858  | 913  | 1595 | 492 | 485 | YXR1701-51 | 12075   | 3010      | 1800 | 1906 | 3343 | 1027 | 1020 |
| YXR1701-20 | 1440    | 1486      | 885  | 943  | 1645 | 507 | 505 | YXR1701-52 | 12675   | 3065      | 1812 | 1945 | 3364 | 1047 | 1028 |
| YXR1701-21 | 1575    | 1534      | 915  | 972  | 1695 | 523 | 518 | YXR1701-53 | 13350   | 3132      | 1870 | 1986 | 3470 | 1069 | 1060 |
| YXR1701-22 | 1710    | 1575      | 940  | 998  | 1745 | 538 | 532 | YXR1701-54 | 14100   | 3178      | 1896 | 2015 | 3520 | 1084 | 1076 |
| YXR1701-23 | 1845    | 1616      | 965  | 1025 | 1785 | 552 | 546 | YXR1701-55 | 14700   | 3228      | 1924 | 2045 | 3570 | 1099 | 1090 |
| YXR1701-24 | 1980    | 1650      | 985  | 1048 | 1830 | 564 | 560 | YXR1701-56 | 15400   | 3272      | 1954 | 2075 | 3626 | 1117 | 1108 |
| YXR1701-25 | 2100    | 1686      | 1005 | 1070 | 1865 | 575 | 570 | YXR1701-57 | 16100   | 3320      | 1980 | 2110 | 3680 | 1132 | 1125 |
| YXR1701-26 | 2295    | 1738      | 1035 | 1102 | 1920 | 593 | 588 | YXR1701-58 | 16700   | 3350      | 2000 | 2126 | 3720 | 1144 | 1144 |
| YXR1701-27 | 2475    | 1780      | 1062 | 1128 | 1970 | 607 | 602 | YXR1701-59 | 17250   | 3380      | 2016 | 2142 | 3740 | 1151 | 1144 |
| YXR1701-28 | 2655    | 1820      | 1085 | 1155 | 2018 | 621 | 615 | YXR1701-60 | 17800   | 3440      | 2050 | 2180 | 3806 | 1173 | 1162 |
| YXR1701-29 | 2835    | 1862      | 1109 | 1180 | 2057 | 635 | 625 | YXR1701-61 | 18800   | 3500      | 2088 | 2220 | 3875 | 1193 | 1185 |
| YXR1701-30 | 3040    | 1896      | 1130 | 1204 | 2100 | 646 | 640 | YXR1701-62 | 20000   | 3573      | 2132 | 2265 | 3956 | 1220 | 1210 |
| YXR1701-31 | 3550    | 2030      | 1198 | 1287 | 2225 | 693 | 680 | YXR1701-63 | 25000   | 3965      | 2360 | 2515 | 4309 | 1352 | 1295 |
| YXR1701-32 | 3940    | 2080      | 1240 | 1318 | 2300 | 709 | 705 | YXR1701-64 | 30000   | 4358      | 2588 | 2765 | 4663 | 1484 | 1380 |



YXR1702

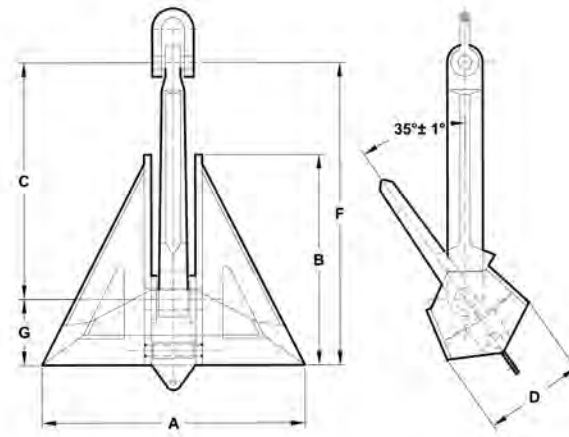


DANFORTH HHP ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (LBS) | SIZE (MM) |      |      |      |      |      | SHACKLE MODEL |
|------------|----------------------|-----------|------|------|------|------|------|---------------|
|            |                      | A         | B    | C    | D    | E    | F    |               |
| YXR1702-01 | 100                  | 159       | 322  | 714  | 485  | 800  | 219  | a4            |
| YXR1702-02 | 150                  | 183       | 372  | 793  | 560  | 926  | 253  | a5            |
| YXR1702-03 | 200                  | 203       | 412  | 874  | 621  | 995  | 281  | a6            |
| YXR1702-04 | 250                  | 225       | 457  | 960  | 689  | 1075 | 312  | a6            |
| YXR1702-05 | 300                  | 228       | 461  | 1000 | 706  | 1166 | 314  | a7            |
| YXR1702-06 | 400                  | 257       | 522  | 1090 | 788  | 1284 | 356  | a8            |
| YXR1702-07 | 550                  | 274       | 554  | 1180 | 836  | 1380 | 378  | a9            |
| YXR1702-08 | 600                  | 290       | 588  | 1253 | 888  | 1466 | 401  | a9            |
| YXR1702-09 | 750                  | 314       | 635  | 1350 | 958  | 1578 | 433  | a9            |
| YXR1702-10 | 1000                 | 344       | 694  | 1488 | 1060 | 1739 | 472  | a11           |
| YXR1702-11 | 1250                 | 367       | 741  | 1603 | 1135 | 1864 | 505  | a12           |
| YXR1702-12 | 1500                 | 396       | 800  | 1703 | 1207 | 1988 | 545  | a12           |
| YXR1702-13 | 2000                 | 438       | 888  | 1875 | 1336 | 2190 | 604  | a14           |
| YXR1702-14 | 2500                 | 470       | 950  | 2020 | 1432 | 2300 | 647  | a14           |
| YXR1702-15 | 2625                 | 470       | 950  | 2020 | 1432 | 2300 | 647  | a14           |
| YXR1702-16 | 2750                 | 485       | 960  | 2120 | 1432 | 2335 | 650  | a14           |
| YXR1702-17 | 3000                 | 502       | 1033 | 2146 | 1575 | 2396 | 710  | a14           |
| YXR1702-18 | 3500                 | 550       | 1111 | 2265 | 1677 | 2515 | 757  | a15           |
| YXR1702-19 | 4000                 | 552       | 1114 | 2365 | 1680 | 2623 | 759  | a15           |
| YXR1702-20 | 5000                 | 595       | 1200 | 2480 | 1811 | 2850 | 818  | a16           |
| YXR1702-21 | 6000                 | 630       | 1274 | 2680 | 1920 | 3164 | 866  | a17           |
| YXR1702-22 | 6600                 | 652       | 1317 | 2792 | 1986 | 3260 | 897  | a19           |
| YXR1702-23 | 8000                 | 692       | 1398 | 2970 | 2109 | 3475 | 971  | a19           |
| YXR1702-24 | 9000                 | 715       | 1448 | 3080 | 2200 | 3490 | 990  | a20           |
| YXR1702-25 | 10000                | 735       | 1484 | 3200 | 2270 | 3591 | 1010 | a21           |
| YXR1702-26 | 15000                | 851       | 1700 | 3680 | 2610 | 4100 | 1160 | a23           |
| YXR1702-27 | 20000                | 936       | 1870 | 4050 | 2870 | 4510 | 1276 | a26           |
| YXR1702-28 | 30000                | 1136      | 2250 | 4900 | 3400 | 5400 | 1520 | a30           |
| YXR1702-29 | 35000                | 1208      | 2414 | 5250 | 3670 | 5830 | 1642 | a31           |
| YXR1702-30 | 40000                | 1286      | 2588 | 5625 | 3930 | 6250 | 1758 | a32           |
| YXR1702-31 | 45000                | 1378      | 2745 | 5968 | 4172 | 6610 | 1867 | a33           |
| YXR1702-32 | 50000                | 1450      | 2890 | 6282 | 4393 | 6950 | 1965 | a34           |



YXR1703

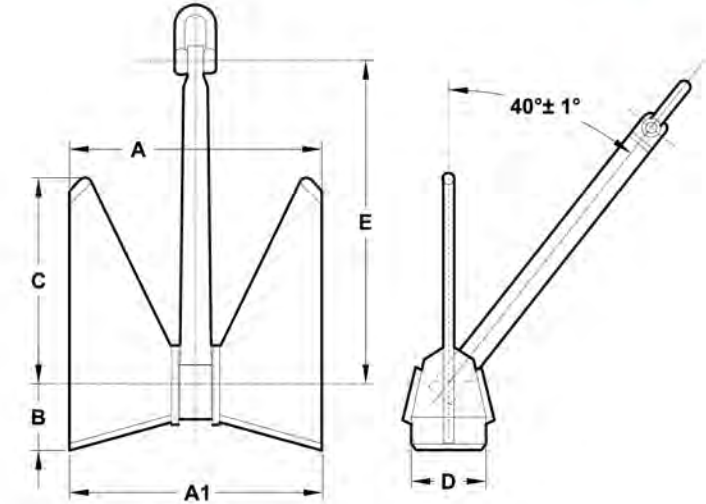


## DELTA ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |       |      |
|------------|---------------------|-----------|------|------|------|-------|------|
|            |                     | A         | B    | C    | D    | F     | G    |
| YXR1703-01 | 300                 | 1310      | 1040 | 1180 | 495  | 1550  | 370  |
| YXR1703-02 | 500                 | 1555      | 1240 | 1400 | 585  | 1845  | 445  |
| YXR1703-03 | 750                 | 1780      | 1400 | 1600 | 665  | 2110  | 510  |
| YXR1703-04 | 1000                | 1960      | 1560 | 1755 | 740  | 2320  | 565  |
| YXR1703-05 | 1500                | 2250      | 1800 | 2025 | 840  | 2660  | 635  |
| YXR1703-06 | 2000                | 2470      | 2000 | 2250 | 930  | 2960  | 710  |
| YXR1703-07 | 2500                | 2660      | 2130 | 2395 | 1005 | 3150  | 755  |
| YXR1703-08 | 3000                | 2830      | 2285 | 2565 | 1070 | 3380  | 815  |
| YXR1703-09 | 4000                | 3180      | 2560 | 2880 | 1190 | 3790  | 910  |
| YXR1703-10 | 4500                | 3194      | 2575 | 2900 | 1220 | 3820  | 920  |
| YXR1703-11 | 5000                | 3300      | 2660 | 2995 | 1260 | 3945  | 950  |
| YXR1703-12 | 6000                | 3560      | 2884 | 3245 | 1300 | 4268  | 1024 |
| YXR1703-13 | 7000                | 3750      | 2995 | 3365 | 1405 | 4440  | 1075 |
| YXR1703-14 | 9000                | 4120      | 3280 | 3690 | 1540 | 4860  | 1170 |
| YXR1703-15 | 10000               | 4270      | 3400 | 3825 | 1600 | 5040  | 1215 |
| YXR1703-16 | 13500               | 4670      | 3730 | 4195 | 1765 | 5535  | 1340 |
| YXR1703-17 | 15000               | 4840      | 3860 | 4340 | 1825 | 5725  | 1385 |
| YXR1703-18 | 18000               | 5140      | 4100 | 4615 | 1940 | 6085  | 1470 |
| YXR1703-19 | 20000               | 5320      | 4240 | 4775 | 2010 | 6300  | 1525 |
| YXR1703-20 | 22500               | 5535      | 4420 | 4970 | 2090 | 6560  | 1590 |
| YXR1703-21 | 25000               | 5730      | 4575 | 5140 | 2160 | 6780  | 1640 |
| YXR1703-22 | 30000               | 6100      | 4880 | 5486 | 2305 | 7225  | 1739 |
| YXR1703-23 | 35000               | 6424      | 5138 | 5775 | 2426 | 7605  | 1830 |
| YXR1703-24 | 40000               | 6715      | 5370 | 6036 | 2536 | 7948  | 1912 |
| YXR1703-25 | 45000               | 6986      | 5588 | 6184 | 2640 | 8270  | 2086 |
| YXR1703-26 | 50000               | 7230      | 5785 | 6500 | 2730 | 8560  | 2060 |
| YXR1703-27 | 55000               | 7470      | 5975 | 6715 | 2820 | 8840  | 2125 |
| YXR1703-28 | 60000               | 7690      | 6150 | 6910 | 2940 | 9100  | 2190 |
| YXR1703-29 | 65000               | 7900      | 6315 | 7100 | 2980 | 9350  | 2250 |
| YXR1703-30 | 70000               | 8095      | 6475 | 7275 | 3060 | 9580  | 2305 |
| YXR1703-31 | 75000               | 8235      | 6590 | 7405 | 3110 | 9750  | 2345 |
| YXR1703-32 | 80000               | 8460      | 6770 | 7610 | 3195 | 10020 | 2410 |
| YXR1703-33 | 85000               | 8625      | 6900 | 7750 | 3255 | 10210 | 2460 |
| YXR1703-34 | 90000               | 8800      | 7040 | 7910 | 3325 | 10420 | 2510 |
| YXR1703-35 | 95000               | 8960      | 7170 | 8055 | 3385 | 10610 | 2555 |
| YXR1703-36 | 100000              | 9110      | 7285 | 8190 | 3440 | 10780 | 2590 |



YXR1704



## POOL ANCHOR TYPE TW

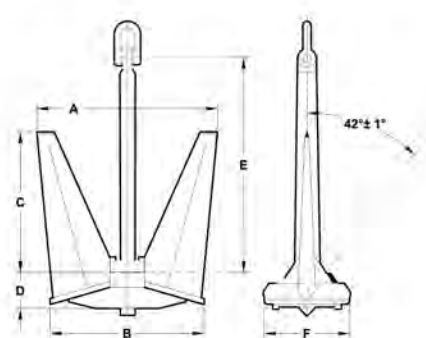
| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |      |      | SHACKLE MODEL |
|------------|---------|-----------|------|------|------|------|------|---------------|
|            |         | A         | A1   | B    | C    | D    | E    |               |
| YXR1704-01 | 105     | 640       | 650  | 250  | 422  | 240  | 705  | a6            |
| YXR1704-02 | 135     | 696       | 706  | 273  | 460  | 262  | 815  | a6            |
| YXR1704-03 | 160     | 736       | 746  | 289  | 486  | 277  | 895  | a7            |
| YXR1704-04 | 180     | 766       | 776  | 300  | 506  | 288  | 937  | a7            |
| YXR1704-05 | 225     | 825       | 837  | 324  | 545  | 310  | 982  | a8            |
| YXR1704-06 | 270     | 877       | 890  | 344  | 579  | 329  | 1080 | a8            |
| YXR1704-07 | 300     | 907       | 922  | 356  | 600  | 340  | 1080 | a8            |
| YXR1704-08 | 360     | 965       | 980  | 378  | 638  | 362  | 1175 | a9            |
| YXR1704-09 | 430     | 1024      | 1040 | 402  | 676  | 384  | 1200 | a9            |
| YXR1704-10 | 495     | 1074      | 1090 | 420  | 709  | 402  | 1257 | a10           |
| YXR1704-11 | 565     | 1122      | 1138 | 440  | 740  | 436  | 1318 | a11           |
| YXR1704-12 | 675     | 1205      | 1221 | 475  | 801  | 454  | 1456 | a11           |
| YXR1704-13 | 765     | 1256      | 1272 | 476  | 836  | 455  | 1518 | a12           |
| YXR1704-14 | 855     | 1306      | 1327 | 494  | 866  | 496  | 1575 | a13           |
| YXR1704-15 | 970     | 1360      | 1381 | 532  | 896  | 513  | 1642 | a13           |
| YXR1704-16 | 1080    | 1410      | 1431 | 540  | 910  | 536  | 1703 | a13           |
| YXR1704-17 | 1195    | 1435      | 1446 | 545  | 955  | 537  | 1730 | a13           |
| YXR1704-18 | 1305    | 1490      | 1512 | 580  | 981  | 558  | 1814 | a14           |
| YXR1704-19 | 1440    | 1554      | 1576 | 587  | 1031 | 585  | 1875 | a14           |
| YXR1704-20 | 1575    | 1594      | 1618 | 606  | 1062 | 600  | 1931 | a14           |
| YXR1704-21 | 1710    | 1635      | 1659 | 622  | 1092 | 614  | 1985 | a15           |
| YXR1704-22 | 1845    | 1684      | 1709 | 638  | 1120 | 638  | 2035 | a15           |
| YXR1704-23 | 1980    | 1733      | 1758 | 657  | 1153 | 654  | 2088 | a15           |
| YXR1704-24 | 2140    | 1765      | 1803 | 671  | 1177 | 664  | 2138 | a16           |
| YXR1704-2  | 2295    | 1802      | 1829 | 686  | 1205 | 678  | 2190 | a16           |
| YXR1704-26 | 2475    | 1860      | 1887 | 704  | 1236 | 705  | 2240 | a17           |
| YXR1704-27 | 2655    | 1900      | 1927 | 720  | 1263 | 716  | 2298 | a17           |
| YXR1704-28 | 2835    | 1945      | 1973 | 737  | 1294 | 730  | 2350 | a17           |
| YXR1704-29 | 3040    | 1984      | 2012 | 754  | 1324 | 744  | 2404 | a17           |
| YXR1704-30 | 3240    | 2036      | 2066 | 770  | 1351 | 768  | 2456 | a18           |
| YXR1704-31 | 3445    | 2070      | 2100 | 789  | 1381 | 782  | 2507 | a18           |
| YXR1704-32 | 3670    | 2110      | 2142 | 804  | 1410 | 795  | 2560 | a19           |
| YXR1704-33 | 3940    | 2152      | 2185 | 820  | 1440 | 802  | 2621 | a19           |
| YXR1704-34 | 4210    | 2218      | 2251 | 842  | 1478 | 838  | 2680 | a20           |
| YXR1704-35 | 4500    | 2264      | 2297 | 861  | 1510 | 854  | 2740 | a20           |
| YXR1704-36 | 4840    | 2316      | 2349 | 879  | 1543 | 868  | 2800 | a21           |
| YXR1704-37 | 5175    | 2334      | 2367 | 889  | 1558 | 876  | 2829 | a22           |
| YXR1704-38 | 5250    | 2363      | 2397 | 926  | 1558 | 887  | 2870 | a22           |
| YXR1704-39 | 5515    | 2412      | 2446 | 926  | 1608 | 911  | 2921 | a22           |
| YXR1704-40 | 5850    | 2450      | 2485 | 960  | 1615 | 920  | 2985 | a23           |
| YXR1704-41 | 6225    | 2509      | 2543 | 980  | 1640 | 940  | 3033 | a23           |
| YXR1704-42 | 6975    | 2623      | 2659 | 1015 | 1707 | 990  | 3145 | a23           |
| YXR1704-43 | 7875    | 2695      | 2735 | 1050 | 1773 | 1012 | 3264 | a24           |
| YXR1704-44 | 8148    | 2744      | 2771 | 1067 | 1805 | 1030 | 3320 | a24           |
| YXR1704-45 | 8420    | 2794      | 2822 | 1087 | 1838 | 1049 | 3381 | a24           |
| YXR1704-46 | 8710    | 2823      | 2851 | 1098 | 1857 | 1060 | 3416 | a25           |
| YXR1704-47 | 9000    | 2852      | 2881 | 1109 | 1876 | 1071 | 3451 | a25           |
| YXR1704-48 | 9340    | 2885      | 2914 | 1122 | 1898 | 1083 | 3491 | a25           |
| YXR1704-49 | 9680    | 2918      | 2947 | 1135 | 1919 | 1096 | 3531 | a26           |
| YXR1704-50 | 10090   | 2947      | 2976 | 1146 | 1939 | 1107 | 3566 | a26           |
| YXR1704-51 | 10500   | 2977      | 3007 | 1158 | 1958 | 1118 | 3602 | a26           |
| YXR1704-52 | 10765   | 3008      | 3038 | 1170 | 1979 | 1130 | 3640 | a26           |
| YXR1704-53 | 11030   | 3038      | 3069 | 1182 | 1999 | 1141 | 3677 | a27           |
| YXR1704-54 | 11365   | 3063      | 3094 | 1192 | 2015 | 1150 | 3706 | a27           |
| YXR1704-55 | 11100   | 3087      | 3118 | 1201 | 2031 | 1159 | 3735 | a27           |
| YXR1704-56 | 12075   | 3124      | 3155 | 1215 | 2055 | 1173 | 3780 | a28           |
| YXR1704-57 | 12450   | 3161      | 3193 | 1230 | 2079 | 1187 | 3825 | a28           |
| YXR1704-58 | 13200   | 3233      | 3265 | 1258 | 2127 | 1214 | 3912 | a29           |
| YXR1704-59 | 13950   | 3305      | 3338 | 1286 | 2174 | 1241 | 3999 | a29           |
| YXR1704-60 | 14850   | 3350      | 3384 | 1303 | 2204 | 1258 | 4054 | a30           |
| YXR1704-61 | 15750   | 3395      | 3429 | 1321 | 2233 | 1275 | 4108 | a30           |
| YXR1704-62 | 16295   | 3457      | 3492 | 1345 | 2274 | 1298 | 4183 | a31           |
| YXR1704-63 | 16840   | 3520      | 3555 | 1369 | 2315 | 1322 | 4259 | a31           |
| YXR1704-64 | 17420   | 3566      | 3592 | 1383 | 2339 | 1335 | 4303 | a32           |
| YXR1704-65 | 18000   | 3593      | 3629 | 1398 | 2363 | 1349 | 4348 | a32           |
| YXR1704-66 | 18680   | 3634      | 3670 | 1414 | 2390 | 1365 | 4397 | a32           |
| YXR1704-67 | 19360   | 3676      | 3713 | 1430 | 2418 | 1380 | 4448 | a33           |
| YXR1704-68 | 20000   | 3713      | 3750 | 1444 | 2442 | 1394 | 4493 | a33           |



YXR1705

POOL HHP ANCHOR TYPE N

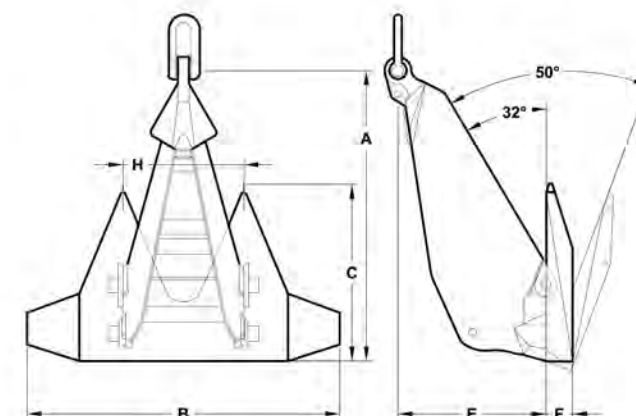
| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |     |      |     |
|------------|---------|-----------|------|------|-----|------|-----|
|            |         | A         | B    | C    | D   | E    | F   |
| YXR1705-01 | 12      | 323       | 275  | 250  | 65  | 383  | 155 |
| YXR1705-02 | 20      | 386       | 325  | 300  | 75  | 458  | 185 |
| YXR1705-03 | 25      | 409       | 350  | 316  | 80  | 485  | 200 |
| YXR1705-04 | 40      | 479       | 410  | 370  | 95  | 567  | 235 |
| YXR1705-05 | 50      | 517       | 440  | 400  | 100 | 613  | 255 |
| YXR1705-06 | 60      | 550       | 470  | 425  | 110 | 652  | 270 |
| YXR1705-07 | 80      | 608       | 515  | 470  | 120 | 720  | 295 |
| YXR1705-08 | 100     | 653       | 555  | 505  | 130 | 775  | 320 |
| YXR1705-09 | 120     | 699       | 595  | 540  | 135 | 825  | 340 |
| YXR1705-10 | 135     | 723       | 614  | 562  | 139 | 858  | 342 |
| YXR1705-11 | 160     | 764       | 650  | 590  | 150 | 905  | 370 |
| YXR1705-12 | 180     | 795       | 675  | 615  | 155 | 940  | 385 |
| YXR1705-13 | 200     | 825       | 700  | 640  | 160 | 978  | 400 |
| YXR1705-14 | 225     | 858       | 729  | 666  | 165 | 1016 | 406 |
| YXR1705-15 | 240     | 880       | 745  | 680  | 175 | 1040 | 425 |
| YXR1705-16 | 280     | 925       | 780  | 715  | 180 | 1092 | 450 |
| YXR1705-17 | 320     | 964       | 820  | 745  | 190 | 1140 | 470 |
| YXR1705-18 | 360     | 1005      | 855  | 780  | 195 | 1190 | 490 |
| YXR1705-19 | 400     | 1040      | 885  | 805  | 205 | 1230 | 505 |
| YXR1705-20 | 440     | 1074      | 910  | 830  | 210 | 1270 | 520 |
| YXR1705-21 | 480     | 1105      | 940  | 855  | 215 | 1305 | 535 |
| YXR1705-22 | 520     | 1133      | 960  | 875  | 220 | 1340 | 550 |
| YXR1705-23 | 560     | 1165      | 985  | 900  | 230 | 1375 | 565 |
| YXR1705-24 | 600     | 1191      | 1010 | 920  | 235 | 1410 | 580 |
| YXR1705-25 | 640     | 1217      | 1035 | 940  | 240 | 1440 | 675 |
| YXR1705-26 | 675     | 1237      | 1051 | 960  | 245 | 1464 | 585 |
| YXR1705-27 | 720     | 1262      | 1075 | 975  | 250 | 1495 | 615 |
| YXR1705-28 | 800     | 1310      | 1115 | 1015 | 255 | 1550 | 635 |
| YXR1705-29 | 855     | 1338      | 1137 | 1137 | 257 | 1585 | 633 |
| YXR1705-30 | 900     | 1365      | 1160 | 1160 | 270 | 1615 | 665 |
| YXR1705-31 | 970     | 1396      | 1186 | 1186 | 272 | 1654 | 660 |
| YXR1705-32 | 1000    | 1410      | 1200 | 1200 | 275 | 1670 | 670 |
| YXR1705-33 | 1080    | 1447      | 1229 | 1229 | 278 | 1713 | 684 |
| YXR1705-34 | 1250    | 1521      | 1290 | 1290 | 300 | 1800 | 740 |
| YXR1705-35 | 1305    | 1541      | 1309 | 1309 | 296 | 1824 | 729 |
| YXR1705-36 | 1500    | 1615      | 1370 | 1370 | 315 | 1910 | 785 |
| YXR1705-37 | 1575    | 1641      | 1394 | 1394 | 315 | 1943 | 776 |
| YXR1705-38 | 1750    | 1705      | 1445 | 1445 | 335 | 2015 | 830 |
| YXR1705-39 | 1845    | 1729      | 1469 | 1469 | 340 | 2049 | 818 |
| YXR1705-40 | 2000    | 1780      | 1510 | 1510 | 350 | 2105 | 865 |



| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |     |      |      |
|------------|---------|-----------|------|------|-----|------|------|
|            |         | A         | B    | C    | D   | E    | F    |
| YXR1705-41 | 2140    | 1817      | 1544 | 1411 | 349 | 2152 | 860  |
| YXR1705-42 | 2250    | 1850      | 1570 | 1430 | 360 | 2185 | 900  |
| YXR1705-43 | 2500    | 1920      | 1630 | 1480 | 375 | 2265 | 930  |
| YXR1705-44 | 2655    | 1954      | 1664 | 1516 | 372 | 2312 | 925  |
| YXR1705-45 | 2835    | 1996      | 1700 | 1550 | 380 | 2364 | 945  |
| YXR1705-46 | 3040    | 2042      | 1735 | 1585 | 390 | 2418 | 968  |
| YXR1705-47 | 3240    | 2086      | 1773 | 1620 | 398 | 2471 | 988  |
| YXR1705-48 | 3445    | 2129      | 1809 | 1653 | 406 | 2522 | 1009 |
| YXR1705-49 | 3670    | 2174      | 1847 | 1689 | 415 | 2576 | 1030 |
| YXR1705-50 | 3940    | 2226      | 1892 | 1730 | 425 | 2640 | 1055 |
| YXR1705-51 | 4210    | 2276      | 1934 | 1768 | 434 | 2698 | 1078 |
| YXR1705-52 | 4500    | 2328      | 1978 | 1808 | 444 | 2758 | 1103 |
| YXR1705-53 | 4840    | 2385      | 2026 | 1852 | 455 | 2825 | 1130 |
| YXR1705-54 | 5175    | 2439      | 2072 | 1894 | 465 | 2889 | 1155 |
| YXR1705-55 | 5515    | 2491      | 2116 | 1934 | 475 | 2950 | 1180 |
| YXR1705-56 | 5850    | 2541      | 2159 | 1973 | 485 | 3009 | 1204 |
| YXR1705-57 | 6225    | 2594      | 2204 | 2014 | 495 | 3072 | 1229 |
| YXR1705-58 | 6525    | 2635      | 2239 | 2046 | 503 | 3121 | 1248 |
| YXR1705-59 | 6975    | 2695      | 2290 | 2092 | 514 | 3191 | 1276 |
| YXR1705-60 | 7425    | 2751      | 2337 | 2136 | 525 | 3258 | 1303 |
| YXR1705-61 | 7875    | 2805      | 2384 | 2178 | 535 | 3323 | 1329 |
| YXR1705-62 | 8325    | 2858      | 2428 | 2219 | 545 | 3385 | 1354 |
| YXR1705-63 | 8775    | 2908      | 2471 | 2258 | 555 | 3445 | 1378 |
| YXR1705-64 | 9225    | 2958      | 2512 | 2296 | 564 | 3502 | 1401 |
| YXR1705-65 | 9675    | 3004      | 2553 | 2333 | 573 | 3558 | 1423 |
| YXR1705-66 | 10215   | 3050      | 2592 | 2369 | 582 | 3613 | 1445 |
| YXR1705-67 | 10575   | 3095      | 2630 | 2403 | 590 | 3666 | 1466 |
| YXR1705-68 | 11025   | 3138      | 2667 | 2437 | 599 | 3717 | 1486 |
| YXR1705-69 | 11550   | 3187      | 2708 | 2475 | 608 | 3775 | 1510 |
| YXR1705-70 | 12075   | 3235      | 2748 | 2512 | 617 | 3831 | 1533 |
| YXR1705-71 | 12675   | 3288      | 2794 | 2553 | 628 | 3894 | 1557 |
| YXR1705-72 | 13350   | 3345      | 2842 | 2598 | 638 | 3962 | 1585 |
| YXR1705-73 | 14100   | 3406      | 2895 | 2645 | 644 | 4035 | 1614 |
| YXR1705-74 | 15000   | 3478      | 2955 | 2700 | 664 | 4119 | 1647 |
| YXR1705-75 | 15400   | 3508      | 2981 | 2724 | 669 | 4155 | 1662 |
| YXR1705-76 | 16125   | 3563      | 3027 | 2766 | 680 | 4220 | 1687 |
| YXR1705-77 | 17250   | 3643      | 3096 | 2829 | 696 | 4315 | 1726 |
| YXR1705-78 | 18375   | 3712      | 3162 | 2889 | 710 | 4407 | 1762 |
| YXR1705-79 | 19500   | 3795      | 3225 | 2947 | 725 | 4495 | 1798 |
| YXR1705-80 | 20625   | 3867      | 3286 | 3003 | 738 | 4580 | 1832 |

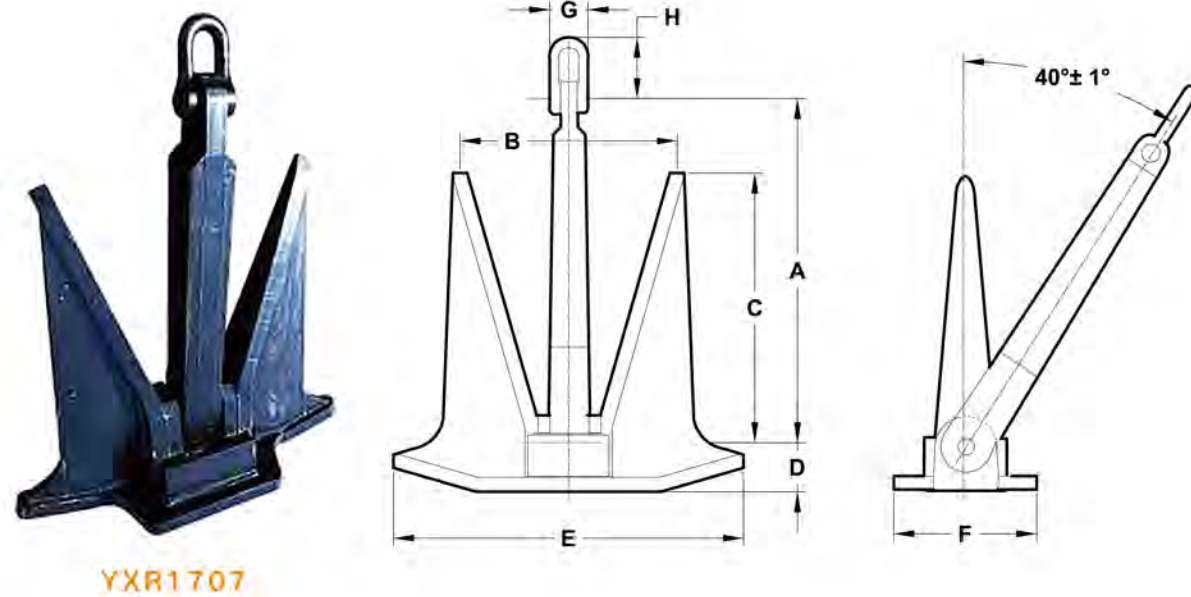


YXR1706



STEVIN MK5 ANCHOR

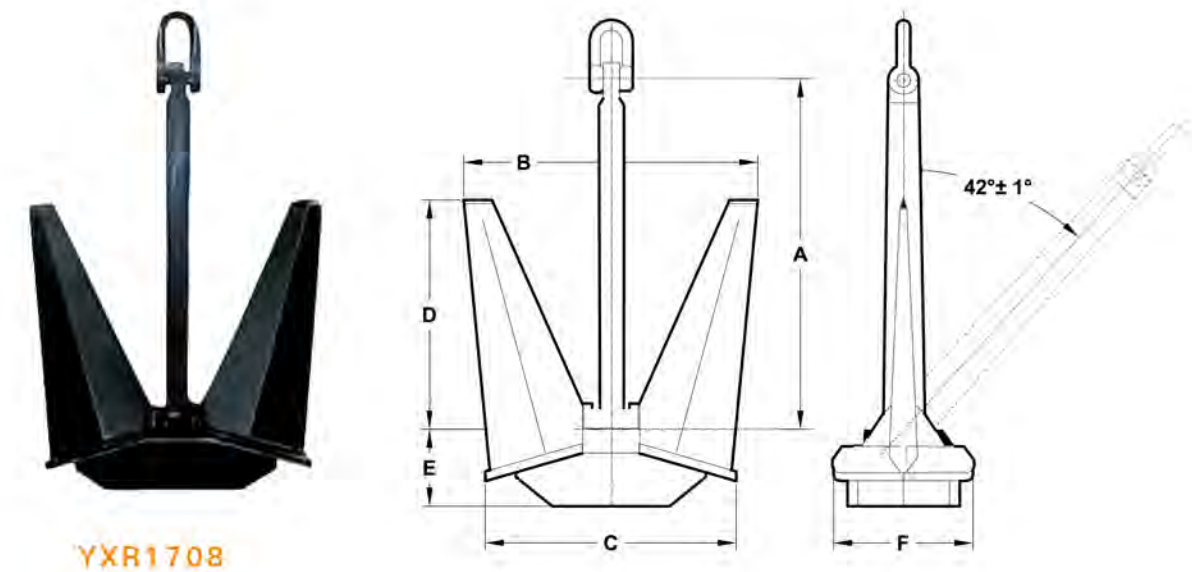
| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |     |      |
|------------|---------------------|-----------|------|------|------|-----|------|
|            |                     | A         | B    | C    | E    | F   | H    |
| YXR1706-01 | 300                 | 1828      | 1968 | 1101 | 927  | 160 | 757  |
| YXR1706-02 | 500                 | 2040      | 2197 | 1233 | 1035 | 179 | 845  |
| YXR1706-03 | 1000                | 2570      | 2770 | 1562 | 1304 | 226 | 1064 |
| YXR1706-04 | 1500                | 2944      | 3174 | 1802 | 1495 | 261 | 1230 |
| YXR1706-05 | 2000                | 3244      | 3494 | 1969 | 1646 | 285 | 1343 |
| YXR1706-06 | 3000                | 3711      | 4001 | 2279 | 1886 | 332 | 1540 |
| YXR1706-07 | 4000                | 4083      | 4403 | 2431 | 2074 | 359 | 1692 |
| YXR1706-08 | 5000                | 4402      | 4746 | 2697 | 2238 | 396 | 1835 |
| YXR1706-09 | 6000                | 4680      | 5040 | 2841 | 2374 | 411 | 1988 |
| YXR1706-10 | 7000                | 4900      | 5280 | 3001 | 2490 | 443 | 2045 |
| YXR1706-11 | 8000                | 5151      | 5553 | 3156 | 2619 | 464 | 2139 |
| YXR1706-12 | 9000                | 5359      | 5772 | 3253 | 2719 | 471 | 2219 |
| YXR1706-13 | 10000               | 5549      | 5932 | 3400 | 2822 | 501 | 2305 |
| YXR1706-14 | 12000               | 5893      | 6353 | 3614 | 3000 | 533 | 2450 |
| YXR1706-15 | 14000               | 6209      | 6694 | 3805 | 3159 | 562 | 2580 |
| YXR1706-16 | 15000               | 6354      | 6850 | 3804 | 3232 | 575 | 2640 |
| YXR1706-17 | 16000               | 6469      | 6967 | 3927 | 3282 | 569 | 2673 |
| YXR1706-18 | 18000               | 6753      | 7280 | 4139 | 3436 | 612 | 2806 |
| YXR1706-19 | 20000               | 6994      | 7540 | 4287 | 3559 | 634 | 2907 |
| YXR1706-20 | 22000               | 7220      | 7784 | 4426 | 3674 | 654 | 3001 |
| YXR1706-21 | 25000               | 7535      | 8123 | 4619 | 3834 | 684 | 3132 |
| YXR1706-22 | 30000               | 8003      | 8635 | 4919 | 4075 | 727 | 3329 |



YXR1707

### D-HONE HHP ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |     |      |      |     |     |
|------------|---------|-----------|------|------|-----|------|------|-----|-----|
|            |         | A         | B    | C    | D   | E    | F    | G   | H   |
| YXR1707-01 | 200     | 789       | 495  | 566  | 182 | 847  | 313  | 110 | 145 |
| YXR1707-02 | 300     | 900       | 566  | 648  | 207 | 968  | 358  | 136 | 175 |
| YXR1707-03 | 400     | 994       | 624  | 710  | 231 | 1065 | 395  | 151 | 192 |
| YXR1707-04 | 500     | 1070      | 670  | 765  | 250 | 1150 | 425  | 163 | 215 |
| YXR1707-05 | 550     | 1105      | 693  | 790  | 257 | 1185 | 438  | 163 | 215 |
| YXR1707-06 | 600     | 1138      | 714  | 815  | 263 | 1220 | 452  | 163 | 215 |
| YXR1707-07 | 650     | 1170      | 733  | 835  | 275 | 1255 | 465  | 174 | 235 |
| YXR1707-08 | 700     | 1200      | 750  | 860  | 275 | 1285 | 475  | 174 | 235 |
| YXR1707-09 | 750     | 1225      | 765  | 875  | 275 | 1310 | 485  | 174 | 235 |
| YXR1707-10 | 800     | 1253      | 780  | 895  | 281 | 1340 | 495  | 174 | 235 |
| YXR1707-11 | 850     | 1280      | 800  | 915  | 295 | 1370 | 507  | 200 | 255 |
| YXR1707-12 | 900     | 1300      | 810  | 927  | 297 | 1386 | 513  | 200 | 255 |
| YXR1707-13 | 950     | 1327      | 830  | 950  | 308 | 1425 | 527  | 200 | 255 |
| YXR1707-14 | 1000    | 1350      | 840  | 965  | 315 | 1450 | 536  | 200 | 255 |
| YXR1707-15 | 1100    | 1394      | 875  | 1000 | 320 | 1490 | 555  | 215 | 280 |
| YXR1707-16 | 1200    | 1435      | 900  | 1030 | 330 | 1540 | 570  | 215 | 280 |
| YXR1707-17 | 1300    | 1475      | 925  | 1055 | 341 | 1580 | 585  | 215 | 280 |
| YXR1707-18 | 1400    | 1510      | 945  | 1080 | 350 | 1620 | 600  | 215 | 280 |
| YXR1707-19 | 1500    | 1545      | 970  | 1100 | 365 | 1660 | 610  | 215 | 280 |
| YXR1707-20 | 1600    | 1578      | 990  | 1130 | 366 | 1690 | 627  | 236 | 310 |
| YXR1707-21 | 1700    | 1608      | 1008 | 1150 | 373 | 1725 | 638  | 236 | 310 |
| YXR1707-22 | 1800    | 1640      | 1030 | 1175 | 380 | 1760 | 650  | 236 | 310 |
| YXR1707-23 | 1900    | 1670      | 1055 | 1190 | 390 | 1790 | 660  | 236 | 310 |
| YXR1707-24 | 2000    | 1700      | 1080 | 1220 | 390 | 1825 | 675  | 236 | 310 |
| YXR1707-25 | 2200    | 1750      | 1100 | 1250 | 410 | 1880 | 695  | 256 | 340 |
| YXR1707-26 | 2400    | 1800      | 1130 | 1290 | 420 | 1940 | 717  | 256 | 340 |
| YXR1707-27 | 2600    | 1855      | 1160 | 1330 | 420 | 1990 | 737  | 279 | 380 |
| YXR1707-28 | 2800    | 1900      | 1190 | 1365 | 435 | 2040 | 755  | 279 | 380 |
| YXR1707-29 | 3000    | 1950      | 1220 | 1400 | 445 | 2090 | 770  | 279 | 380 |
| YXR1707-30 | 3250    | 2000      | 1250 | 1430 | 460 | 2140 | 790  | 284 | 385 |
| YXR1707-31 | 3500    | 2050      | 1285 | 1470 | 470 | 2200 | 810  | 284 | 385 |
| YXR1707-32 | 4000    | 2132      | 1340 | 1530 | 490 | 2280 | 850  | 305 | 410 |
| YXR1707-33 | 4500    | 2224      | 1395 | 1590 | 510 | 2385 | 880  | 310 | 410 |
| YXR1707-3  | 5000    | 2335      | 1460 | 1670 | 540 | 2505 | 927  | 343 | 450 |
| YXR1707-35 | 5300    | 2350      | 1470 | 1680 | 540 | 2520 | 930  | 343 | 450 |
| YXR1707-36 | 5800    | 2430      | 1525 | 1745 | 560 | 2610 | 965  | 343 | 450 |
| YXR1707-37 | 6000    | 2484      | 1555 | 1780 | 575 | 2665 | 986  | 370 | 480 |
| YXR1707-38 | 6500    | 2520      | 1580 | 1810 | 580 | 2710 | 1002 | 370 | 480 |
| YXR1707-39 | 7000    | 2580      | 1610 | 1840 | 595 | 2755 | 1020 | 370 | 480 |
| YXR1707-40 | 7400    | 2635      | 1650 | 1890 | 605 | 2825 | 1045 | 377 | 500 |
| YXR1707-41 | 8000    | 2686      | 1685 | 1930 | 615 | 2880 | 1065 | 391 | 540 |
| YXR1707-42 | 8300    | 2736      | 1710 | 1950 | 635 | 2926 | 1085 | 391 | 540 |
| YXR1707-43 | 8800    | 2785      | 1745 | 1995 | 643 | 2990 | 1105 | 391 | 540 |
| YXR1707-44 | 9200    | 2830      | 1775 | 2030 | 650 | 3030 | 1120 | 418 | 580 |
| YXR1707-45 | 9600    | 2877      | 1800 | 2060 | 660 | 3080 | 1140 | 418 | 580 |
| YXR1707-46 | 10000   | 2920      | 1830 | 2090 | 670 | 3126 | 1157 | 437 | 600 |
| YXR1707-47 | 10500   | 2964      | 1860 | 2125 | 685 | 3180 | 1180 | 437 | 600 |
| YXR1707-48 | 12000   | 3100      | 1940 | 2220 | 715 | 3320 | 1230 | 452 | 630 |
| YXR1707-49 | 13500   | 3200      | 2010 | 2290 | 740 | 3435 | 1270 | 468 | 640 |
| YXR1707-50 | 14000   | 3260      | 2045 | 2330 | 760 | 3495 | 1294 | 483 | 660 |
| YXR1707-51 | 15000   | 3360      | 2100 | 2410 | 770 | 3600 | 1330 | 498 | 680 |



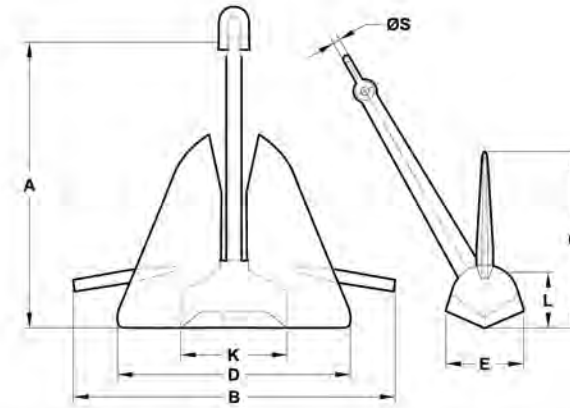
YXR1708

### CJN-SB TYPE HHP ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |      |      |
|------------|---------|-----------|------|------|------|------|------|
|            |         | A         | B    | C    | D    | E    | F    |
| YXR1708-01 | 60      | 590       | 555  | 470  | 364  | 157  | 270  |
| YXR1708-02 | 80      | 664       | 605  | 515  | 410  | 176  | 295  |
| YXR1708-03 | 100     | 712       | 655  | 555  | 440  | 190  | 320  |
| YXR1708-04 | 160     | 835       | 765  | 650  | 516  | 223  | 370  |
| YXR1708-05 | 200     | 885       | 825  | 700  | 546  | 236  | 400  |
| YXR1708-06 | 280     | 1008      | 925  | 780  | 622  | 269  | 450  |
| YXR1708-07 | 360     | 1096      | 1005 | 855  | 677  | 292  | 490  |
| YXR1708-08 | 480     | 1186      | 1105 | 940  | 728  | 314  | 535  |
| YXR1708-09 | 600     | 1300      | 1190 | 1010 | 802  | 347  | 580  |
| YXR1708-10 | 765     | 1410      | 1290 | 1096 | 870  | 375  | 610  |
| YXR1708-11 | 1000    | 1526      | 1395 | 1185 | 942  | 404  | 660  |
| YXR1708-12 | 1080    | 1580      | 1446 | 1230 | 975  | 421  | 685  |
| YXR1708-13 | 1195    | 1636      | 1485 | 1270 | 1010 | 436  | 708  |
| YXR1708-14 | 1305    | 1680      | 1541 | 1308 | 1037 | 448  | 730  |
| YXR1708-15 | 1440    | 1738      | 1592 | 1352 | 1073 | 464  | 754  |
| YXR1708-16 | 1575    | 1769      | 1640 | 1386 | 1092 | 472  | 777  |
| YXR1708-17 | 1710    | 1840      | 1686 | 1455 | 1137 | 491  | 798  |
| YXR1708-18 | 1845    | 1890      | 1729 | 1469 | 1168 | 504  | 819  |
| YXR1708-19 | 1980    | 1935      | 1770 | 1504 | 1195 | 516  | 836  |
| YXR1708-20 | 2140    | 1985      | 1816 | 1543 | 1226 | 530  | 860  |
| YXR1708-21 | 2295    | 2030      | 1860 | 1580 | 1254 | 540  | 880  |
| YXR1708-22 | 2655    | 2140      | 1954 | 1684 | 1322 | 566  | 926  |
| YXR1708-23 | 2835    | 2188      | 1996 | 1700 | 1351 | 580  | 945  |
| YXR1708-24 | 3000    | 2238      | 2042 | 1736 | 1382 | 592  | 968  |
| YXR1708-25 | 3240    | 2287      | 2086 | 1773 | 1412 | 605  | 988  |
| YXR1708-26 | 3940    | 2442      | 2226 | 1892 | 1508 | 646  | 1055 |
| YXR1708-27 | 4500    | 2553      | 2328 | 1976 | 1576 | 675  | 1103 |
| YXR1708-28 | 5175    | 2675      | 2439 | 2072 | 1651 | 708  | 1155 |
| YXR1708-29 | 5515    | 2730      | 2491 | 2116 | 1686 | 722  | 1180 |
| YXR1708-30 | 5850    | 2786      | 2541 | 2159 | 1720 | 737  | 1204 |
| YXR1708-31 | 6225    | 2838      | 2594 | 2204 | 1750 | 756  | 1229 |
| YXR1708-32 | 6525    | 2880      | 2635 | 2239 | 1780 | 768  | 1248 |
| YXR1708-33 | 6975    | 2948      | 2695 | 2290 | 1820 | 786  | 1276 |
| YXR1708-34 | 7425    | 3010      | 2760 | 2338 | 1858 | 802  | 1303 |
| YXR1708-35 | 7875    | 3069      | 2805 | 2384 | 1895 | 818  | 1329 |
| YXR1708-36 | 8775    | 3180      | 2908 | 2471 | 1964 | 848  | 1376 |
| YXR1708-37 | 9225    | 3235      | 2968 | 2512 | 1997 | 862  | 1401 |
| YXR1708-38 | 9675    | 3286      | 3004 | 2553 | 2029 | 876  | 1423 |
| YXR1708-39 | 10125   | 3337      | 3060 | 2592 | 2060 | 890  | 1445 |
| YXR1708-40 | 10575   | 3386      | 3095 | 2630 | 2090 | 902  | 1468 |
| YXR1708-41 | 12075   | 3538      | 3236 | 2748 | 2184 | 943  | 1533 |
| YXR1708-42 | 12675   | 3596      | 3288 | 2794 | 2220 | 958  | 1556 |
| YXR1708-43 | 13350   | 3658      | 3346 | 2842 | 2258 | 975  | 1585 |
| YXR1708-44 | 14100   | 3726      | 3406 | 2894 | 2300 | 993  | 1614 |
| YXR1708-45 | 15000   | 3804      | 3476 | 2954 | 2348 | 1014 | 1646 |
| YXR1708-46 | 17250   | 3985      | 3643 | 3095 | 2460 | 1062 | 1726 |
| YXR1708-47 | 20825   | 4240      | 3887 | 3285 | 2618 | 1130 | 1832 |
| YXR1708-48 | 24750   | 4495      | 4109 | 3491 | 2775 | 1198 | 1947 |
| YXR1708-49 | 28875   | 4717      | 4324 | 3675 | 2912 | 1258 | 2049 |



YXR1709

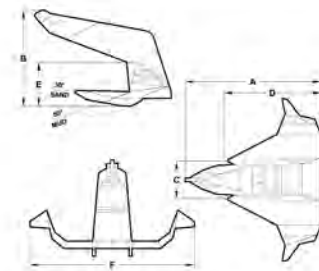


### STEVIN MK3 ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |      |      |      |     |
|------------|---------------------|-----------|------|------|------|------|------|------|-----|
|            |                     | A         | B    | C    | D    | E    | K    | L    | S   |
| YXR1709-01 | 1000                | 2429      | 2654 | 1559 | 2023 | 737  | 1010 | 412  | 60  |
| YXR1709-02 | 1500                | 2774      | 3038 | 1785 | 2316 | 843  | 1156 | 471  | 65  |
| YXR1709-03 | 3000                | 3493      | 3828 | 2249 | 2918 | 1063 | 1456 | 594  | 80  |
| YXR1709-04 | 5000                | 4120      | 4538 | 2667 | 3460 | 1260 | 1727 | 704  | 80  |
| YXR1709-05 | 7000                | 4602      | 5077 | 2983 | 3871 | 1409 | 1932 | 788  | 90  |
| YXR1709-06 | 9000                | 5012      | 5521 | 3244 | 4209 | 1533 | 2100 | 857  | 100 |
| YXR1709-07 | 12000               | 5516      | 6076 | 3570 | 4632 | 1687 | 2312 | 943  | 110 |
| YXR1709-08 | 15000               | 5942      | 6545 | 3846 | 4990 | 1817 | 2490 | 1016 | 120 |
| YXR1709-09 | 20000               | 6372      | 6986 | 4100 | 5324 | 2048 | 2674 | 1083 | 160 |
| YXR1709-10 | 30000               | 7289      | 7997 | 4694 | 6094 | 2345 | 3061 | 1240 | 180 |

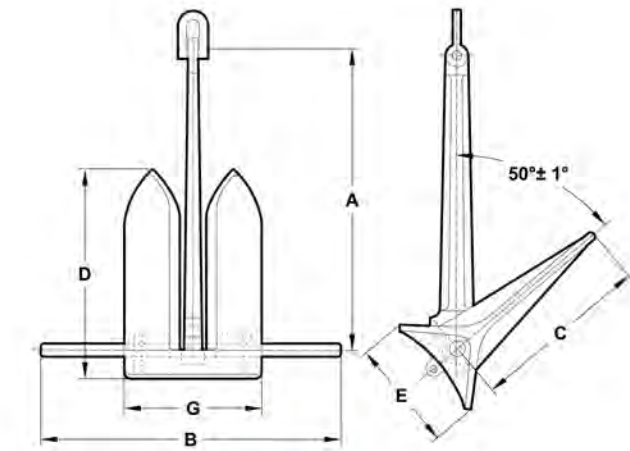


YXR1710



### WELDING BRUCE HHP ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |      |      |
|------------|---------------------|-----------|------|------|------|------|------|
|            |                     | A         | B    | C    | D    | E    | F    |
| YXR1710-01 | 500                 | 1827      | 1280 | 500  | 1303 | 606  | 2188 |
| YXR1710-02 | 800                 | 2073      | 1452 | 667  | 1479 | 688  | 2484 |
| YXR1710-03 | 1500                | 2648      | 1854 | 723  | 1888 | 878  | 3172 |
| YXR1710-04 | 3000                | 3409      | 2388 | 931  | 2431 | 1131 | 4085 |
| YXR1710-05 | 4500                | 3800      | 2751 | 1047 | 2733 | 1298 | 4605 |
| YXR1710-06 | 5000                | 4029      | 2822 | 1100 | 2873 | 1336 | 4828 |
| YXR1710-07 | 6000                | 4227      | 3028 | 1161 | 3031 | 1430 | 5104 |
| YXR1710-08 | 6500                | 4326      | 3131 | 1192 | 3110 | 1478 | 5242 |
| YXR1710-09 | 9000                | 4846      | 3394 | 1324 | 3456 | 1607 | 5806 |
| YXR1710-10 | 10000               | 5287      | 3563 | 1390 | 3628 | 1687 | 6095 |
| YXR1710-11 | 12000               | 5437      | 3808 | 1486 | 3878 | 1803 | 6514 |
| YXR1710-12 | 15000               | 5728      | 4012 | 1566 | 4085 | 1900 | 6864 |
| YXR1710-13 | 18000               | 6129      | 4292 | 1674 | 4371 | 2031 | 7343 |
| YXR1710-14 | 20000               | 6319      | 4426 | 1726 | 4507 | 2096 | 7571 |
| YXR1710-15 | 30000               | 7225      | 5060 | 1974 | 5153 | 2396 | 8656 |



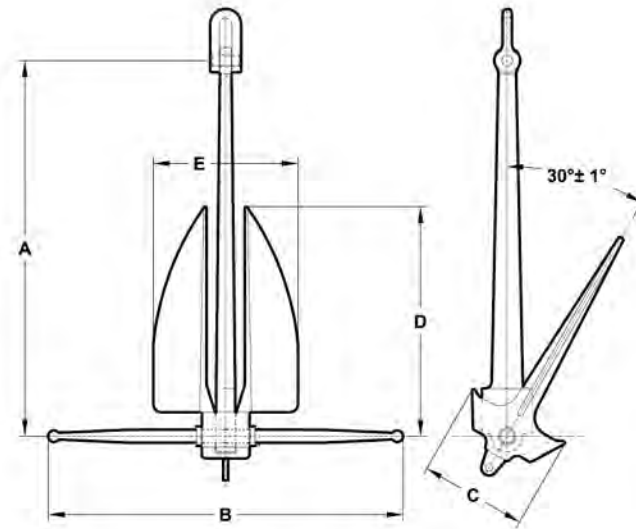
YXR1711

### OFFDRILL ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |      |      |
|------------|---------------------|-----------|------|------|------|------|------|
|            |                     | A         | B    | C    | D    | E    | G    |
| YXR1711-01 | 227                 | 1205      | 1330 | 725  | 865  | 395  | 485  |
| YXR1711-02 | 454                 | 1520      | 1675 | 915  | 1090 | 500  | 625  |
| YXR1711-03 | 680                 | 1770      | 2120 | 1050 | 1250 | 575  | 740  |
| YXR1711-04 | 908                 | 1950      | 2340 | 1160 | 1380 | 630  | 815  |
| YXR1711-05 | 1136                | 2100      | 2520 | 1250 | 1485 | 680  | 875  |
| YXR1711-06 | 1360                | 2230      | 2655 | 1330 | 1580 | 725  | 930  |
| YXR1711-07 | 1590                | 2350      | 2820 | 1400 | 1665 | 765  | 980  |
| YXR1711-08 | 1815                | 2500      | 2945 | 1460 | 1740 | 800  | 1020 |
| YXR1711-09 | 2045                | 2555      | 3065 | 1520 | 1805 | 830  | 1065 |
| YXR1711-10 | 2270                | 2645      | 3175 | 1575 | 1870 | 860  | 1100 |
| YXR1711-11 | 2725                | 2815      | 3375 | 1675 | 1990 | 910  | 1170 |
| YXR1711-12 | 3180                | 2950      | 3540 | 1755 | 2090 | 940  | 1230 |
| YXR1711-13 | 3630                | 3095      | 3890 | 1840 | 2190 | 1012 | 1290 |
| YXR1711-14 | 4540                | 3335      | 4000 | 1985 | 2360 | 1070 | 1390 |
| YXR1711-15 | 5445                | 3540      | 4250 | 2110 | 2505 | 1140 | 1475 |
| YXR1711-16 | 6350                | 3730      | 4500 | 2220 | 2640 | 1228 | 1555 |
| YXR1711-17 | 7260                | 3900      | 4750 | 2320 | 2760 | 1280 | 1625 |
| YXR1711-18 | 9080                | 4200      | 4900 | 2500 | 2975 | 1385 | 1750 |
| YXR1711-19 | 11350               | 4500      | 5165 | 2680 | 3205 | 1530 | 1875 |
| YXR1711-20 | 13620               | 4810      | 5335 | 2860 | 3405 | 1545 | 2000 |
| YXR1711-21 | 15000               | 4900      | 5390 | 2955 | 3515 | 1585 | 2070 |
| YXR1711-22 | 18160               | 5120      | 5635 | 3090 | 3675 | 1692 | 2165 |
| YXR1711-23 | 20430               | 5330      | 5865 | 3215 | 3850 | 1760 | 2250 |
| YXR1711-24 | 22700               | 5600      | 6150 | 3360 | 4025 | 1900 | 2365 |
| YXR1711-25 | 27240               | 5950      | 6535 | 3570 | 4250 | 1955 | 2515 |
| YXR1711-26 | 31780               | 6260      | 6875 | 3755 | 4470 | 2055 | 2645 |



YXR1712

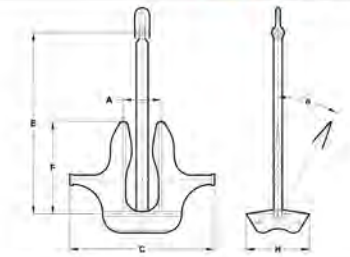


### GB11579-89 LIGHT WEIGHT ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |      | ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |      |
|------------|---------|-----------|------|------|------|------|------------|---------|-----------|------|------|------|------|
|            |         | A         | B    | C    | D    | E    |            |         | A         | B    | C    | D    | E    |
| YXR1712-01 | 14      | 770       | 730  | 222  | 444  | 288  | YXR1712-22 | 4100    | 3380      | 3200 | 1150 | 2060 | 1330 |
| YXR1712-02 | 23      | 885       | 840  | 252  | 508  | 328  | YXR1712-23 | 4540    | 3490      | 3310 | 1180 | 2130 | 1370 |
| YXR1712-03 | 34      | 965       | 915  | 279  | 559  | 366  | YXR1712-24 | 5000    | 3600      | 3420 | 1226 | 2200 | 1400 |
| YXR1712-04 | 45      | 1055      | 1000 | 310  | 610  | 396  | YXR1712-25 | 5500    | 3710      | 3520 | 1264 | 2260 | 1450 |
| YXR1712-05 | 70      | 1185      | 1130 | 348  | 686  | 450  | YXR1712-26 | 5900    | 3810      | 3610 | 1296 | 2320 | 1500 |
| YXR1712-06 | 90      | 1205      | 1140 | 360  | 737  | 480  | YXR1712-27 | 6400    | 3910      | 3710 | 1334 | 2390 | 1540 |
| YXR1712-07 | 140     | 1345      | 1270 | 414  | 825  | 540  | YXR1712-28 | 6800    | 3990      | 3790 | 1362 | 2440 | 1570 |
| YXR1712-08 | 180     | 1460      | 1380 | 450  | 896  | 584  | YXR1712-29 | 7300    | 4080      | 3870 | 1394 | 2490 | 1610 |
| YXR1712-09 | 230     | 1560      | 1480 | 482  | 952  | 610  | YXR1712-30 | 7700    | 4170      | 3950 | 1422 | 2540 | 1640 |
| YXR1712-10 | 340     | 1750      | 1640 | 560  | 1068 | 680  | YXR1712-31 | 8200    | 4240      | 4020 | 1448 | 2590 | 1670 |
| YXR1712-11 | 450     | 1910      | 1800 | 610  | 1165 | 740  | YXR1712-32 | 8600    | 4320      | 4100 | 1474 | 2640 | 1700 |
| YXR1712-12 | 680     | 2190      | 2080 | 700  | 1340 | 840  | YXR1712-33 | 9100    | 4390      | 4170 | 1500 | 2690 | 1730 |
| YXR1712-13 | 910     | 2350      | 2200 | 762  | 1435 | 940  | YXR1712-34 | 10000   | 4540      | 4300 | 1546 | 2770 | 1780 |
| YXR1712-14 | 1140    | 2580      | 2450 | 825  | 1575 | 1000 | YXR1712-35 | 11100   | 4730      | 4480 | 1614 | 2890 | 1860 |
| YXR1712-15 | 1360    | 2750      | 2600 | 880  | 1680 | 1060 | YXR1712-36 | 13600   | 5030      | 4800 | 1716 | 3070 | 1980 |
| YXR1712-16 | 1500    | 2830      | 2680 | 912  | 1730 | 1080 | YXR1712-37 | 15000   | 5200      | 4950 | 1774 | 3170 | 2050 |
| YXR1712-17 | 1820    | 2940      | 2790 | 952  | 1800 | 1120 | YXR1712-38 | 16000   | 5290      | 5050 | 1804 | 3230 | 2080 |
| YXR1712-18 | 2270    | 2990      | 2840 | 984  | 1830 | 1130 | YXR1712-39 | 18000   | 5540      | 5280 | 1904 | 3330 | 2180 |
| YXR1712-19 | 2730    | 3150      | 2990 | 1040 | 1930 | 1200 | YXR1712-40 | 20000   | 5710      | 5450 | 1950 | 3480 | 2250 |
| YXR1712-20 | 3180    | 3200      | 3030 | 1070 | 1960 | 1240 |            |         |           |      |      |      |      |
| YXR1712-21 | 3630    | 3250      | 3070 | 1105 | 1980 | 1276 |            |         |           |      |      |      |      |



YXR1713

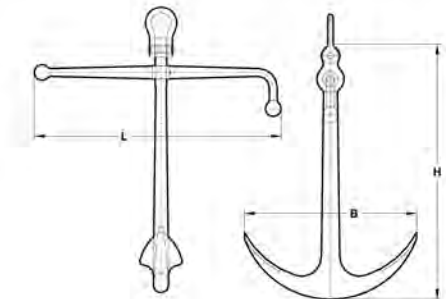


### GB57-77 MATROSOV HHP ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |     |       |
|------------|---------------------|-----------|------|------|------|-----|-------|
|            |                     | A         | E    | C    | F    | H   | A     |
| YXR1713-01 | 25                  | 130       | 570  | 690  | 385  | 214 | 28-30 |
| YXR1713-02 | 35                  | 148       | 620  | 760  | 420  | 230 | 30-32 |
| YXR1713-03 | 50                  | 170       | 680  | 840  | 480  | 250 | 30-32 |
| YXR1713-04 | 75                  | 190       | 770  | 950  | 540  | 270 | 30-32 |
| YXR1713-05 | 100                 | 210       | 830  | 1060 | 590  | 290 | 30-32 |
| YXR1713-06 | 125                 | 226       | 870  | 1130 | 630  | 310 | 30-32 |
| YXR1713-07 | 150                 | 242       | 910  | 1190 | 670  | 330 | 30-32 |
| YXR1713-08 | 200                 | 270       | 980  | 1300 | 740  | 370 | 30-32 |
| YXR1713-09 | 250                 | 294       | 1040 | 1380 | 800  | 400 | 33-37 |
| YXR1713-10 | 300                 | 312       | 1090 | 1480 | 850  | 430 | 33-37 |
| YXR1713-11 | 400                 | 342       | 1190 | 1630 | 930  | 480 | 33-37 |
| YXR1713-12 | 500                 | 366       | 1280 | 1750 | 1000 | 520 | 33-37 |
| YXR1713-13 | 650                 | 400       | 1385 | 1910 | 1090 | 565 | 33-37 |
| YXR1713-14 | 750                 | 418       | 1450 | 2000 | 1140 | 590 | 33-37 |
| YXR1713-15 | 1000                | 452       | 1570 | 2170 | 1240 | 630 | 33-37 |
| YXR1713-16 | 1250                | 488       | 1660 | 2280 | 1300 | 660 | 33-37 |
| YXR1713-17 | 1500                | 515       | 1715 | 2370 | 1350 | 675 | 33-37 |



YXR1714

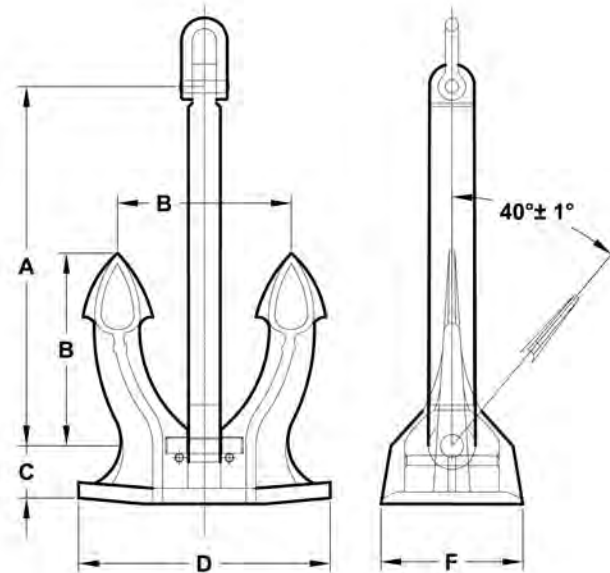


### JAPAN STOCK ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |
|------------|---------------------|-----------|------|------|
|            |                     | A         | E    | C    |
| YXR1714-01 | 500                 | 2000      | 2065 | 1350 |
| YXR1714-02 | 700                 | 2260      | 2335 | 1510 |
| YXR1714-03 | 750                 | 2310      | 2342 | 1560 |
| YXR1714-04 | 1000                | 2550      | 2637 | 1700 |
| YXR1714-05 | 1500                | 2890      | 2960 | 1950 |
| YXR1714-06 | 2000                | 3160      | 3272 | 2140 |
| YXR1714-07 | 3000                | 3630      | 3555 | 2650 |
| YXR1714-08 | 3500                | 3810      | 3820 | 2570 |
| YXR1714-09 | 4000                | 4000      | 4135 | 2920 |
| YXR1714-10 | 5000                | 4310      | 4470 | 3140 |
| YXR1714-11 | 6000                | 4580      | 4740 | 3330 |
| YXR1714-12 | 7000                | 4820      | 4980 | 3530 |
| YXR1714-13 | 8000                | 5040      | 5215 | 3620 |



YXR1715

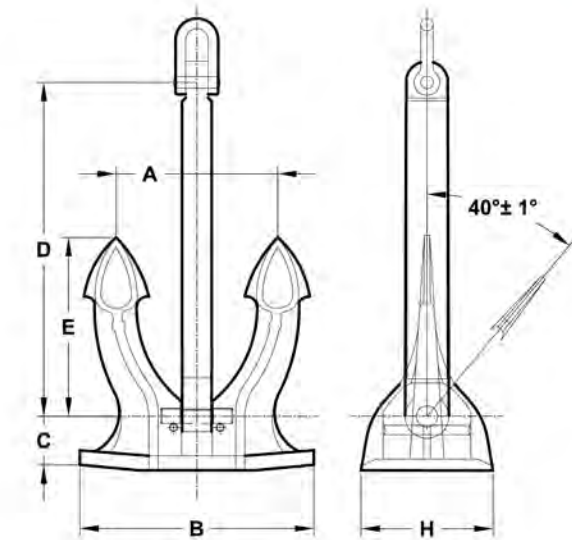


CB711-95 SPEK ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |     |      |     |
|------------|---------|-----------|------|-----|------|-----|
|            |         | A         | B    | C   | D    | F   |
| YXR1715-01 | 100     | 672       | 373  | 112 | 515  | 250 |
| YXR1715-02 | 150     | 770       | 428  | 128 | 590  | 290 |
| YXR1715-03 | 180     | 846       | 470  | 140 | 640  | 300 |
| YXR1715-04 | 240     | 900       | 500  | 150 | 690  | 358 |
| YXR1715-05 | 300     | 990       | 550  | 166 | 760  | 398 |
| YXR1715-06 | 360     | 1065      | 600  | 180 | 828  | 411 |
| YXR1715-07 | 420     | 1080      | 600  | 180 | 828  | 431 |
| YXR1715-08 | 500     | 1170      | 650  | 196 | 900  | 450 |
| YXR1715-09 | 570     | 1170      | 650  | 196 | 900  | 475 |
| YXR1715-10 | 660     | 1260      | 700  | 210 | 960  | 486 |
| YXR1715-11 | 780     | 1355      | 750  | 225 | 1032 | 519 |
| YXR1715-12 | 900     | 1440      | 800  | 240 | 1100 | 547 |
| YXR1715-13 | 1020    | 1530      | 850  | 252 | 1170 | 573 |
| YXR1715-14 | 1140    | 1620      | 900  | 268 | 1240 | 591 |
| YXR1715-15 | 1290    | 1710      | 900  | 268 | 1240 | 620 |
| YXR1715-16 | 1440    | 1710      | 950  | 279 | 1300 | 640 |
| YXR1715-17 | 1590    | 1710      | 950  | 279 | 1300 | 671 |
| YXR1715-18 | 1740    | 1800      | 1000 | 300 | 1378 | 689 |
| YXR1715-19 | 1920    | 1850      | 1050 | 312 | 1454 | 704 |
| YXR1715-20 | 2100    | 1890      | 1050 | 312 | 1454 | 717 |
| YXR1715-21 | 2280    | 2010      | 1050 | 312 | 1454 | 736 |
| YXR1715-22 | 2460    | 2010      | 1100 | 324 | 1514 | 764 |
| YXR1715-23 | 2640    | 2070      | 1150 | 352 | 1584 | 794 |
| YXR1715-24 | 2850    | 2070      | 1150 | 352 | 1584 | 804 |
| YXR1715-25 | 3060    | 2160      | 1200 | 360 | 1650 | 820 |
| YXR1715-26 | 3300    | 2155      | 1200 | 360 | 1650 | 834 |
| YXR1715-27 | 3540    | 2350      | 1200 | 360 | 1650 | 834 |
| YXR1715-28 | 3780    | 2430      | 1350 | 393 | 1850 | 880 |
| YXR1715-29 | 4050    | 2430      | 1350 | 393 | 1850 | 917 |



YXR1716



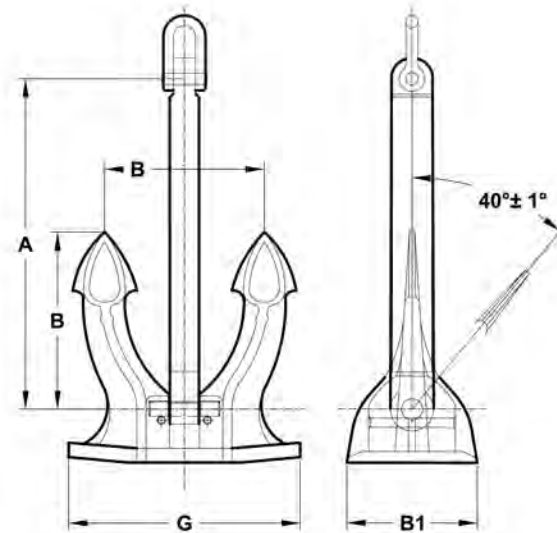
TYPE M SPEK ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |     |      |      |     |
|------------|---------|-----------|------|-----|------|------|-----|
|            |         | A         | B    | C   | D    | E    | H   |
| YXR1716-01 | 80      | 339       | 468  | 108 | 611  | 336  | 222 |
| YXR1716-02 | 105     | 371       | 512  | 120 | 669  | 336  | 242 |
| YXR1716-03 | 135     | 371       | 512  | 149 | 669  | 368  | 254 |
| YXR1716-04 | 240     | 445       | 613  | 182 | 800  | 440  | 304 |
| YXR1716-05 | 300     | 527       | 727  | 168 | 949  | 522  | 344 |
| YXR1716-06 | 360     | 527       | 727  | 190 | 949  | 522  | 358 |
| YXR1716-07 | 420     | 590       | 813  | 188 | 1062 | 584  | 385 |
| YXR1716-08 | 480     | 590       | 813  | 211 | 1062 | 584  | 395 |
| YXR1716-09 | 570     | 652       | 900  | 208 | 1175 | 647  | 428 |
| YXR1716-10 | 660     | 653       | 900  | 208 | 1175 | 647  | 428 |
| YXR1716-11 | 780     | 725       | 1000 | 231 | 1305 | 718  | 473 |
| YXR1716-12 | 900     | 725       | 1000 | 264 | 1215 | 718  | 485 |
| YXR1716-13 | 1020    | 793       | 1093 | 252 | 1428 | 785  | 518 |
| YXR1716-14 | 1140    | 793       | 1093 | 277 | 1428 | 785  | 530 |
| YXR1716-15 | 1290    | 858       | 1183 | 273 | 1544 | 850  | 561 |
| YXR1716-16 | 1440    | 858       | 1183 | 299 | 1544 | 850  | 573 |
| YXR1716-17 | 1590    | 920       | 1268 | 293 | 1655 | 911  | 604 |
| YXR1716-18 | 1740    | 920       | 1268 | 315 | 1655 | 911  | 611 |
| YXR1716-19 | 1920    | 980       | 1350 | 312 | 1761 | 970  | 640 |
| YXR1716-20 | 2100    | 980       | 1350 | 337 | 1761 | 970  | 650 |
| YXR1716-21 | 2280    | 1038      | 1430 | 331 | 1866 | 1027 | 678 |
| YXR1716-22 | 2460    | 1038      | 1430 | 355 | 1866 | 1027 | 688 |
| YXR1716-23 | 2640    | 1090      | 1500 | 347 | 1959 | 1079 | 712 |
| YXR1716-24 | 2850    | 1190      | 1500 | 380 | 1950 | 1079 | 722 |
| YXR1716-25 | 3060    | 1144      | 1578 | 365 | 2058 | 1133 | 748 |
| YXR1716-26 | 3300    | 1144      | 1578 | 387 | 2058 | 1133 | 760 |
| YXR1716-27 | 3540    | 1202      | 1656 | 383 | 2159 | 1189 | 785 |
| YXR1716-28 | 3780    | 1202      | 1656 | 405 | 2159 | 1189 | 797 |
| YXR1716-29 | 4050    | 1257      | 1732 | 400 | 2258 | 1244 | 821 |

| ITEM NO.   | WT (KG) | SIZE (MM) |      |     |      |      |      |
|------------|---------|-----------|------|-----|------|------|------|
|            |         | A         | B    | C   | D    | E    | H    |
| YXR1716-30 | 4320    | 1257      | 1732 | 422 | 2258 | 1244 | 831  |
| YXR1716-31 | 4590    | 1257      | 1732 | 444 | 2258 | 1244 | 841  |
| YXR1716-32 | 4890    | 1338      | 1846 | 426 | 2405 | 1325 | 874  |
| YXR1716-33 | 5250    | 1338      | 1846 | 450 | 2405 | 1325 | 888  |
| YXR1716-34 | 5610    | 1432      | 1974 | 431 | 2405 | 1418 | 936  |
| YXR1716-35 | 6000    | 1432      | 1974 | 457 | 2577 | 1418 | 936  |
| YXR1716-36 | 6450    | 1432      | 1974 | 483 | 2577 | 1418 | 950  |
| YXR1716-37 | 6900    | 1533      | 2112 | 462 | 2757 | 1518 | 1001 |
| YXR1716-38 | 7350    | 1533      | 2112 | 488 | 2757 | 1518 | 1001 |
| YXR1716-39 | 7800    | 1533      | 2112 | 514 | 2757 | 1518 | 1015 |
| YXR1716-40 | 8300    | 1621      | 2234 | 489 | 2916 | 1605 | 1059 |
| YXR1716-41 | 8700    | 1621      | 2234 | 517 | 2916 | 1605 | 1059 |
| YXR1716-42 | 9300    | 1621      | 2234 | 545 | 2916 | 1605 | 1074 |
| YXR1716-43 | 9900    | 1726      | 2380 | 520 | 3015 | 1709 | 1128 |
| YXR1716-44 | 10500   | 1726      | 2380 | 550 | 3105 | 1709 | 1128 |
| YXR1716-45 | 11100   | 1726      | 2380 | 580 | 3105 | 1709 | 1138 |
| YXR1716-46 | 11700   | 1819      | 2507 | 554 | 3273 | 1801 | 1188 |
| YXR1716-47 | 12300   | 1819      | 2507 | 580 | 3273 | 1801 | 1188 |
| YXR1716-48 | 12900   | 1819      | 2507 | 607 | 3273 | 1801 | 1200 |
| YXR1716-49 | 13500   | 1904      | 2624 | 577 | 3425 | 1885 | 1243 |
| YXR1716-50 | 14100   | 1904      | 2624 | 607 | 3425 | 1885 | 1243 |
| YXR1716-51 | 14700   | 1904      | 2624 | 650 | 3425 | 1885 | 1243 |
| YXR1716-52 | 15400   | 1904      | 2624 | 657 | 3425 | 1885 | 1263 |
| YXR1716-53 | 16100   | 2018      | 2782 | 612 | 3632 | 1998 | 1318 |
| YXR1716-54 | 16900   | 2018      | 2782 | 638 | 3632 | 1998 | 1318 |
| YXR1716-55 | 17800   | 2018      | 2782 | 683 | 3632 | 1998 | 1318 |
| YXR1716-56 | 18800   | 2018      | 2782 | 699 | 3632 | 1998 | 1343 |
| YXR1716-57 | 20000   | 2170      | 2990 | 652 | 3905 | 2148 | 1416 |

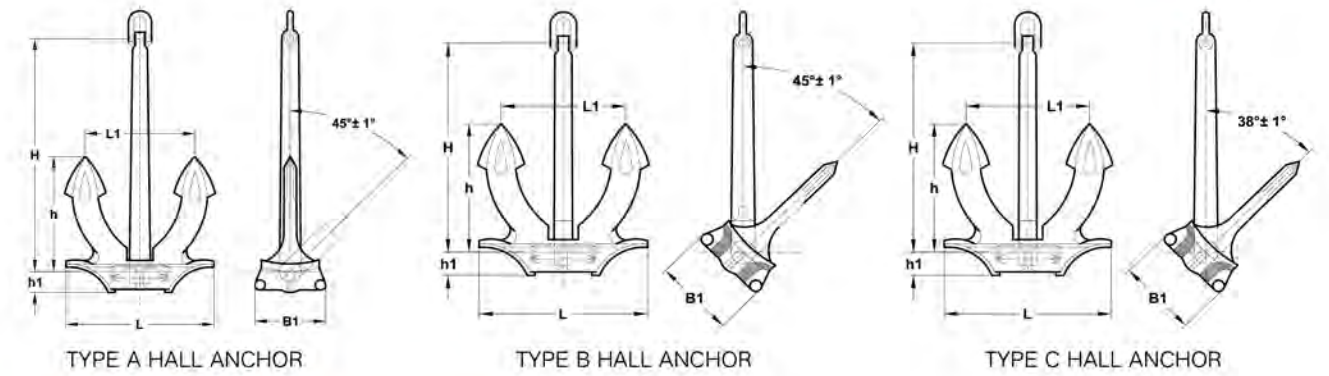


YXR1717



### TYPE SR SPEK ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |     |      | ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |
|------------|---------|-----------|------|-----|------|------------|---------|-----------|------|------|------|
|            |         | A         | B    | B1  | G    |            |         | A         | B    | B1   | G    |
| YXR1717-01 | 210     | 900       | 500  | 340 | 690  | YXR1717-30 | 3540    | 2160      | 1200 | 834  | 1650 |
| YXR1717-02 | 240     | 900       | 550  | 390 | 760  | YXR1717-31 | 3780    | 2430      | 1350 | 880  | 1850 |
| YXR1717-03 | 300     | 1080      | 600  | 412 | 828  | YXR1717-32 | 4050    | 2430      | 1350 | 914  | 1850 |
| YXR1717-04 | 420     | 1080      | 600  | 412 | 828  | YXR1717-33 | 4320    | 2520      | 1400 | 917  | 1926 |
| YXR1717-05 | 450     | 1080      | 600  | 412 | 828  | YXR1717-34 | 4590    | 2520      | 1400 | 931  | 1926 |
| YXR1717-06 | 480     | 1170      | 650  | 442 | 900  | YXR1717-35 | 4890    | 2520      | 1400 | 954  | 1926 |
| YXR1717-07 | 570     | 1170      | 650  | 442 | 900  | YXR1717-36 | 5250    | 2610      | 1450 | 964  | 2000 |
| YXR1717-08 | 610     | 1260      | 700  | 472 | 962  | YXR1717-37 | 5610    | 2610      | 1450 | 981  | 2000 |
| YXR1717-09 | 660     | 1260      | 700  | 472 | 962  | YXR1717-38 | 5800    | 2700      | 1500 | 1006 | 2060 |
| YXR1717-10 | 750     | 1350      | 750  | 508 | 1032 | YXR1717-39 | 6000    | 2700      | 1500 | 1006 | 2060 |
| YXR1717-11 | 780     | 1350      | 750  | 519 | 1032 | YXR1717-40 | 6450    | 2700      | 1500 | 1023 | 2060 |
| YXR1717-12 | 900     | 1440      | 800  | 547 | 1100 | YXR1717-41 | 6900    | 2790      | 1550 | 1034 | 2138 |
| YXR1717-13 | 1020    | 1440      | 850  | 573 | 1170 | YXR1717-42 | 7350    | 2790      | 1550 | 1062 | 2138 |
| YXR1717-14 | 1040    | 1530      | 900  | 591 | 1240 | YXR1717-43 | 7800    | 2790      | 1550 | 1091 | 2138 |
| YXR1717-15 | 1100    | 1620      | 900  | 620 | 1240 | YXR1717-44 | 8000    | 2790      | 1550 | 1091 | 2138 |
| YXR1717-16 | 1200    | 1620      | 950  | 640 | 1300 | YXR1717-45 | 8300    | 3060      | 1700 | 1125 | 2332 |
| YXR1717-17 | 1300    | 1710      | 950  | 640 | 1300 | YXR1717-46 | 8700    | 3060      | 1700 | 1166 | 2332 |
| YXR1717-18 | 1400    | 1710      | 950  | 671 | 1300 | YXR1717-47 | 9300    | 3060      | 1700 | 1188 | 2332 |
| YXR1717-19 | 1500    | 1710      | 950  | 671 | 1300 | YXR1717-48 | 9900    | 3060      | 1700 | 1188 | 2332 |
| YXR1717-20 | 1650    | 1710      | 1000 | 669 | 1378 | YXR1717-49 | 10500   | 3186      | 1770 | 1197 | 2440 |
| YXR1717-21 | 1800    | 1800      | 1050 | 704 | 1454 | YXR1717-50 | 11100   | 3186      | 1770 | 1212 | 2440 |
| YXR1717-22 | 1920    | 1890      | 1050 | 717 | 1454 | YXR1717-51 | 11700   | 3186      | 1770 | 1237 | 2440 |
| YXR1717-23 | 2100    | 1890      | 1050 | 736 | 1454 | YXR1717-52 | 12300   | 3438      | 1910 | 1260 | 2632 |
| YXR1717-24 | 2190    | 1890      | 1050 | 736 | 1454 | YXR1717-53 | 12900   | 3438      | 1910 | 1260 | 2632 |
| YXR1717-25 | 2280    | 1890      | 1100 | 764 | 1454 | YXR1717-54 | 13500   | 3438      | 1910 | 1316 | 2632 |
| YXR1717-26 | 2460    | 1980      | 1150 | 794 | 1584 | YXR1717-55 | 14700   | 3690      | 2050 | 1369 | 2824 |
| YXR1717-27 | 2640    | 2070      | 1150 | 804 | 1584 | YXR1717-56 | 16900   | 3942      | 2120 | 1415 | 2922 |
| YXR1717-28 | 2850    | 2160      | 1200 | 812 | 1650 | YXR1717-57 | 18800   | 3942      | 2190 | 1461 | 3018 |
| YXR1717-29 | 3300    | 2160      | 1200 | 834 | 1650 | YXR1717-58 | 20000   | 3942      | 2190 | 1493 | 3018 |



### TYPE A,B,C HALL ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |        |        |      |     |       |      |      |
|------------|---------------------|-----------|--------|--------|------|-----|-------|------|------|
|            |                     | H         |        |        | H    | H1  | L     | L1   | B1   |
|            |                     | TYPE A    | TYPE B | TYPE C |      |     |       |      |      |
| YXR1718-01 | 40                  | 557       | 557    | 430    | 303  | 67  | 430   | 303  | 198  |
| YXR1718-02 | 60                  | 637       | 637    | 492    | 347  | 76  | 492   | 347  | 227  |
| YXR1718-03 | 100                 | 760       | 760    | 590    | 410  | 90  | 584   | 410  | 227  |
| YXR1718-04 | 125                 | 814       | 814    | 629    | 443  | 97  | 629   | 443  | 290  |
| YXR1718-05 | 150                 | 866       | 866    | 665    | 470  | 103 | 760   | 470  | 308  |
| YXR1718-06 | 180                 | 919       | 919    | 718    | 500  | 109 | 710   | 500  | 327  |
| YXR1718-07 | 240                 | 1019      | 1019   | 788    | 552  | 120 | 790   | 552  | 361  |
| YXR1718-08 | 300                 | 1095      | 1095   | 850    | 595  | 130 | 844   | 595  | 388  |
| YXR1718-09 | 360                 | 1160      | 1160   | 898    | 630  | 138 | 898   | 630  | 412  |
| YXR1718-10 | 420                 | 1160      | 1160   | 946    | 660  | 145 | 946   | 660  | 434  |
| YXR1718-11 | 480                 | 1222      | 1222   | 986    | 690  | 152 | 988   | 690  | 454  |
| YXR1718-12 | 570                 | 1355      | 1355   | 1042   | 732  | 161 | 1042  | 732  | 481  |
| YXR1718-13 | 660                 | 1356      | 1356   | 1093   | 769  | 169 | 1096  | 769  | 506  |
| YXR1718-14 | 780                 | 1506      | 1506   | 1170   | 813  | 178 | 1160  | 813  | 535  |
| YXR1718-15 | 900                 | 1580      | 1580   | 1215   | 855  | 188 | 1220  | 855  | 560  |
| YXR1718-16 | 1020                | 1645      | 1645   | 1268   | 855  | 188 | 1220  | 855  | 560  |
| YXR1718-17 | 1140                | 1705      | 1705   | 1316   | 926  | 203 | 1319  | 926  | 605  |
| YXR1718-18 | 1290                | 1778      | 1778   | 1378   | 891  | 195 | 1268  | 891  | 584  |
| YXR1718-19 | 1440                | 1844      | 1844   | 1448   | 965  | 203 | 13791 | 965  | 630  |
| YXR1718-20 | 1590                | 1906      | 1906   | 1511   | 1035 | 226 | 1475  | 1035 | 677  |
| YXR1718-21 | 1740                | 1966      | 1966   | 1571   | 1068 | 234 | 1517  | 1068 | 698  |
| YXR1718-22 | 1920                | 2031      | 2031   | 1602   | 1104 | 241 | 1568  | 1104 | 722  |
| YXR1718-23 | 2100                | 2093      | 2093   | 1651   | 1120 | 245 | 1560  | 1120 | 732  |
| YXR1718-24 | 2280                | 2150      | 2150   | 1716   | 1165 | 225 | 1657  | 1165 | 763  |
| YXR1718-25 | 2460                | 2207      | 2207   | 1785   | 1194 | 262 | 1700  | 1194 | 784  |
| YXR1718-26 | 2640                | 2259      | 2259   | 1843   | 1222 | 265 | 1730  | 1222 | 796  |
| YXR1718-27 | 2850                | 2318      | 2318   | 1890   | 1253 | 275 | 1787  | 1253 | 822  |
| YXR1718-28 | 3060                | 2374      | 2374   | 1935   | 1283 | 282 | 1832  | 1283 | 841  |
| YXR1718-29 | 3300                | 2432      | 2432   | 1985   | 1317 | 288 | 1880  | 1317 | 862  |
| YXR1718-30 | 3540                | 2490      | 2490   | 2032   | 1349 | 295 | 1926  | 1394 | 883  |
| YXR1718-31 | 3780                | 2547      | 2547   | 2077   | 1376 | 302 | 1965  | 1376 | 902  |
| YXR1718-32 | 4050                | 2610      | 2610   | 2125   | 1406 | 309 | 2008  | 1406 | 924  |
| YXR1718-33 | 4320                | 2695      | 2695   | 2171   | 1435 | 316 | 2051  | 1435 | 943  |
| YXR1718-34 | 4590                | 2712      | 2712   | 2216   | 1465 | 332 | 2093  | 1465 | 962  |
| YXR1718-35 | 4890                | 2769      | 2769   | 2263   | 1498 | 329 | 2135  | 1498 | 984  |
| YXR1718-36 | 5000                | 2800      | 2800   | 2317   | 1510 | 332 | 2156  | 1510 | 992  |
| YXR1718-37 | 5610                | 2899      | 2899   | 2369   | 1569 | 345 | 2234  | 1569 | 1031 |



TYPE A HALL ANCHOR

YXR1718



TYPE B HALL ANCHOR

YXR1718



TYPE C HALL ANCHOR

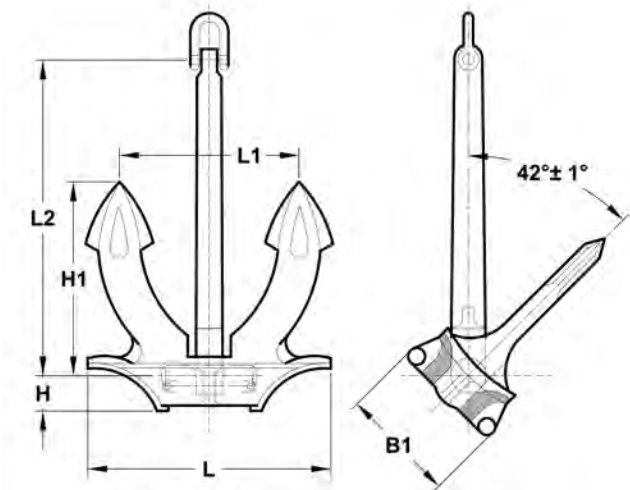
YXR1718

TYPE A,B,C HALL ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |        |        |      |     |      |      |      |
|------------|---------------------|-----------|--------|--------|------|-----|------|------|------|
|            |                     | H         |        |        | H    | H1  | L    | L1   | B1   |
|            |                     | TYPE A    | TYPE B | TYPE C |      |     |      |      |      |
| YXR1718-38 | 6000                | 2965      | 2965   | 2422   | 1605 | 352 | 2284 | 1605 | 1054 |
| YXR1718-39 | 6450                | 3037      | 3037   | 2482   | 1644 | 361 | 2340 | 1644 | 1080 |
| YXR1718-40 | 6900                | 3100      | 3100   | 2538   | 1681 | 369 | 2393 | 1681 | 1105 |
| YXR1718-41 | 7350                | 3100      | 3100   | 2592   | 1688 | 370 | 2400 | 1688 | 1109 |
| YXR1718-42 | 7800                | 3235      | 3235   | 2644   | 1752 | 385 | 2493 | 1752 | 1152 |
| YXR1718-43 | 8300                | 3363      | 3363   | 2699   | 1788 | 393 | 2545 | 1788 | 1176 |
| YXR1718-44 | 8700                | 3355      | 3355   | 2742   | 1816 | 399 | 2585 | 1816 | 1195 |
| YXR1718-45 | 9300                | 3430      | 3430   | 2804   | 1850 | 417 | 2632 | 1850 | 1226 |
| YXR1718-46 | 9900                | 3502      | 3502   | 2863   | 1896 | 417 | 2699 | 1896 | 1248 |
| YXR1718-47 | 10500               | 3571      | 3571   | 2920   | 1934 | 425 | 2752 | 1934 | 1273 |
| YXR1718-48 | 11100               | 3638      | 3638   | 2975   | 1970 | 433 | 2803 | 1970 | 1297 |
| YXR1718-49 | 11700               | 3702      | 3702   | 3028   | 2005 | 441 | 2853 | 2005 | 1320 |
| YXR1718-50 | 12300               | 3764      | 3764   | 3079   | 2039 | 448 | 2901 | 2039 | 1342 |
| YXR1718-51 | 12900               | 3824      | 3824   | 3128   | 2072 | 455 | 2947 | 2072 | 1363 |
| YXR1718-52 | 13500               | 3882      | 3882   | 3176   | 2104 | 462 | 2992 | 2104 | 1384 |
| YXR1718-53 | 14100               | 3939      | 3939   | 3222   | 2135 | 469 | 3036 | 2135 | 1404 |
| YXR1718-54 | 14700               | 3994      | 3994   | 3267   | 2165 | 476 | 3078 | 2165 | 1424 |
| YXR1718-55 | 15400               | 4056      | 4056   | 3299   | 2199 | 483 | 3126 | 2199 | 1446 |
| YXR1718-56 | 16100               | 4117      | 4117   | 3368   | 2232 | 490 | 3173 | 2232 | 1468 |
| YXR1718-57 | 16900               | 4184      | 4184   | 3423   | 2268 | 498 | 3225 | 2268 | 1492 |
| YXR1718-58 | 17800               | 4252      | 4252   | 3479   | 2308 | 506 | 3281 | 2308 | 1518 |
| YXR1718-59 | 18800               | 4330      | 4330   | 3543   | 2350 | 516 | 3341 | 2350 | 1546 |
| YXR1718-60 | 20000               | 4420      | 4420   | 3617   | 2399 | 526 | 3411 | 2399 | 1578 |
| YXR1718-61 | 21500               | 4528      | 4528   | 3705   | 2458 | 539 | 3494 | 2458 | 1617 |
| YXR1718-62 | 23000               | 4631      | 4631   | 3789   | 2514 | 551 | 3573 | 2514 | 1654 |
| YXR1718-63 | 24500               | 4730      | 4730   | 3870   | 2568 | 563 | 3649 | 2568 | 1689 |
| YXR1718-64 | 26000               | 4825      | 4825   | 3947   | 2619 | 574 | 3722 | 2619 | 1723 |
| YXR1718-65 | 27500               | 4916      | 4916   | 4021   | 2668 | 585 | 3792 | 2668 | 1756 |
| YXR1718-66 | 29000               | 5004      | 5004   | 4093   | 2716 | 595 | 3860 | 2716 | 1787 |
| YXR1718-67 | 31000               | 5126      | 5126   | 4188   | 2774 | 609 | 3949 | 2774 | 1822 |
| YXR1718-68 | 33000               | 5234      | 5234   | 4276   | 2833 | 622 | 4032 | 2833 | 1860 |
| YXR1718-69 | 35500               | 5363      | 5363   | 4381   | 2903 | 637 | 4132 | 2903 | 1906 |
| YXR1718-70 | 38500               | 5510      | 5510   | 4502   | 2982 | 655 | 4245 | 2982 | 1958 |
| YXR1718-71 | 42000               | 5672      | 5672   | 4634   | 3070 | 674 | 4370 | 3070 | 2015 |
| YXR1718-72 | 46000               | 5847      | 5847   | 4777   | 3165 | 695 | 4505 | 3165 | 2078 |



YXR1719



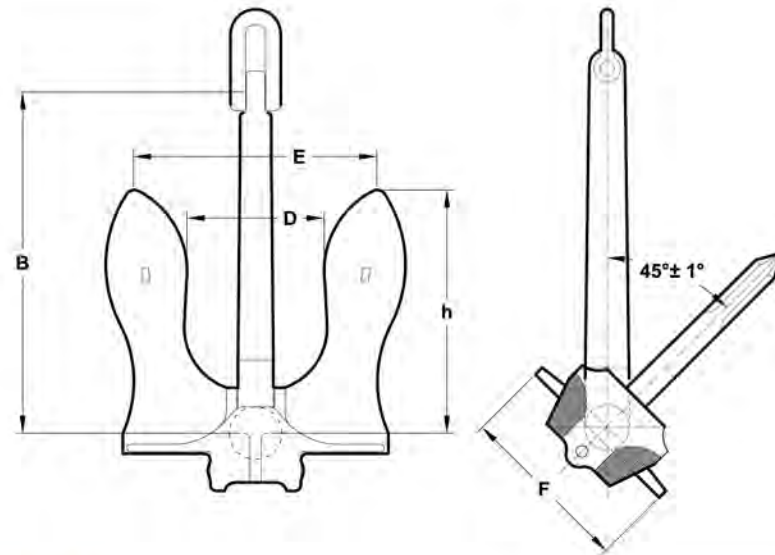
JAPAN STOCKLESS ANCHOR

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |     |      |     | ITEM NO.   | WT (KG) | SIZE (MM) |      |      |     |      |      |
|------------|---------|-----------|------|------|-----|------|-----|------------|---------|-----------|------|------|-----|------|------|
|            |         | L         | L1   | L2   | H   | H1   | B1  |            |         | L         | L1   | L2   | H   | H1   | B1   |
| YXR1719-01 | 180     | 650       | 459  | 910  | 111 | 480  | 280 | YXR1719-34 | 6450    | 2140      | 1510 | 3000 | 364 | 1580 | 920  |
| YXR1719-02 | 240     | 720       | 510  | 1010 | 122 | 530  | 310 | YXR1719-35 | 6900    | 2190      | 1550 | 3070 | 372 | 1620 | 940  |
| YXR1719-03 | 300     | 770       | 540  | 1080 | 131 | 570  | 331 | YXR1719-36 | 7350    | 2240      | 1600 | 3140 | 380 | 1660 | 960  |
| YXR1719-04 | 360     | 820       | 580  | 1150 | 139 | 610  | 353 | YXR1719-37 | 7800    | 2280      | 1610 | 3190 | 388 | 1680 | 980  |
| YXR1719-05 | 420     | 860       | 610  | 1200 | 146 | 640  | 370 | YXR1719-38 | 8300    | 2330      | 1650 | 3260 | 396 | 1720 | 1000 |
| YXR1719-06 | 480     | 900       | 640  | 1260 | 153 | 670  | 387 | YXR1719-39 | 8700    | 2380      | 1670 | 3320 | 403 | 1750 | 1020 |
| YXR1719-07 | 570     | 950       | 670  | 1330 | 162 | 700  | 408 | YXR1719-40 | 9300    | 2420      | 1710 | 3390 | 411 | 1790 | 1040 |
| YXR1719-08 | 660     | 1000      | 710  | 1440 | 170 | 740  | 430 | YXR1719-41 | 9900    | 2470      | 1740 | 3460 | 420 | 1820 | 1060 |
| YXR1719-09 | 780     | 1060      | 750  | 1480 | 180 | 780  | 456 | YXR1719-42 | 10500   | 2520      | 1800 | 3530 | 428 | 1880 | 1090 |
| YXR1719-10 | 900     | 1110      | 780  | 1550 | 189 | 820  | 477 | YXR1719-43 | 11100   | 2570      | 1800 | 3600 | 437 | 1880 | 1090 |
| YXR1719-11 | 1020    | 1160      | 820  | 1620 | 197 | 860  | 500 | YXR1719-44 | 11700   | 2610      | 1855 | 3650 | 444 | 1945 | 1130 |
| YXR1719-12 | 1140    | 1200      | 850  | 1680 | 204 | 890  | 520 | YXR1719-45 | 12300   | 2650      | 1855 | 3710 | 450 | 1945 | 1130 |
| YXR1719-13 | 1290    | 1250      | 880  | 1750 | 212 | 920  | 540 | YXR1719-46 | 12900   | 2690      | 1885 | 3870 | 457 | 1975 | 1170 |
| YXR1719-14 | 1440    | 1300      | 920  | 1820 | 221 | 960  | 560 | YXR1719-47 | 13500   | 2740      | 1885 | 3840 | 466 | 1975 | 1170 |
| YXR1719-15 | 1590    | 1340      | 950  | 1880 | 228 | 990  | 580 | YXR1719-48 | 14100   | 2780      | 1960 | 3890 | 473 | 2050 | 1200 |
| YXR1719-16 | 1740    | 1380      | 980  | 1930 | 235 | 1020 | 600 | YXR1719-49 | 14700   | 2820      | 1990 | 3950 | 479 | 2080 | 1210 |
| YXR1719-17 | 1920    | 1430      | 1010 | 2000 | 243 | 1060 | 620 | YXR1719-50 | 15400   | 2860      | 2020 | 4000 | 486 | 2110 | 1230 |
| YXR1719-18 | 2100    | 1470      | 1040 | 2060 | 250 | 1090 | 640 | YXR1719-51 | 16100   | 2900      | 2050 | 4060 | 493 | 2140 | 1250 |
| YXR1719-19 | 2280    | 1510      | 1070 | 2110 | 257 | 1120 | 650 | YXR1719-52 | 16900   | 2955      | 2080 | 4130 | 500 | 2180 | 1270 |
| YXR1719-20 | 2460    | 1550      | 1100 | 2170 | 264 | 1150 | 670 | YXR1719-53 | 17800   | 3000      | 2120 | 4200 | 510 | 2210 | 1290 |
| YXR1719-21 | 2640    | 1590      | 1120 | 2230 | 270 | 1180 | 690 | YXR1719-54 | 18800   | 3060      | 2160 | 4280 | 520 | 2260 | 1320 |
| YXR1719-22 | 2850    | 1630      | 1150 | 2280 | 277 | 1210 | 700 | YXR1719-55 | 20000   | 3120      | 2200 | 4370 | 530 | 2300 | 1340 |
| YXR1719-23 | 3060    | 1670      | 1180 | 2340 | 284 | 1240 | 720 | YXR1719-56 | 21500   | 3200      | 2260 | 4480 | 540 | 2360 | 1380 |
| YXR1719-24 | 3300    | 1710      | 1210 | 2390 | 291 | 1270 | 740 | YXR1719-57 | 23000   | 3270      | 2310 | 4580 | 560 | 2410 | 1410 |
| YXR1719-25 | 3540    | 1750      | 1240 | 2450 | 298 | 1290 | 750 | YXR1719-58 | 24500   | 3340      | 2360 | 4680 | 570 | 2460 | 1440 |
| YXR1719-26 | 3780    | 1790      | 1260 | 2510 | 304 | 1320 | 770 | YXR1719-59 | 26000   | 3410      | 2410 | 4770 | 580 | 2520 | 1470 |
| YXR1719-27 | 4050    | 1830      | 1290 | 2560 | 311 | 1350 | 790 | YXR1719-60 | 27500   | 3470      | 2450 | 4860 | 590 | 2560 | 1490 |
| YXR1719-28 | 4320    | 1870      | 1320 | 2620 | 318 | 1380 | 800 | YXR1719-61 | 29000   | 3530      | 2490 | 4940 | 600 | 2660 | 1550 |
| YXR1719-29 | 4590    | 1910      | 1350 | 2670 | 325 | 1410 | 820 | YXR1719-62 | 33000   | 3690      | 2610 | 5170 | 630 | 2720 | 1590 |
| YXR1719-30 | 4890    | 1950      | 1380 | 2730 | 332 | 1440 | 840 | YXR1719-63 | 35500   | 3780      | 2670 | 5290 | 640 | 2790 | 1630 |
| YXR1719-31 | 5250    | 2000      | 1410 | 2800 | 340 | 1480 | 860 | YXR1719-64 | 38500   | 3880      | 2740 | 5430 | 660 | 2860 | 1670 |
| YXR1719-32 | 5610    | 2040      | 1440 | 2860 | 347 | 1510 | 880 | YXR1719-65 | 42000   | 4000      | 2820 | 5600 | 680 | 2950 | 1720 |
| YXR1719-33 | 6000    | 2090      | 1480 | 2930 | 355 | 1540 | 900 | YXR1719-66 | 46000   | 4120      | 2910 | 5770 | 700 | 3040 | 1770 |



YXR1720

### U.S.N (NAVY) STOCKLESS ANCHOR

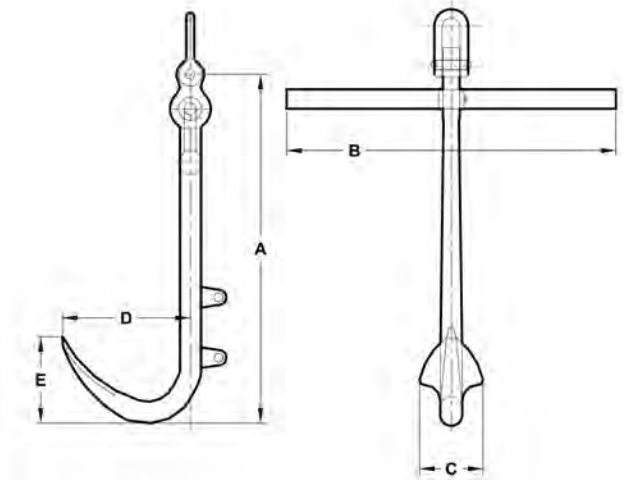


| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |      |
|------------|---------------------|-----------|------|------|------|------|
|            |                     | B         | D    | E    | F    | H    |
| YXR1720-01 | 300                 | 727       | 319  | 562  | 348  | 510  |
| YXR1720-02 | 400                 | 800       | 351  | 619  | 364  | 570  |
| YXR1720-03 | 500                 | 863       | 379  | 666  | 412  | 614  |
| YXR1720-04 | 600                 | 914       | 402  | 708  | 438  | 652  |
| YXR1720-05 | 750                 | 984       | 423  | 763  | 461  | 687  |
| YXR1720-06 | 800                 | 1008      | 443  | 778  | 483  | 710  |
| YXR1720-07 | 1000                | 1071      | 477  | 839  | 520  | 773  |
| YXR1720-08 | 1200                | 1152      | 507  | 892  | 532  | 822  |
| YXR1720-09 | 1300                | 1184      | 521  | 926  | 567  | 844  |
| YXR1720-10 | 1500                | 1244      | 546  | 962  | 596  | 883  |
| YXR1720-11 | 1800                | 1320      | 580  | 1021 | 632  | 941  |
| YXR1720-12 | 2000                | 1371      | 601  | 1058 | 655  | 975  |
| YXR1720-13 | 2200                | 1412      | 621  | 1092 | 676  | 1006 |
| YXR1720-14 | 2500                | 1473      | 648  | 1139 | 706  | 1050 |
| YXR1720-15 | 3000                | 1564      | 704  | 1270 | 775  | 1090 |
| YXR1720-16 | 3500                | 1641      | 725  | 1275 | 790  | 1175 |
| YXR1720-17 | 4000                | 1724      | 758  | 1333 | 826  | 1228 |
| YXR1720-18 | 5000                | 1884      | 816  | 1436 | 889  | 1323 |
| YXR1720-19 | 6000                | 1974      | 867  | 1528 | 947  | 1403 |
| YXR1720-20 | 7000                | 2082      | 913  | 1606 | 996  | 1480 |
| YXR1720-21 | 8000                | 2171      | 955  | 1679 | 1040 | 1547 |
| YXR1720-22 | 9000                | 2257      | 993  | 1747 | 1082 | 1609 |
| YXR1720-23 | 10000               | 2336      | 1028 | 1809 | 1120 | 1667 |
| YXR1720-24 | 11000               | 2413      | 1062 | 1868 | 1158 | 1721 |
| YXR1720-25 | 12000               | 2486      | 1093 | 1924 | 1193 | 1771 |
| YXR1720-26 | 13000               | 2540      | 1122 | 1965 | 1194 | 1819 |
| YXR1720-27 | 14500               | 2641      | 1144 | 2047 | 1270 | 1887 |
| YXR1720-28 | 15000               | 2679      | 1177 | 2089 | 1295 | 1908 |
| YXR1720-29 | 16000               | 2735      | 1203 | 2116 | 1311 | 1950 |
| YXR1720-30 | 18000               | 2844      | 1251 | 2200 | 1365 | 2028 |
| YXR1720-31 | 20000               | 2946      | 1296 | 2280 | 1412 | 2100 |
| YXR1720-32 | 22500               | 3060      | 1345 | 2370 | 1463 | 2134 |
| YXR1720-33 | 25000               | 3174      | 1396 | 2456 | 1521 | 2262 |
| YXR1720-34 | 30000               | 3371      | 1483 | 2628 | 1643 | 2404 |

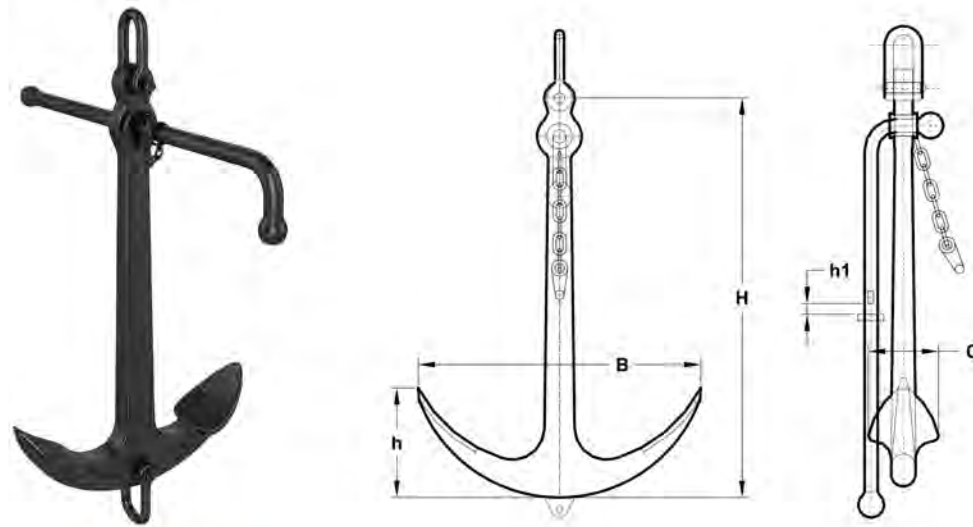


YXR1721

### SINGLE FLUKE ANCHOR



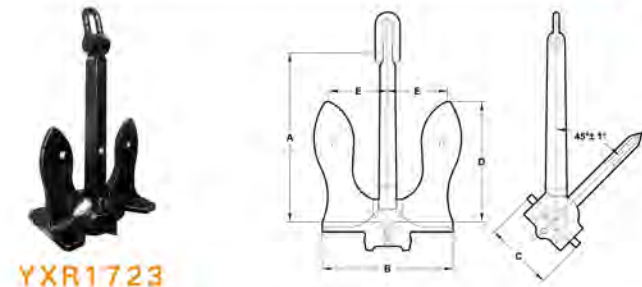
| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |      |      |      |
|------------|---------------------|-----------|------|------|------|------|
|            |                     | A         | B    | C    | D    | E    |
| YXR1721-01 | 75                  | 1310      | 1100 | 360  | 455  | 465  |
| YXR1721-02 | 100                 | 1445      | 1200 | 400  | 500  | 510  |
| YXR1721-03 | 150                 | 1650      | 1380 | 455  | 575  | 585  |
| YXR1721-04 | 200                 | 1820      | 1520 | 505  | 630  | 645  |
| YXR1721-05 | 300                 | 2080      | 1740 | 575  | 725  | 735  |
| YXR1721-06 | 400                 | 2290      | 1915 | 635  | 800  | 810  |
| YXR1721-07 | 500                 | 2470      | 2065 | 680  | 855  | 875  |
| YXR1721-08 | 600                 | 2620      | 2190 | 725  | 910  | 930  |
| YXR1721-09 | 800                 | 2890      | 2415 | 800  | 1000 | 1020 |
| YXR1721-10 | 1000                | 3110      | 2600 | 860  | 1080 | 1100 |
| YXR1721-11 | 1250                | 3350      | 2800 | 925  | 1165 | 1185 |
| YXR1721-12 | 1500                | 3560      | 2980 | 985  | 1235 | 1260 |
| YXR1721-13 | 1750                | 3750      | 3135 | 1035 | 1300 | 1325 |
| YXR1721-14 | 2000                | 3920      | 3275 | 1085 | 1360 | 1385 |
| YXR1721-15 | 3000                | 4485      | 3750 | 1240 | 1555 | 1585 |
| YXR1721-16 | 4000                | 4940      | 4125 | 1360 | 1710 | 1745 |
| YXR1721-17 | 5000                | 5320      | 4440 | 1472 | 1845 | 1880 |
| YXR1721-18 | 6000                | 5650      | 4720 | 1560 | 1960 | 1995 |
| YXR1721-19 | 7000                | 5950      | 4970 | 1645 | 2065 | 2100 |
| YXR1721-20 | 8000                | 6220      | 5200 | 1720 | 2155 | 2200 |
| YXR1721-21 | 9000                | 6468      | 5400 | 1790 | 2240 | 2288 |
| YXR1721-22 | 10000               | 6700      | 5600 | 1852 | 2320 | 2154 |
| YXR1721-23 | 12000               | 7115      | 5950 | 1968 | 2465 | 2516 |
| YXR1721-24 | 15000               | 7670      | 6410 | 2120 | 2657 | 2710 |
| YXR1721-25 | 18000               | 8148      | 6810 | 2253 | 2823 | 2882 |
| YXR1721-26 | 20000               | 8400      | 7020 | 2320 | 2910 | 2970 |
| YXR1721-27 | 22000               | 8710      | 7275 | 2410 | 3020 | 3074 |
| YXR1721-28 | 25000               | 9080      | 7590 | 2510 | 3146 | 3212 |



YXR1722

GB/T545-1996 ADMIRALTY ANCHOR

| ITEM NO.   | NOMINAL WEIGHT (KG) | SIZE (MM) |      |     |      |      |
|------------|---------------------|-----------|------|-----|------|------|
|            |                     | H         | H    | H1  | B    | C    |
| YXR1722-01 | 50                  | 960       | 230  | 42  | 635  | 185  |
| YXR1722-02 | 75                  | 1105      | 266  | 45  | 710  | 210  |
| YXR1722-03 | 100                 | 1215      | 293  | 49  | 780  | 230  |
| YXR1722-04 | 125                 | 1310      | 316  | 52  | 840  | 245  |
| YXR1722-05 | 150                 | 1395      | 336  | 55  | 900  | 265  |
| YXR1722-06 | 200                 | 1535      | 370  | 61  | 990  | 290  |
| YXR1722-07 | 250                 | 1650      | 398  | 65  | 1065 | 310  |
| YXR1722-08 | 300                 | 1755      | 423  | 70  | 1105 | 330  |
| YXR1722-09 | 400                 | 1930      | 465  | 77  | 1240 | 365  |
| YXR1722-10 | 500                 | 2080      | 502  | 84  | 1335 | 390  |
| YXR1722-11 | 600                 | 2210      | 533  | 89  | 1440 | 415  |
| YXR1722-12 | 700                 | 2330      | 560  | 93  | 1500 | 440  |
| YXR1722-13 | 800                 | 2435      | 587  | 97  | 1570 | 460  |
| YXR1722-14 | 900                 | 2530      | 610  | 101 | 1630 | 475  |
| YXR1722-15 | 1000                | 2620      | 633  | 104 | 1685 | 495  |
| YXR1722-16 | 1250                | 2825      | 680  | 112 | 1810 | 535  |
| YXR1722-17 | 1500                | 3000      | 725  | 118 | 1955 | 565  |
| YXR1722-18 | 2000                | 3300      | 797  | 131 | 2140 | 625  |
| YXR1722-19 | 2500                | 3550      | 857  | 138 | 2270 | 672  |
| YXR1722-20 | 3000                | 3780      | 912  | 150 | 2415 | 715  |
| YXR1722-21 | 3500                | 3980      | 960  | 158 | 2540 | 750  |
| YXR1722-22 | 4000                | 4160      | 1000 | 155 | 2650 | 785  |
| YXR1722-23 | 5000                | 4480      | 1100 | 184 | 2830 | 800  |
| YXR1722-24 | 6000                | 4740      | 1113 | 190 | 3000 | 838  |
| YXR1722-25 | 7000                | 5025      | 1180 | 200 | 3165 | 960  |
| YXR1722-26 | 8000                | 5240      | 1280 | 210 | 3300 | 980  |
| YXR1722-27 | 9000                | 5450      | 1330 | 220 | 3440 | 990  |
| YXR1722-28 | 10000               | 5680      | 1340 | 230 | 3600 | 1085 |

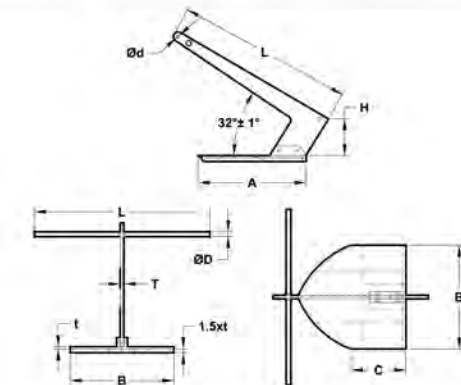


BELDT STOCKLESS ANCHOR YXR1723

| ITEM NO.   | WT (KG) | SIZE (MM) |      |      |      |      |
|------------|---------|-----------|------|------|------|------|
|            |         | A         | B    | C    | D    | E    |
| YXR1723-01 | 160     | 634       | 404  | 219  | 336  | 175  |
| YXR1723-02 | 200     | 685       | 457  | 241  | 366  | 191  |
| YXR1723-03 | 250     | 749       | 524  | 269  | 404  | 210  |
| YXR1723-04 | 300     | 812       | 590  | 296  | 442  | 230  |
| YXR1723-05 | 400     | 812       | 654  | 330  | 482  | 250  |
| YXR1723-06 | 500     | 900       | 673  | 356  | 530  | 288  |
| YXR1723-07 | 750     | 965       | 770  | 407  | 584  | 308  |
| YXR1723-08 | 1000    | 1067      | 854  | 457  | 640  | 348  |
| YXR1723-09 | 1250    | 1165      | 923  | 475  | 720  | 370  |
| YXR1723-10 | 1500    | 1232      | 1005 | 515  | 748  | 392  |
| YXR1723-11 | 2000    | 1370      | 1092 | 558  | 848  | 430  |
| YXR1723-12 | 2100    | 1370      | 1092 | 558  | 848  | 436  |
| YXR1723-13 | 2500    | 1473      | 1136 | 568  | 848  | 448  |
| YXR1723-14 | 3000    | 1625      | 1194 | 648  | 912  | 483  |
| YXR1723-15 | 3500    | 1625      | 1340 | 698  | 1003 | 500  |
| YXR1723-16 | 4000    | 1734      | 1354 | 705  | 1054 | 518  |
| YXR1723-17 | 4500    | 1794      | 1440 | 735  | 1066 | 563  |
| YXR1723-18 | 5000    | 1930      | 1460 | 762  | 1130 | 588  |
| YXR1723-19 | 6000    | 1930      | 1613 | 844  | 1194 | 642  |
| YXR1723-20 | 6300    | 1930      | 1613 | 844  | 1194 | 642  |
| YXR1723-21 | 7000    | 2082      | 1691 | 882  | 1263 | 668  |
| YXR1723-22 | 8000    | 2265      | 1691 | 894  | 1276 | 668  |
| YXR1723-23 | 9000    | 2438      | 1784 | 924  | 1314 | 695  |
| YXR1723-24 | 9500    | 2438      | 1851 | 957  | 1392 | 710  |
| YXR1723-25 | 10000   | 2438      | 1918 | 990  | 1470 | 725  |
| YXR1723-26 | 11000   | 2438      | 1950 | 1016 | 1473 | 778  |
| YXR1723-27 | 12000   | 2438      | 1950 | 1016 | 1473 | 778  |
| YXR1723-28 | 13000   | 2489      | 1949 | 1016 | 1473 | 799  |
| YXR1723-29 | 14000   | 2616      | 2045 | 1118 | 1524 | 818  |
| YXR1723-30 | 15000   | 2616      | 2184 | 1168 | 1600 | 875  |
| YXR1723-31 | 16000   | 2738      | 2184 | 1168 | 1651 | 875  |
| YXR1723-32 | 17200   | 2738      | 2184 | 1222 | 1660 | 875  |
| YXR1723-33 | 18000   | 2850      | 2240 | 1232 | 1667 | 888  |
| YXR1723-34 | 20000   | 2840      | 2440 | 1270 | 1866 | 990  |
| YXR1723-35 | 25000   | 3048      | 2616 | 1365 | 1968 | 990  |
| YXR1723-36 | 30000   | 3251      | 2794 | 1454 | 2096 | 1052 |
| YXR1723-37 | 35000   | 3429      | 2946 | 1524 | 2210 | 1107 |
| YXR1723-38 | 40000   | 3556      | 3073 | 1600 | 2311 | 1157 |
| YXR1723-39 | 45000   | 3733      | 3200 | 1651 | 2388 | 1203 |
| YXR1723-40 | 50000   | 3860      | 3327 | 1727 | 2515 | 1246 |



YXR1724



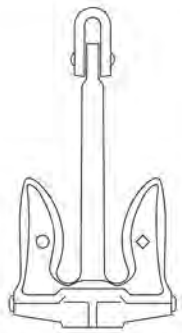
EGERSUND PLOUGH ANCHOR

| ITEM NO.   | WEIGHT (KG) | FLUKE |      |      |    | SHANK |      |     | STOCK |     |
|------------|-------------|-------|------|------|----|-------|------|-----|-------|-----|
|            |             | A     | B    | C    | T  | T     | L    | H   | Φd    | ΦD  |
| YXR1724-01 | 300         | 1030  | 945  | 550  | 20 | 34    | 1650 | 393 | 50    | 50  |
| YXR1724-02 | 500         | 1290  | 1220 | 650  | 22 | 40    | 2100 | 440 | 50    | 50  |
| YXR1724-03 | 700         | 1400  | 1280 | 700  | 28 | 45    | 2350 | 492 | 60    | 60  |
| YXR1724-04 | 1000        | 1560  | 1480 | 780  | 30 | 50    | 2590 | 551 | 60    | 70  |
| YXR1724-05 | 1500        | 1760  | 1690 | 890  | 39 | 60    | 2865 | 594 | 60    | 80  |
| YXR1724-06 | 2000        | 1970  | 1840 | 940  | 40 | 65    | 3000 | 712 | 75    | 90  |
| YXR1724-07 | 2500        | 2100  | 1980 | 970  | 45 | 70    | 3200 | 765 | 80    | 95  |
| YXR1724-08 | 3000        | 2200  | 2070 | 1050 | 50 | 75    | 3355 | 95  | 85    | 100 |

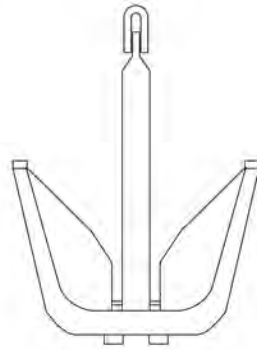
## OTHER ANCHOR

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

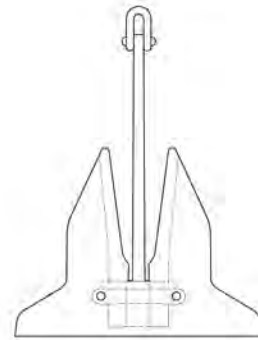
ANSALDO



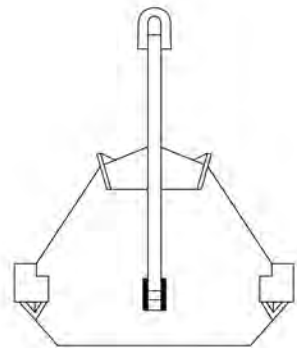
HEUSS - SPECIAL



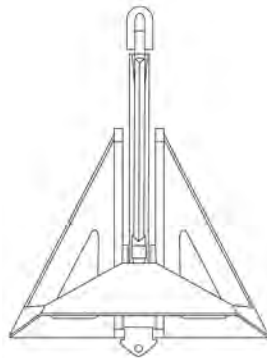
STOKES



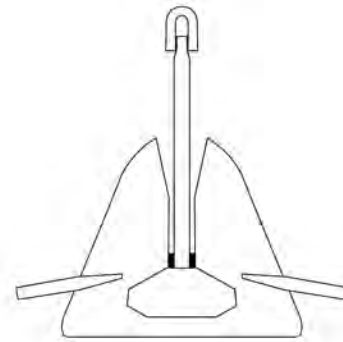
HOOK



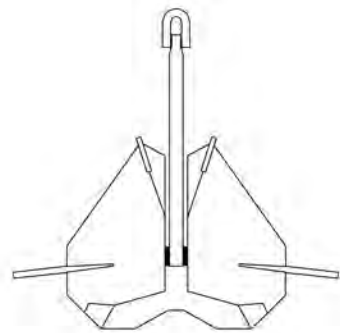
FLIPPER DELTA



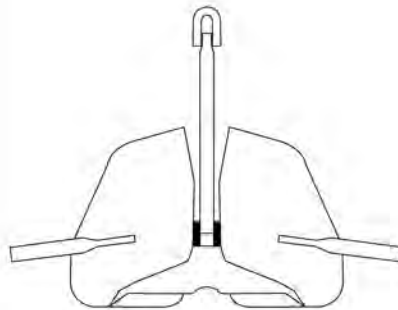
STEVIN



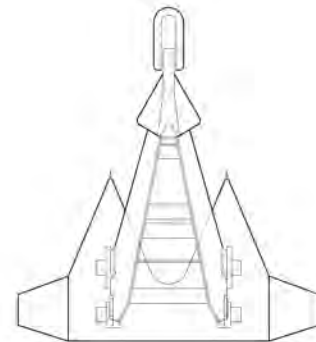
STEVFIX



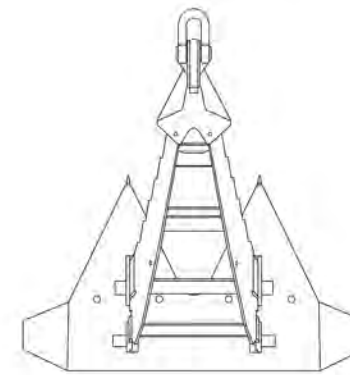
STEVMUD



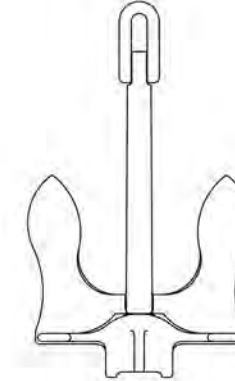
STEVPRIS



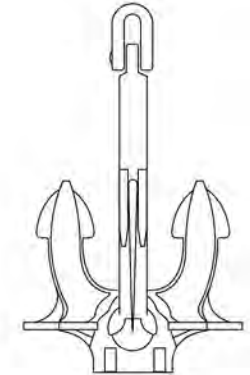
STEVSHARK



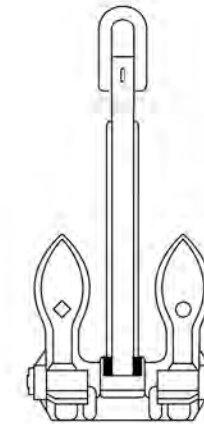
BALDT



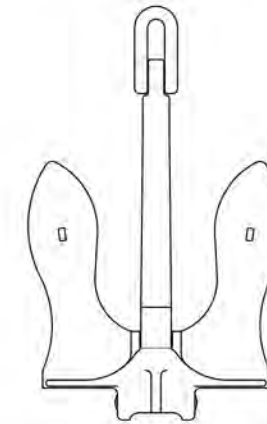
UNION



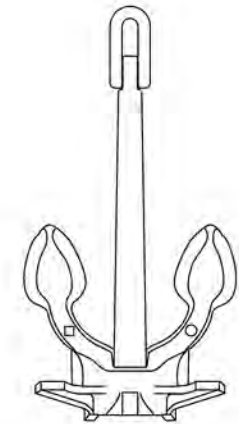
BYERS



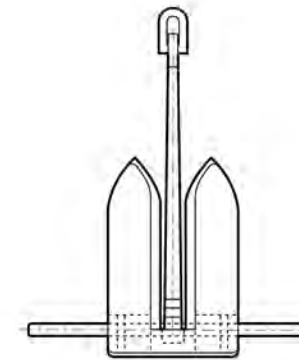
U.S. NAVY STOCKLESS



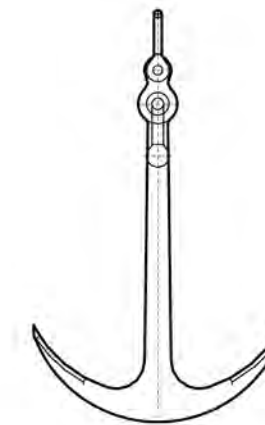
GRUSON



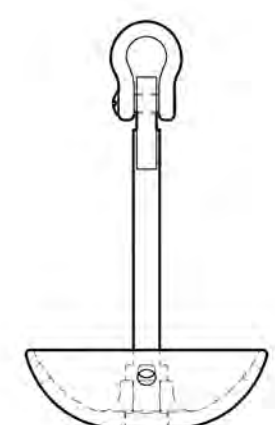
OFFDRILL



ADMIRALTY

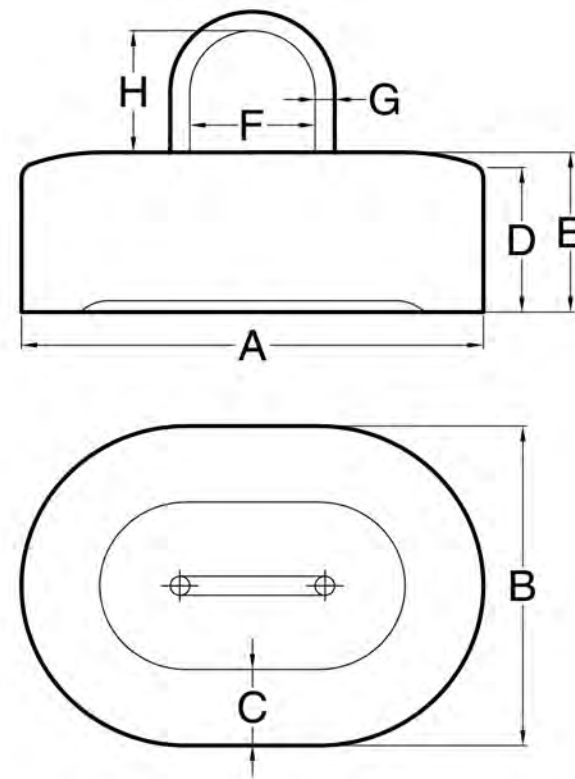


MUSHROOM





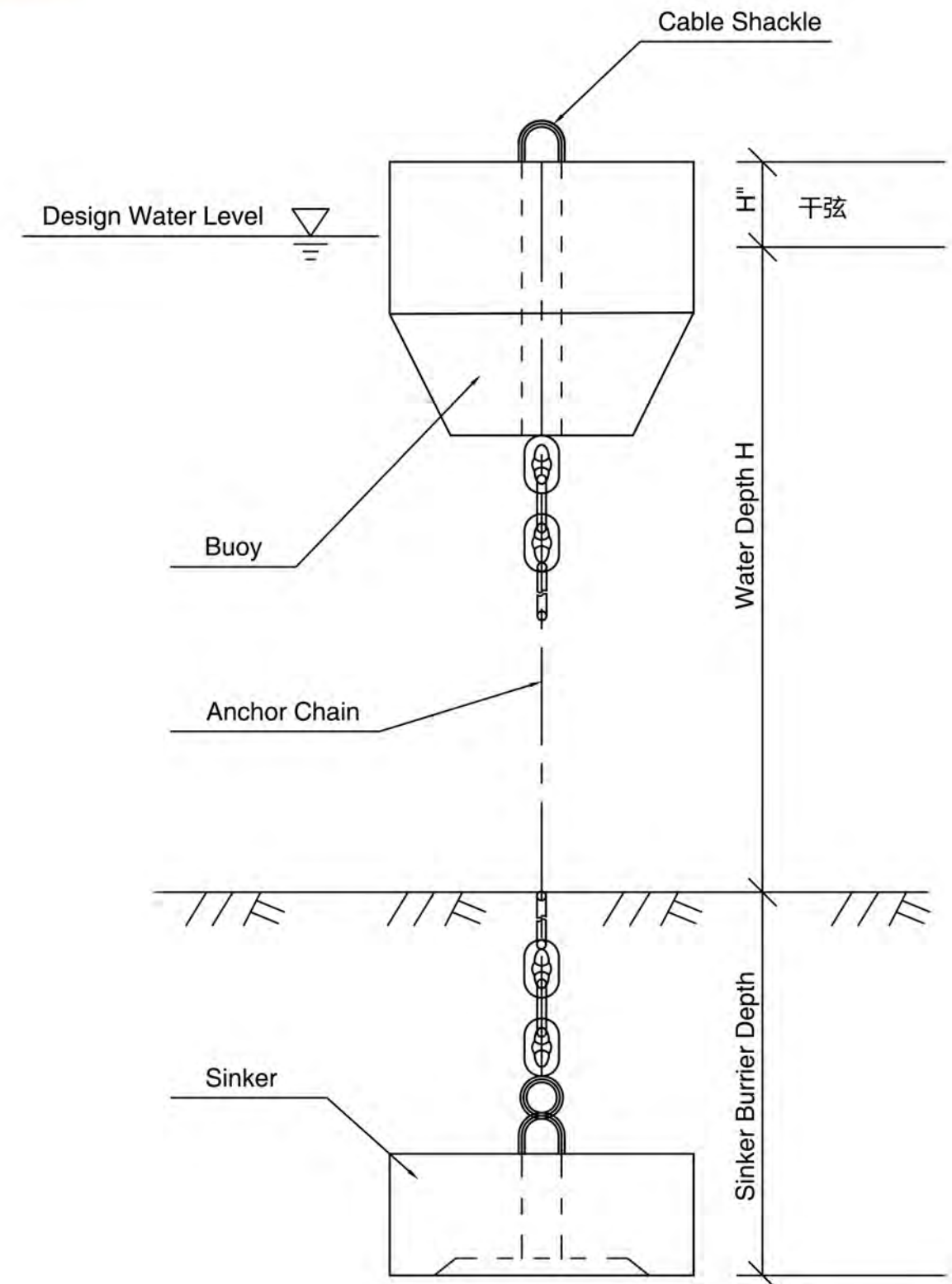
YXR1725



## SINKER

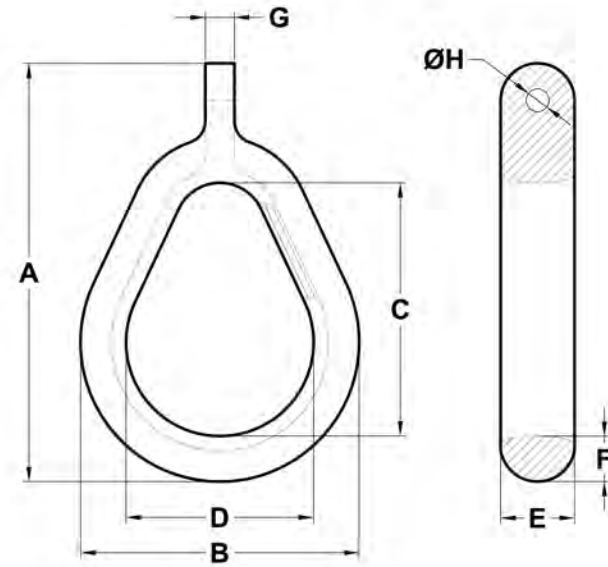
| ITEM NO.   | MODEL NO. | SIZE (MM) |      |     |     |     |     |    |     |
|------------|-----------|-----------|------|-----|-----|-----|-----|----|-----|
|            |           | A         | B    | C   | D   | E   | F   | G  | H   |
| YXR1725-01 | 250KG     | 590       | 420  | 100 | 190 | 210 | 130 | 25 | 160 |
| YXR1725-02 | 500KG     | 780       | 590  | 150 | 210 | 250 | 160 | 30 | 160 |
| YXR1725-03 | 1000KG    | 1100      | 900  | 150 | 170 | 200 | 160 | 60 | 160 |
| YXR1725-04 | 1500KG    | 1250      | 940  | 150 | 210 | 250 | 210 | 70 | 210 |
| YXR1725-05 | 2000KG    | 1350      | 1010 | 100 | 250 | 290 | 210 | 70 | 210 |
| YXR1725-06 | 2500KG    | 1450      | 1035 | 150 | 280 | 320 | 210 | 70 | 210 |
| YXR1725-07 | 3000KG    | 1550      | 1160 | 150 | 280 | 320 | 210 | 70 | 210 |
| YXR1725-08 | 4000KG    | 1580      | 1300 | 150 | 330 | 370 | 210 | 75 | 260 |
| YXR1725-09 | 5000KG    | 1830      | 1370 | 150 | 360 | 400 | 210 | 75 | 260 |
| YXR1725-10 | 7000KG    | 1830      | 1370 | 150 | 500 | 540 | 210 | 75 | 260 |

## SINKER





YXR1726

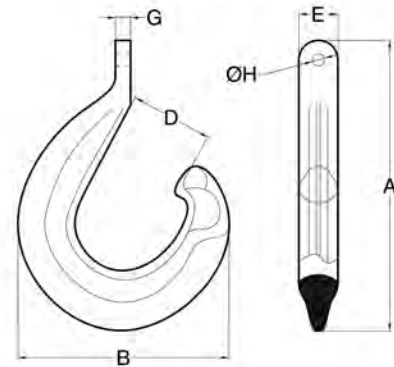


### CHASER TYPE SOT

| ITEM NO.   | MODEL NO. | SIZE (MM) |      |      |     |     |     |     |     |
|------------|-----------|-----------|------|------|-----|-----|-----|-----|-----|
|            |           | A         | B    | C    | D   | E   | F   | G   | H   |
| YXR1726-01 | 100       | 1657      | 1143 | 991  | 762 | 305 | 191 | 124 | 86  |
| YXR1726-02 | 130       | 1702      | 1168 | 991  | 762 | 381 | 203 | 130 | 99  |
| YXR1726-03 | 130       | 1867      | 1245 | 1130 | 838 | 330 | 203 | 130 | 99  |
| YXR1726-04 | 250       | 2040      | 1361 | 1130 | 838 | 406 | /   | 191 | 144 |



YXR1727

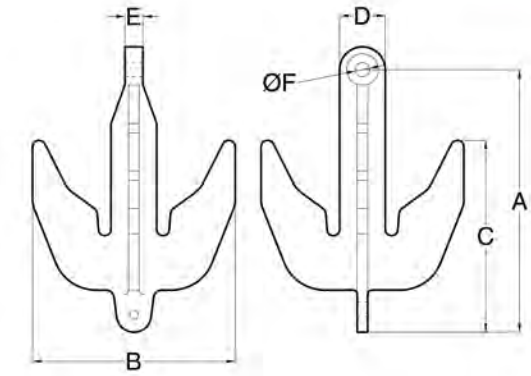


### J-CHASER HOOK

| ITEM NO.   | MODEL NO. | SIZE (MM) |      |     |     |     |     |
|------------|-----------|-----------|------|-----|-----|-----|-----|
|            |           | A         | B    | D   | E   | G   | H   |
| YXR1727-01 | 10T       | 782       | 566  | 229 | 105 | 41  | 33  |
| YXR1727-02 | 20T       | 1040      | 759  | 307 | 140 | 55  | 45  |
| YXR1727-03 | 30T       | 1219      | 882  | 357 | 163 | 64  | 52  |
| YXR1727-04 | 40T       | 1267      | 917  | 371 | 170 | 66  | 60  |
| YXR1727-05 | 50T       | 1563      | 1131 | 458 | 209 | 82  | 67  |
| YXR1727-06 | 75T       | 1912      | 1384 | 560 | 256 | 100 | 82  |
| YXR1727-07 | 110T      | 2438      | 1829 | 699 | 306 | 124 | 86  |
| YXR1727-08 | 130T      | 2438      | 1829 | 699 | 320 | 124 | 86  |
| YXR1727-09 | 150T      | 2528      | 1832 | 740 | 338 | 132 | 108 |
| YXR1727-10 | 250T      | 2390      | 1730 | 720 | 350 | 180 | 145 |



YXR1728

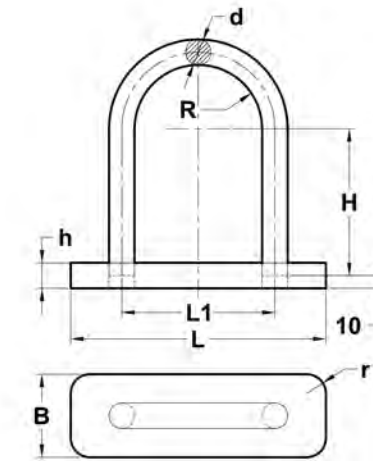


### GRAPNEL HOOK

| ITEM NO.   | MODEL NO. | SIZE (MM) |      |      |     |     |     |
|------------|-----------|-----------|------|------|-----|-----|-----|
|            |           | A         | B    | C    | D   | E   | F   |
| YXR1728-01 | 10T       | 605       | 466  | 449  | 102 | 39  | 38  |
| YXR1728-02 | 20T       | 800       | 617  | 594  | 135 | 51  | 50  |
| YXR1728-03 | 30T       | 889       | 686  | 660  | 150 | 57  | 56  |
| YXR1728-04 | 40T       | 1000      | 768  | 726  | 171 | 64  | 70  |
| YXR1728-05 | 50T       | 1111      | 850  | 793  | 193 | 71  | 76  |
| YXR1728-06 | 75T       | 1389      | 1054 | 958  | 264 | 89  | 90  |
| YXR1728-07 | 110T      | 1778      | 1340 | 1190 | 320 | 114 | 110 |
| YXR1728-08 | 130T      | 1778      | 1350 | 1200 | 330 | 114 | 110 |
| YXR1728-09 | 150T      | 1786      | 1403 | 1240 | 337 | 117 | 118 |
| YXR1728-10 | 250T      | 1823      | 1670 | 1440 | 370 | 130 | 145 |



YXR1729



### CHAIN LOCKER EYE RING TYPE A CB 807-75

| ITEM NO.   | DIA. OF CHAIN | SIZE (MM) |     |     |     |    |     |    |    |
|------------|---------------|-----------|-----|-----|-----|----|-----|----|----|
|            |               | L         | L1  | B   | H   | D  | R   | H  | R  |
| YXR1729-01 | 13-15         | 200       | 120 | 65  | 115 | 20 | 50  | 20 | 15 |
| YXR1729-02 | 17-19         | 240       | 145 | 70  | 130 | 25 | 60  | 20 | 15 |
| YXR1729-03 | 22-25         | 330       | 200 | 90  | 210 | 40 | 80  | 25 | 15 |
| YXR1729-04 | 23-31         | 410       | 250 | 100 | 250 | 50 | 100 | 30 | 15 |
| YXR1729-05 | 34-37         | 500       | 305 | 130 | 270 | 65 | 120 | 40 | 15 |
| YXR1729-06 | 40-43         | 600       | 365 | 150 | 295 | 75 | 140 | 40 | 15 |

## MARINE CASTING STEEL

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.



PANAMA CHOCK (TYPE BC)



PANAMA CHOCK (TYPE AC)



DIN81951 CHOCKS (TYPE A)



DIN81951 CHOCKS (TYPE C)



ISO13728 PANAMA CHOCK (TYPE A)



ISO13728 PANAMA CHOCK (TYPE B)



TOWING CHOCK (TYPE EU)



CURVED BOLLARD (TYPE A)



CURVED BOLLARD (TYPE B)



SINGLE-BITE BOLLARD (JIS TYPE)



J TYPE DOCK BOLLARD



TEE BOLLARD

## MARINE CASTING STEEL



T-HEAD BOLLARD



TYPE STAG HORN BOLLARD



SINGLE-BITT (TYPE A)



DOUBLE BOLLARD



GB554-83 BOLLARD



ISO13795 BOLLARD (TYPE A)



ANCHOR SHACKLE



JIS F 2001-1990 BOLLAR



SINGLE CHASER HOOK



ANCHOR MOUTH



J LOCK CHASER



SPRING TOWING HOOK



SPRING TOWING HOOK



WARPING ROLLER DIN81906



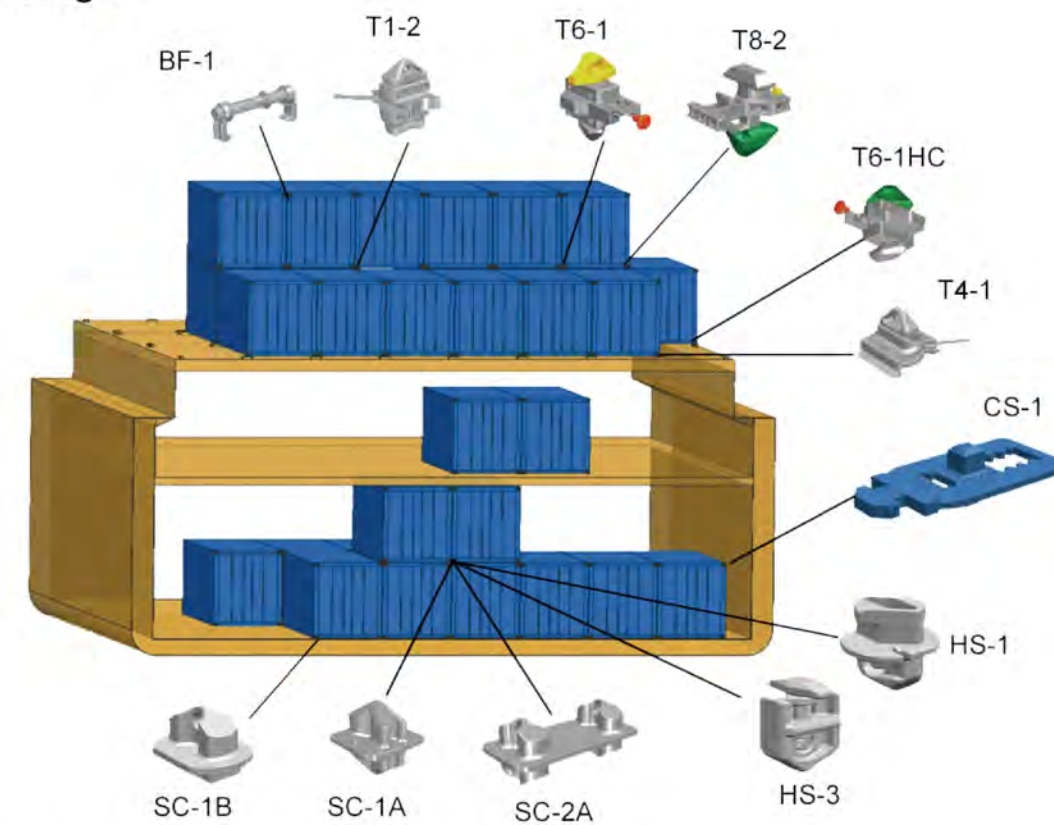
WARPING ROLLER WITH  
PEDESTAL TYPE B DIN81907

## ILLUSTRATION FOR CONTAINER SECURING EQUIPMENT

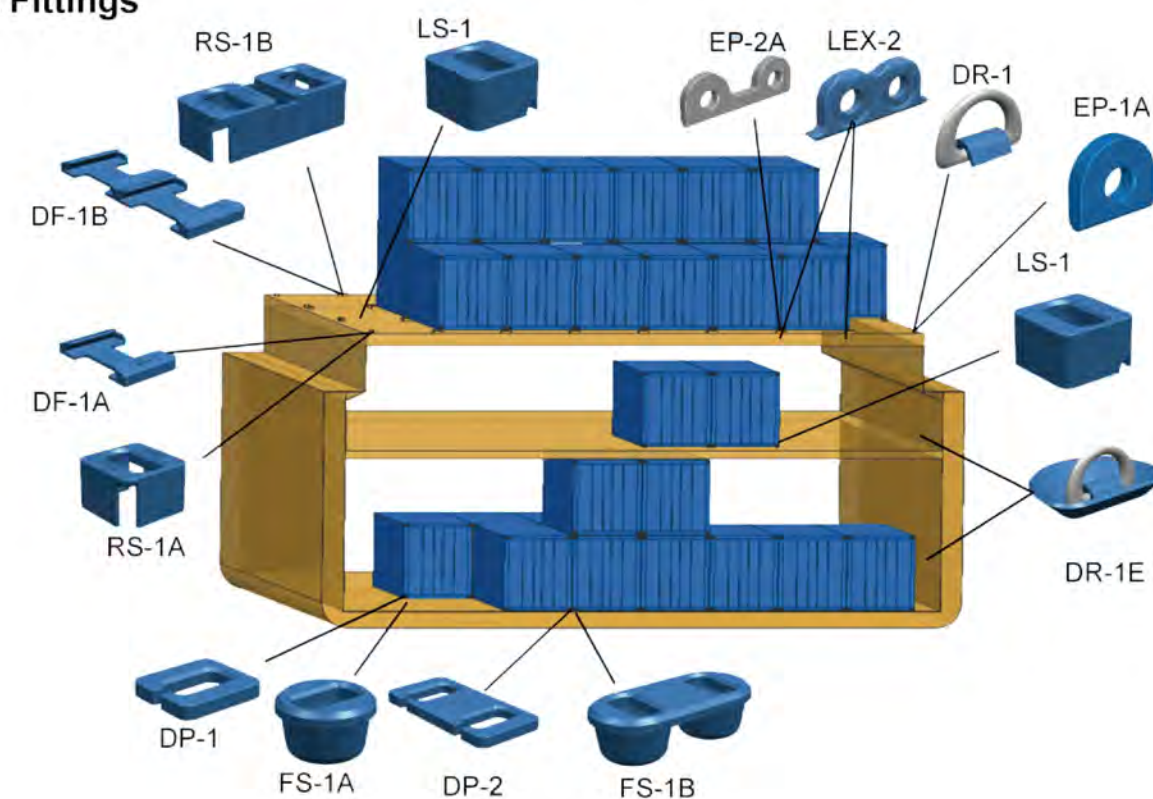
# CONTAINER LASHING EQUIPMENT

If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

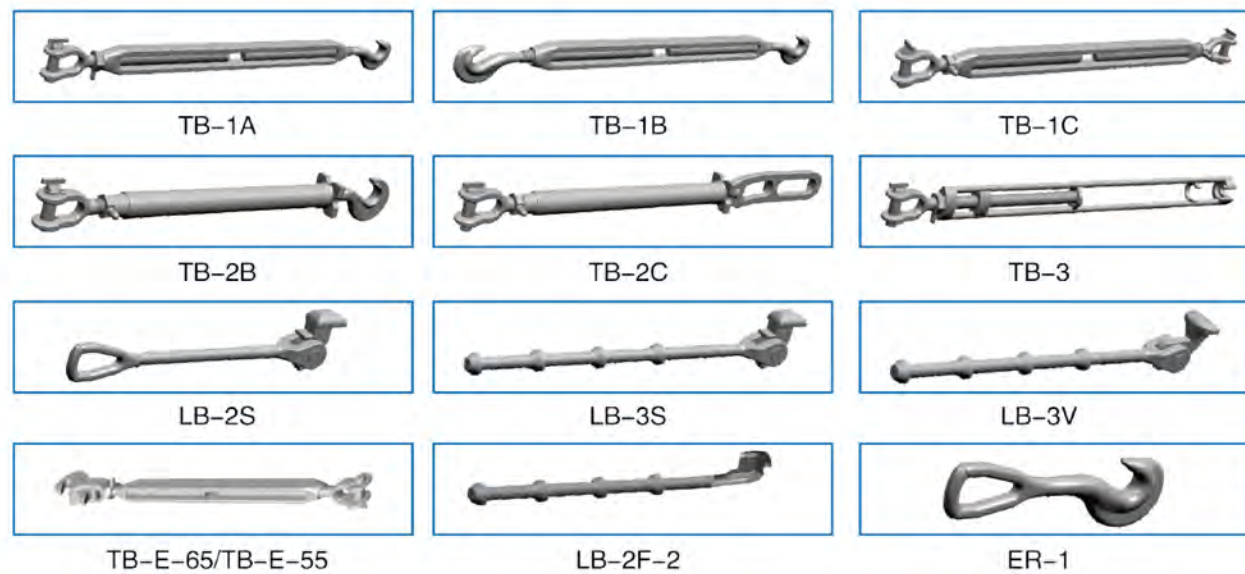
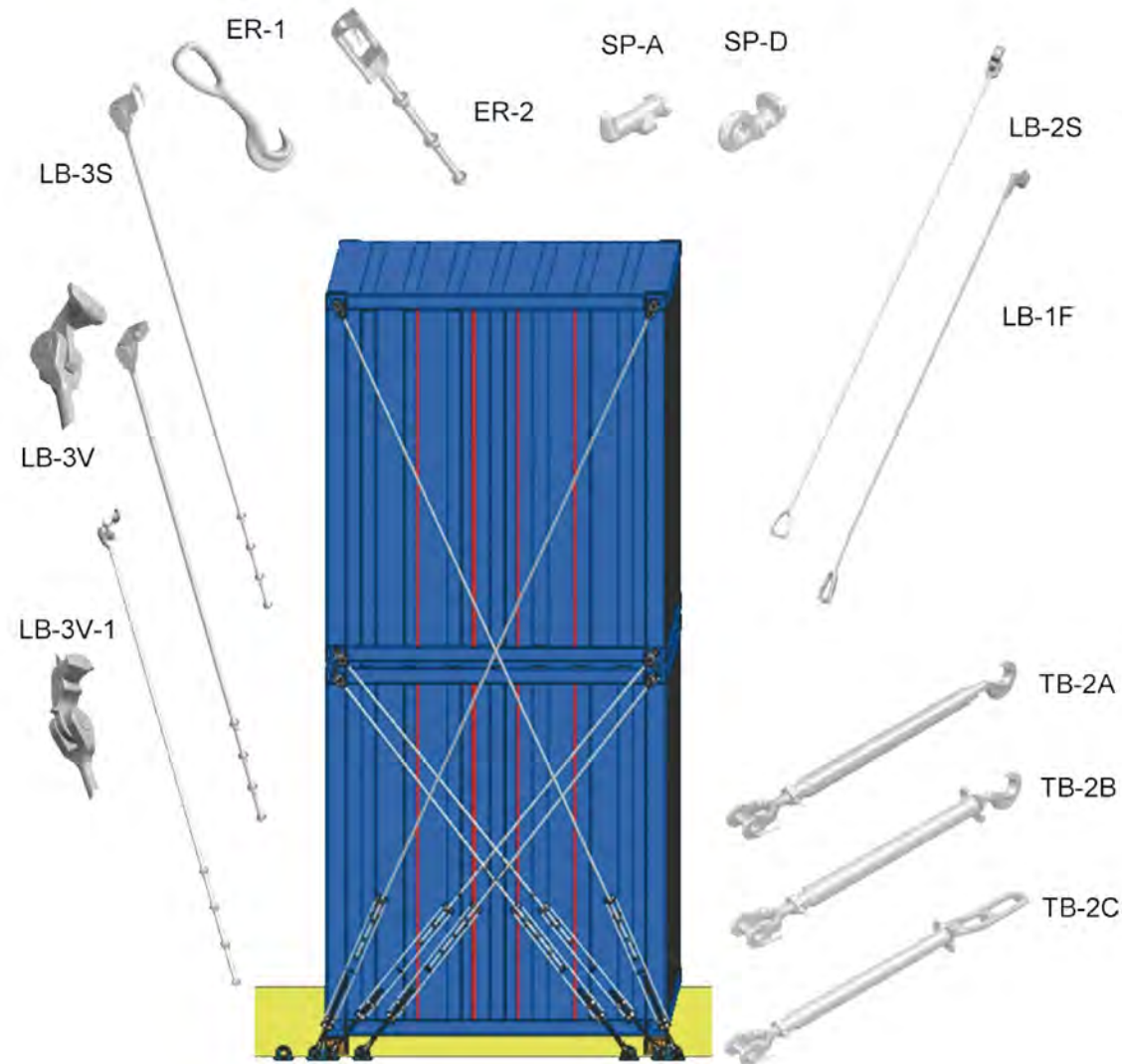
### Loose Fittings



### Fixed Fittings

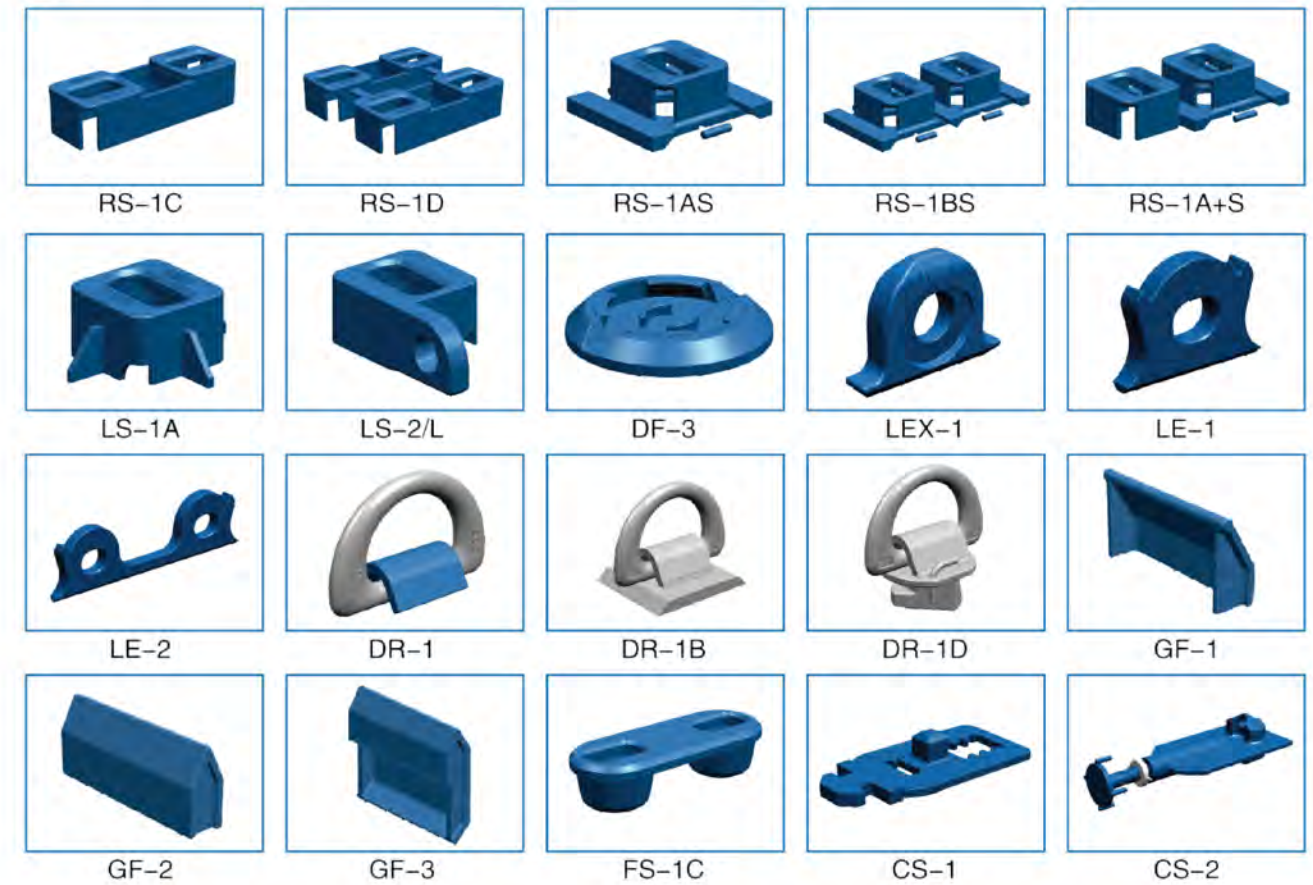


## ILLUSTRATION FOR CONTAINER SECURING EQUIPMENT



## ILLUSTRATION FOR CONTAINER SECURING EQUIPMENT

### FIXED FITTING



### RoRo-equipment



## ILLUSTRATION FOR CONTAINER SECURING EQUIPMENT



### Tool accessories

Container corner casting/TR,RL, BR,BL

Operating wrench/bar



Emergency

ET-1



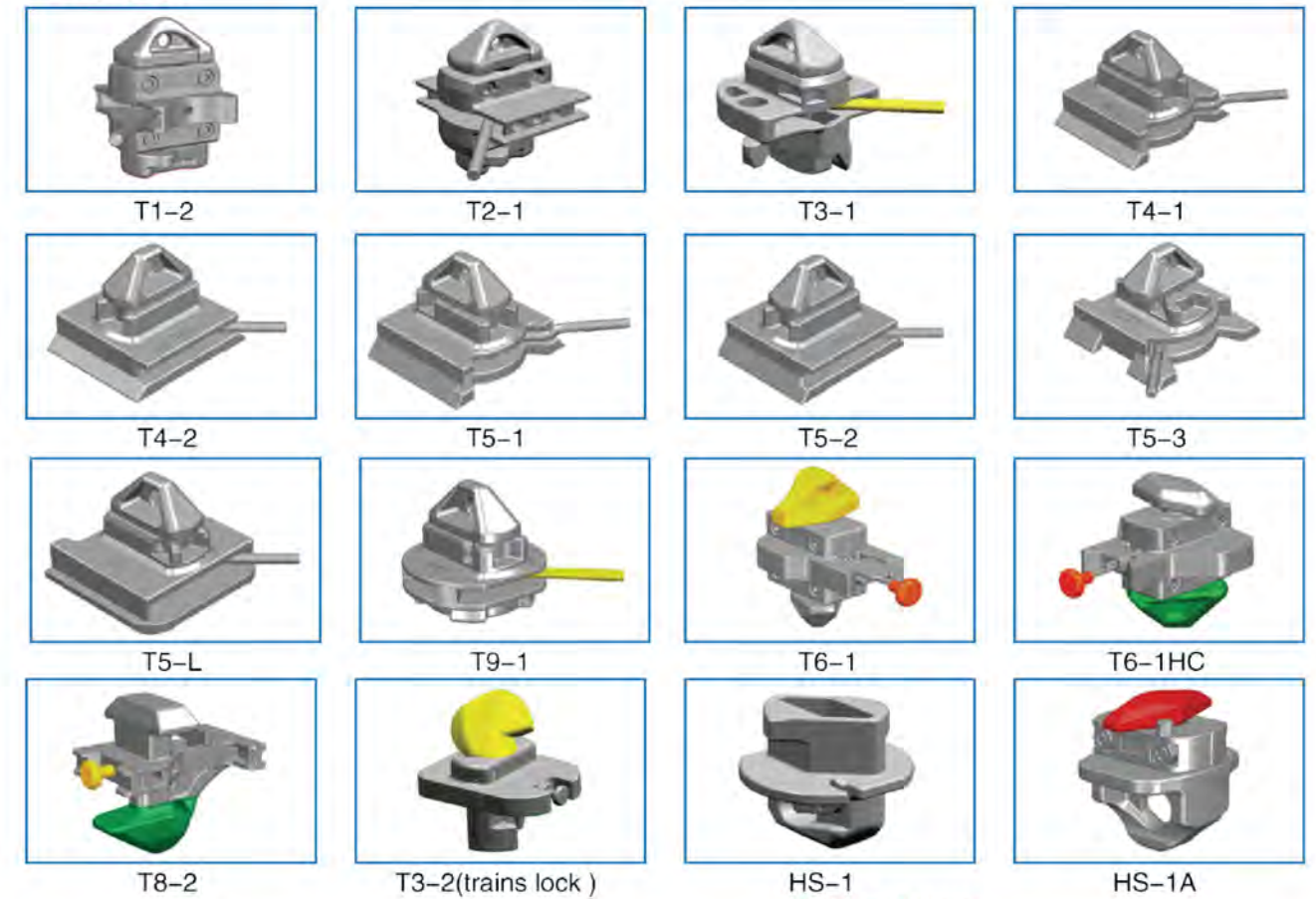
AP-3  
Flatracks and storage bins



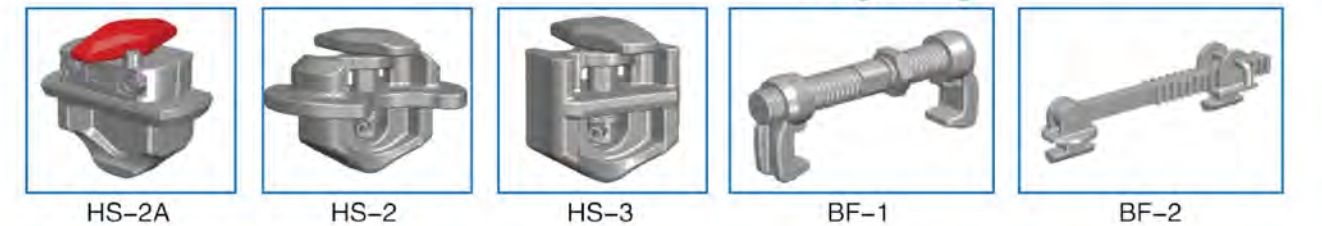
## ILLUSTRATION FOR CONTAINER SECURING EQUIPMENT

### Loose fittings

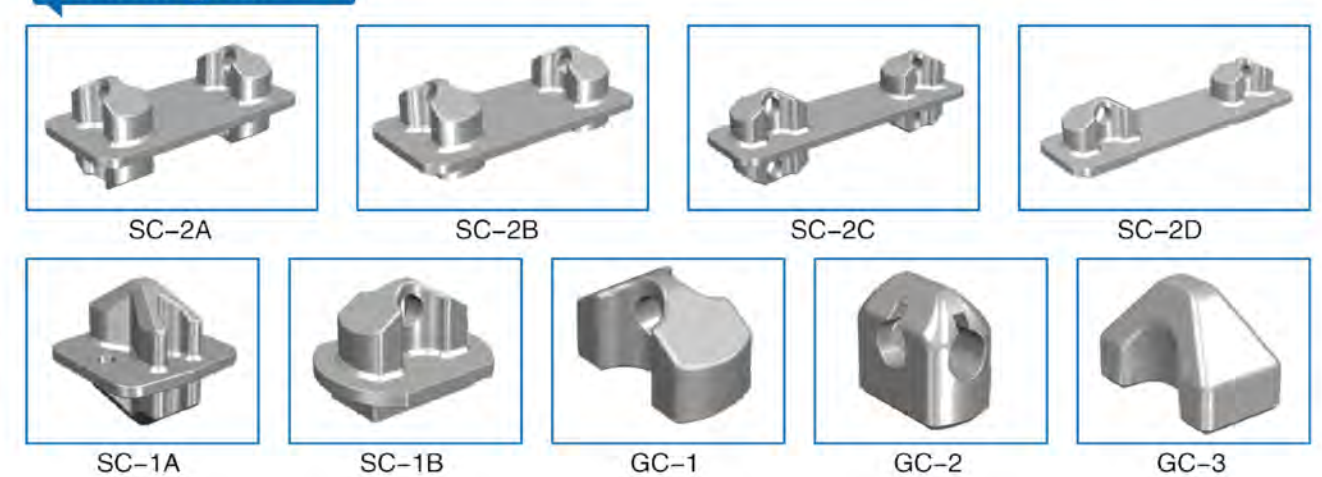
Twistlock



Bridge fitting



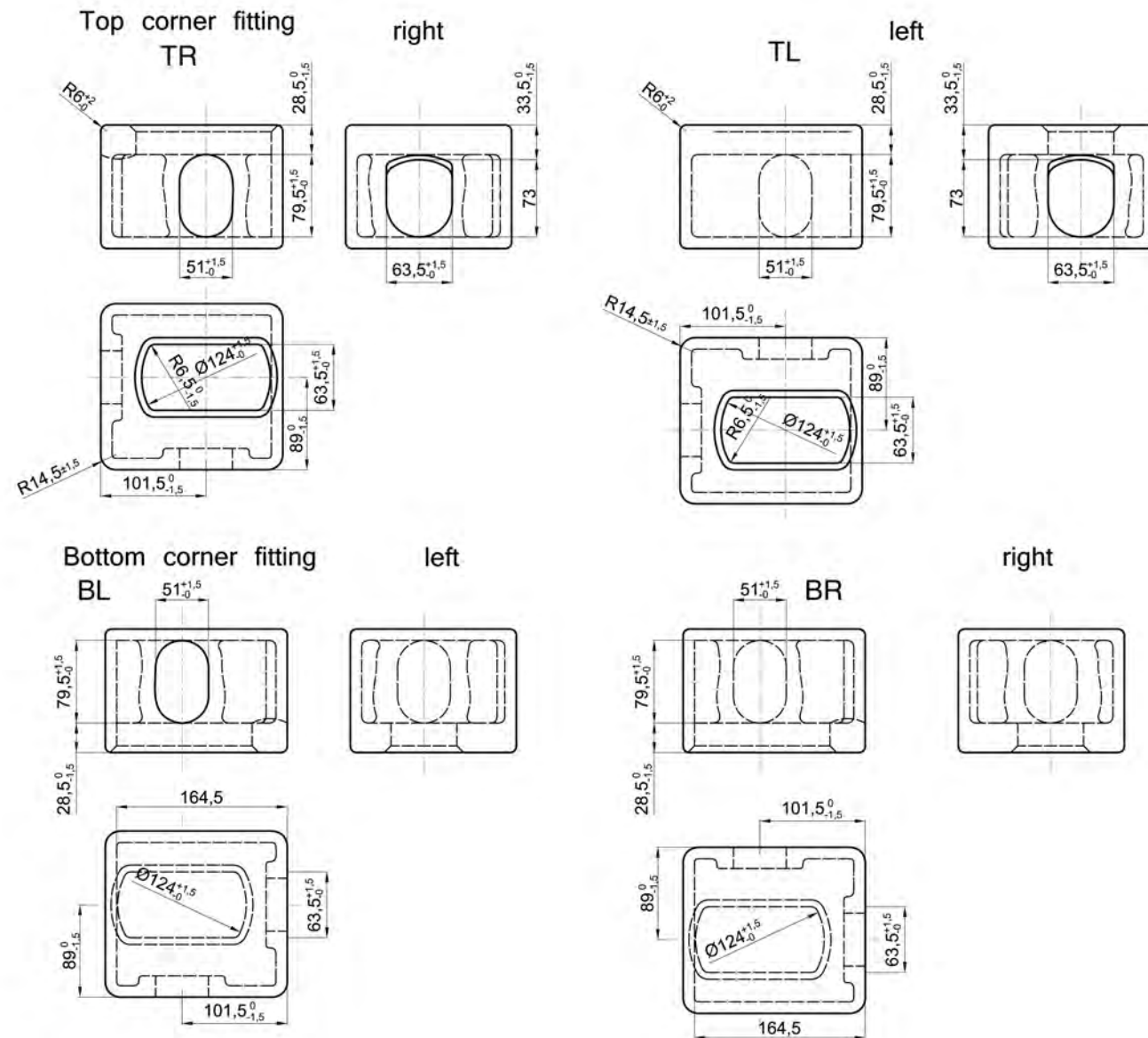
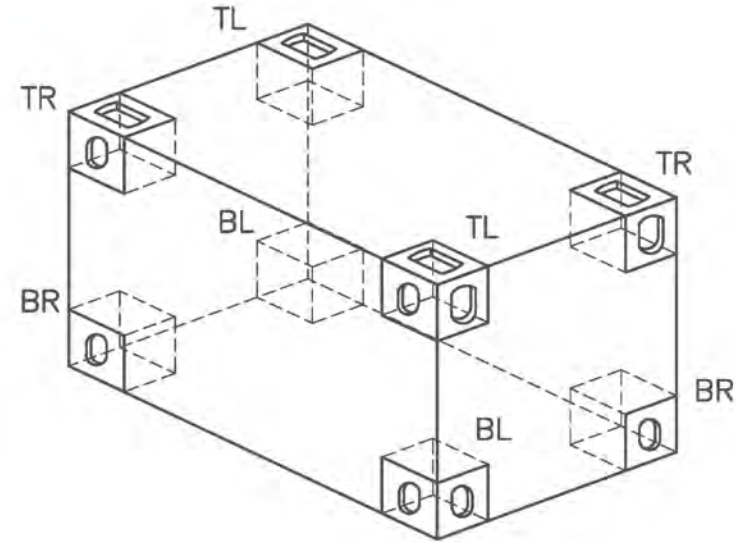
### Stacking cones



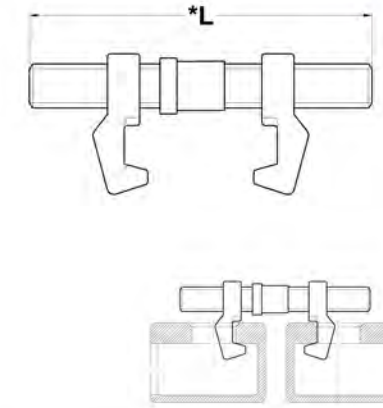
## CONTAINER CASTING CORNER FITTINGS



YXR1800



YXR1801

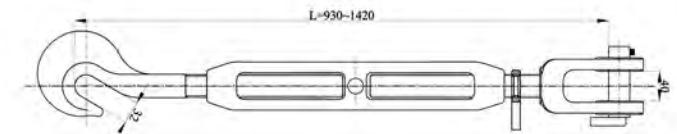


## CONTAINER CASTING CORNER FITTINGS

| ITEM NO.   | SIZE (MM) | WEIGHT EACH (KG) | SAFE WORKING LOAD (KN) | PROOF LOAD (KN) | BREAKING LOAD (KN) | MATERIAL | FINISH     | L* (MM) |
|------------|-----------|------------------|------------------------|-----------------|--------------------|----------|------------|---------|
| YXR1801-01 | 280       | 3                | 50                     | 63              | 100                | Steel    | Galvanized | 280     |
| YXR1801-02 | 380       | 3.8              | 50                     | 63              | 100                | Steel    | Galvanized | 380     |



YXR1802



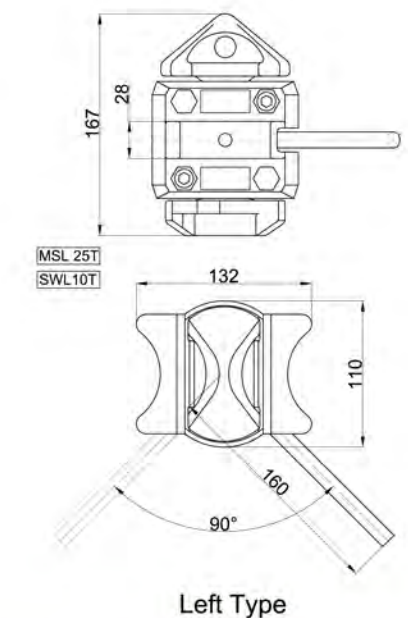
## TURNBUCKLE HOOK & JAW TYPE

| ITEM NO.   | SIZE | WEIGHT EACH (KG) | SAFE WORKING LOAD (KN) | PROOF LOAD (KN) | BREAKING LOAD (KN) | MATERIAL | FINISH     | L* (MM)  |
|------------|------|------------------|------------------------|-----------------|--------------------|----------|------------|----------|
| YXR1802-01 | UC   | 18               | 250                    | 313             | 500                | Steel    | Galvanized | 930-1420 |

## INTERMEDIATE TWISTLOCKS



YXR1803

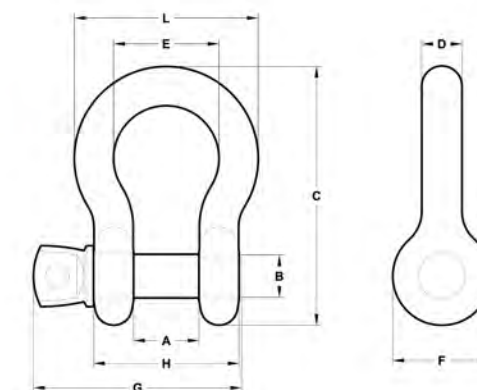


Left Type

# TRAILER & TRUCK PARTS



YXR1900



## HITCH RECEIVER D RING SHACKLE

| ITEM NO.   | SIZE (IN.) | WLL (T) | WT (LBS) | DIMENSIONS (MM) |      |    |      |      |    |      |      |      |      |
|------------|------------|---------|----------|-----------------|------|----|------|------|----|------|------|------|------|
|            |            |         |          | A               | B    | C  | D    | E    | F  | H    | K    | L    | P    |
| YXR1900-01 | 1/2        | 2       | 0.72     | 20.6            | 16   | 47 | 12.7 | 33.1 | 30 | 83.5 | 46   | 58.5 | 77.5 |
| YXR1900-02 | 5/8        | 3.25    | 1.37     | 27              | 19   | 60 | 16   | 42   | 39 | 106  | 59   | 74   | 97   |
| YXR1900-03 | 3/4        | 4.75    | 2.35     | 31.8            | 22.1 | 71 | 19   | 51   | 47 | 125  | 69.8 | 89   | 109  |

One Pimple  
Double Neck  
Not easy to fall off



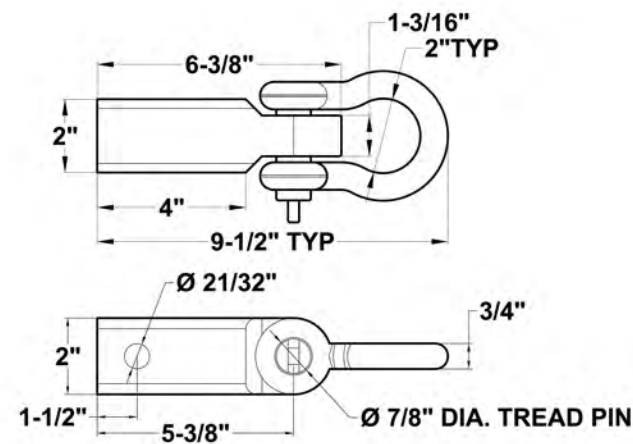
YXR1901

## SYNTHETIC SOFT SHACKLE

| ITEM NO.   | SIZE (A X B) | BREAKING STRENGTH (KG) | WEIGHT EACH (KG) |
|------------|--------------|------------------------|------------------|
| YXR1901-01 | 6mm*6inch    | 5000                   | 0.1              |
| YXR1901-02 | 8mm*6inch    | 8850                   | 0.1              |
| YXR1901-03 | 9mm*6inch    | 11000                  | 0.1              |
| YXR1901-04 | 10mm*6inch   | 13600                  | 0.2              |
| YXR1901-05 | 11mm*6inch   | 15340                  | 0.2              |
| YXR1901-06 | 12mm*6inch   | 17550                  | 0.2              |
| YXR1901-07 | 13mm*6inch   | 20280                  | 0.2              |
| YXR1901-08 | 14mm*6inch   | 30550                  | 0.21             |



If you are in need of other types  
not listed in our catalogue  
please contact our sales department.

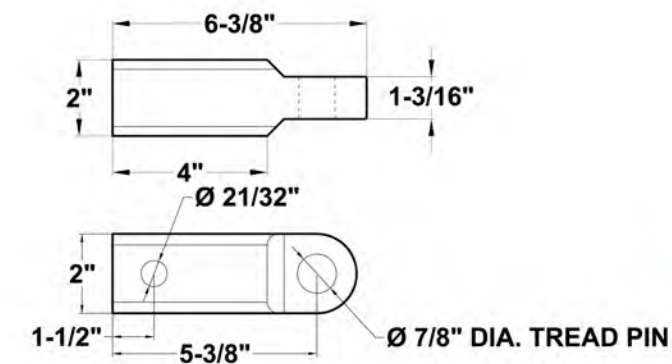


YXR1902

### SHACKLE HITCH RECEIVER

| ITEM NO.   | SIZE (IN.) | WORKING LOAD LIMIT (T) | WEIGHT EACH (KG) |
|------------|------------|------------------------|------------------|
| YXR1902-01 | 2          | 4.75                   | 3.4              |

- ◆ Process: Hitch Receiver is CNC, Shackle is Forging
- ◆ Material: Carbon Steel
- ◆ Surface: Powder Painted
- ◆ Fitting: Shackle Isolator, Hitch Pin, Washer etc



YXR1903

### HITCH RECEIVER

| ITEM NO.   | SIZE (IN.) | WORKING LOAD LIMIT (T) | WEIGHT EACH (KG) |
|------------|------------|------------------------|------------------|
| YXR1903-01 | 2          | 5                      | 0.88             |

- ◆ Process: CNC
- ◆ Material: Aluminum Alloy
- ◆ Surface: Anodic Oxidation
- ◆ Fitting: D Ring Shackle, Shackle Isolator, Hitch Pin, Washer etc

## CUSTOMIZED ON DEMAND Customized for Special Requirements



Customized surface treatment



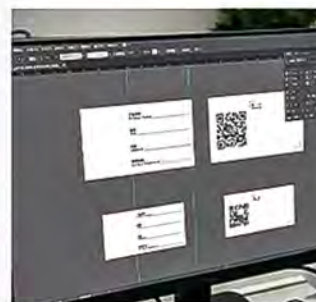
Logo customization



Color customization



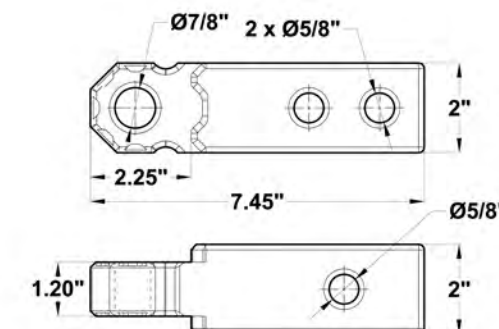
ODM



Label customization



Packaging customization



YXR1904

### HITCH RECEIVER

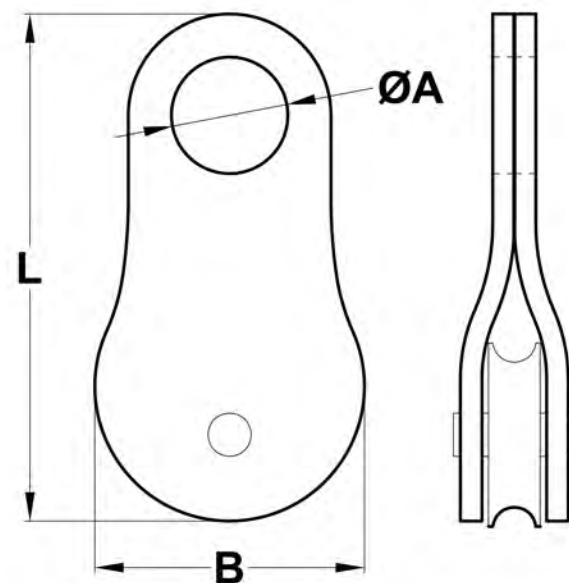
| ITEM NO.   | SIZE (IN.) | WORKING LOAD LIMIT (LBS) | WEIGHT EACH (KG) |
|------------|------------|--------------------------|------------------|
| YXR1904-01 | 2          | 13000                    | 1.02             |

- ◆ Process: CNC
- ◆ Material: Aluminum Alloy
- ◆ Surface: Anodic Oxidation
- ◆ Fitting: D Ring Shackle, Shackle Isolator, Hitch Pin, Washer etc





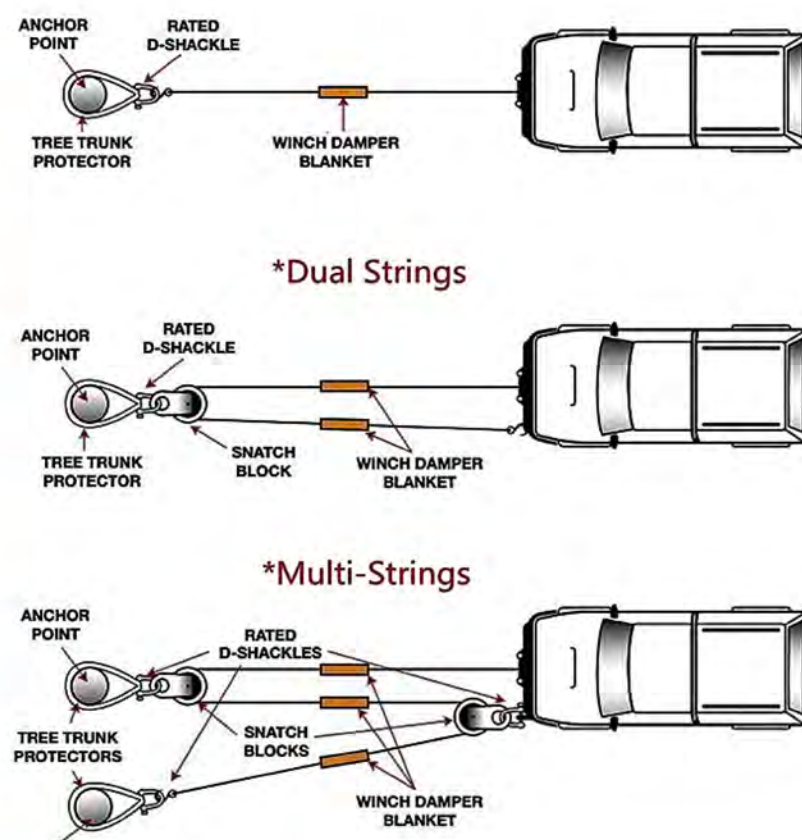
YXR1905



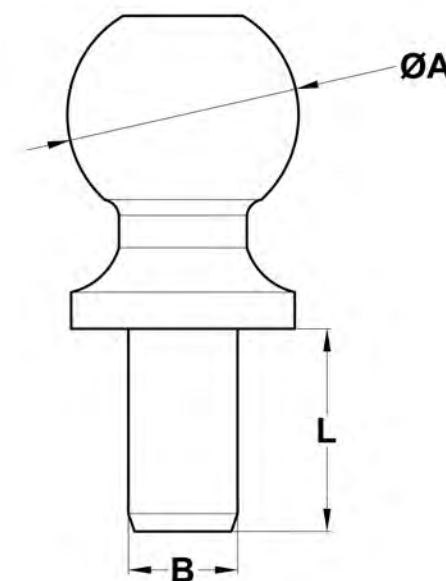
### SNATCH BLOCK

| ITEM NO.   | MAX CAPACITY (T) | WIRE ROPE SIZE (MM) | WEIGHT EACH (KG) | DIMENSIONS (MM) |     |     |
|------------|------------------|---------------------|------------------|-----------------|-----|-----|
|            |                  |                     |                  | A               | B   | L   |
| YXR1905-01 | 4                | 10                  | 1.03             | 38              | 78  | 145 |
| YXR1905-02 | 8                | 15                  | 2.64             | 54              | 125 | 235 |
| YXR1905-03 | 10               | 15                  | 3.40             | 74.5            | 130 | 270 |

### The Use Of The Snatch Block Pulley



YXR1906



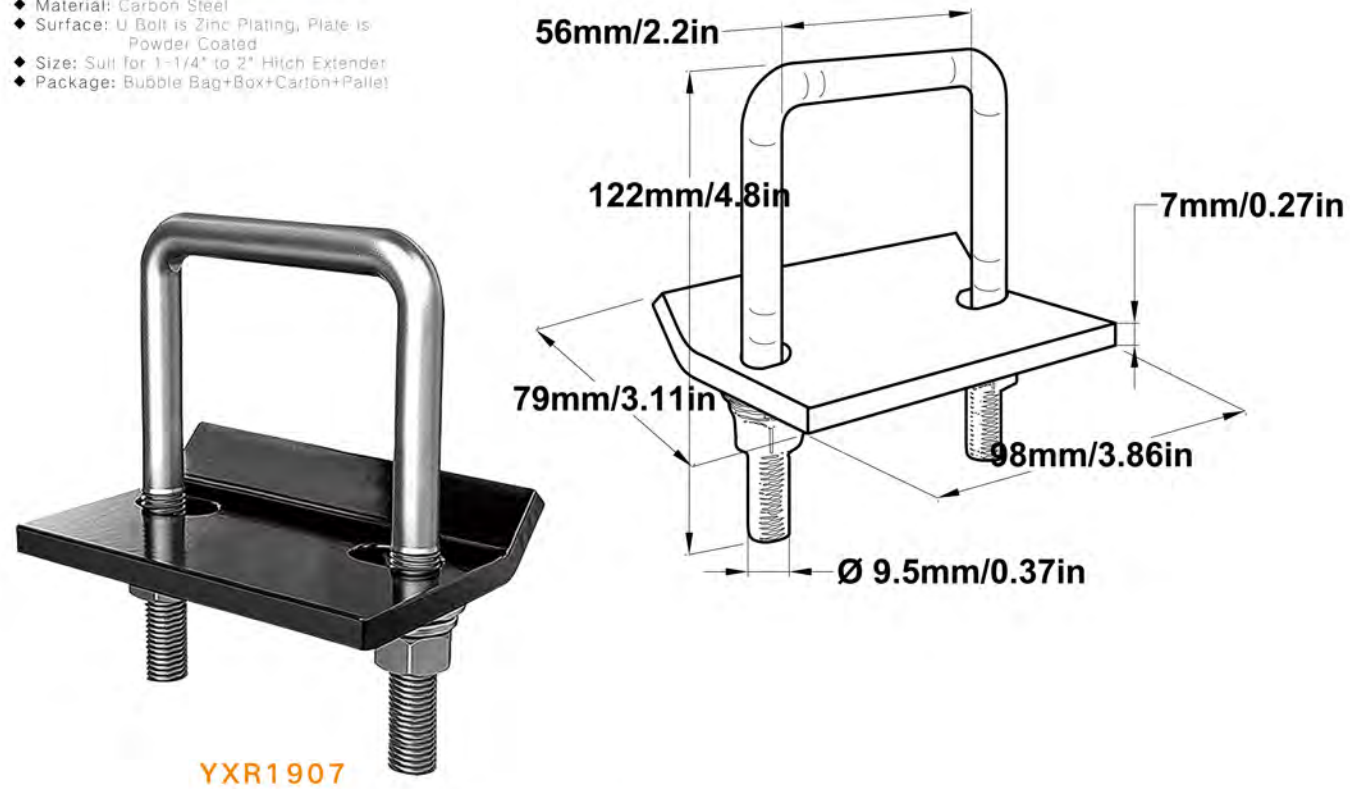
### HITCH BALL

| ITEM NO.   | BALL DIA. (A) | SHANK DIA. (B) | SHANK LENGTH (L) | CAPACITY (LBS.) | FINISH                                      |
|------------|---------------|----------------|------------------|-----------------|---------------------------------------------|
| YXR1906-01 | 1-7/8"        | 3/4"           | 1-1/2"           | 2000            | Chrome, Zinc, Black Nickel, Stainless Steel |
| YXR1906-02 | 1-7/8"        | 3/4"           | 2"               | 2000            |                                             |
| YXR1906-03 | 1-7/8"        | 3/4"           | 2-3/8"           | 2000            |                                             |
| YXR1906-04 | 1-7/8"        | 3/4"           | 2-3/8"           | 2000            |                                             |
| YXR1906-05 | 1-7/8"        | 1"             | 2"               | 3500            |                                             |
| YXR1906-06 | 1-7/8"        | 1"             | 2-1/8"           | 3500            |                                             |
| YXR1906-07 | 1-7/8"        | 1"             | 2-1/2"           | 3500            |                                             |
| YXR1906-08 | 1-7/8"        | 1"             | 3"               | 3500            |                                             |
| YXR1906-09 | 1-7/8"        | 1"             | 3-3/8"           | 3500            |                                             |
| YXR1906-10 | 2"            | 3/4"           | 1-1/2"           | 3500            |                                             |
| YXR1906-11 | 2"            | 3/4"           | 2"               | 3500            |                                             |
| YXR1906-12 | 2"            | 3/4"           | 2-3/8"           | 3500            |                                             |
| YXR1906-13 | 2"            | 3/4"           | 3"               | 3500            | Chrome, Zinc Plated                         |
| YXR1906-14 | 2"            | 3/4"           | 3-3/8"           | 3500            |                                             |
| YXR1906-15 | 2"            | 1"             | 2"               | 6000            |                                             |
| YXR1906-16 | 2"            | 1"             | 2-3/4"           | 6000            |                                             |
| YXR1906-17 | 2"            | 1"             | 3"               | 6000            |                                             |
| YXR1906-18 | 2"            | 1"             | 3-3/8"           | 6000            |                                             |
| YXR1906-19 | 2-5/16"       | 1"             | 2"               | 6000            |                                             |
| YXR1906-20 | 2-5/16"       | 1"             | 2-1/2"           | 6000            |                                             |
| YXR1906-21 | 2-5/16"       | 1-1/4"         | 2"               | 12000           |                                             |
| YXR1906-22 | 2-5/16"       | 1-1/4"         | 2-1/2"           | 12000           |                                             |
| YXR1906-23 | 2-5/16"       | 1-1/4"         | 3"               | 12000           |                                             |
| YXR1906-24 | 50mm          | 7/8"           | 60mm             | 3.5t            |                                             |
| YXR1906-25 | 50mm          | 7/8"           | 70mm             | 3.5t            |                                             |

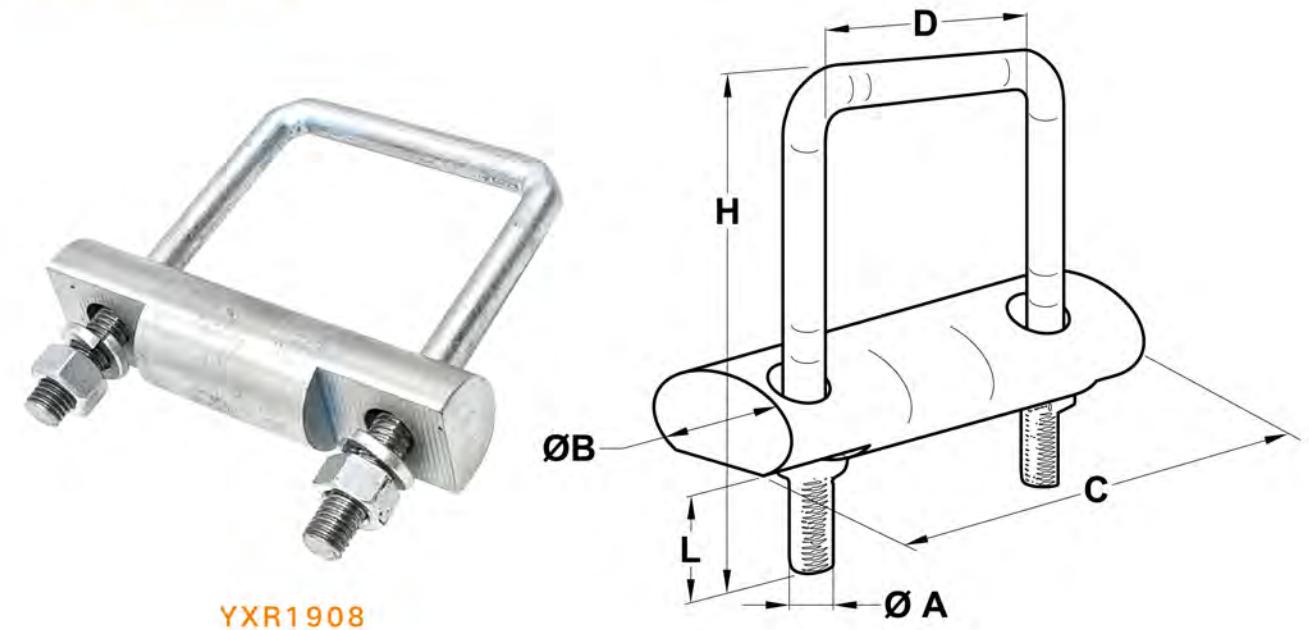


## HITCH TIGHTENER

- ◆ Process: Stamping
- ◆ Material: Carbon Steel
- ◆ Surface: U Bolt is Zinc Plating, Plate is Powder Coated
- ◆ Size: Suit for 1-1/4" to 2" Hitch Extender
- ◆ Package: Bubble Bag+Box+Carton+Pallet



## HITCH TIGHTENER



| ITEM NO.   | DIMENSIONS (IN.) |     |     |     |     |    |
|------------|------------------|-----|-----|-----|-----|----|
|            | A                | B   | C   | D   | H   | L* |
| YXR1908-01 | 0.5              | 1.3 | 5   | 3   | 3.5 | 2  |
| YXR1908-02 | 0.5              | 1.3 | 5.5 | 3.5 | 5.1 | 2  |

- ◆ \*\* Effective Tread Length
- ◆ Process: Stamping
- ◆ Material: Carbon Steel
- ◆ Surface: Electro galvanizing
- ◆ Size: Suit for 2" to 2-1/2" Hitch Extender
- ◆ Package: Bubble Bag+Box+Carton+Pallet

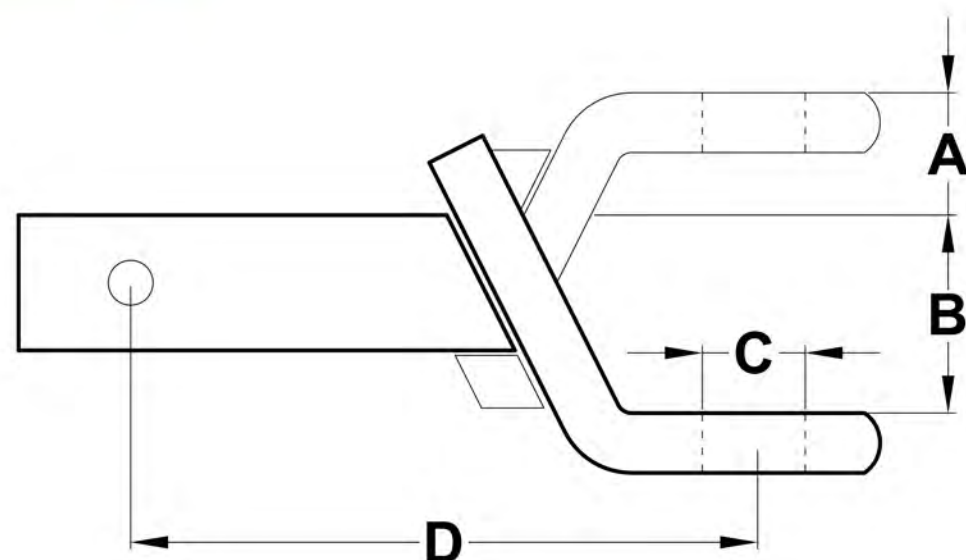
## TRAILER HOOK BALL COVER

- ◆ Size: 50mm
- ◆ Usage: 50mm Ball
- ◆ Material: Plastic



**50mm Tow Ball Cover**

## STANDARD MOUNTS



- A: Rise  
Distance the ball platform is set above the Top of the Shank.
- B: Drop  
Distance the ball platform is set below the Top of the Shank.
- C: Hole Size  
Size of trailer ball shank that is required to fit the Ball Mount.
- D: Length  
Distance from the pin hole center to the Ball hole center.



YXR1910

### HITCH BALL MOUNTS

| ITEM NO.   | BOX SIZE (IN.) | BALL HOLE SIZE (IN.) | DROP (IN.) | RISE (IN.) | LENGTH (IN.) | CAPACITY (LBS.) | SHACK  | FINISH                     |
|------------|----------------|----------------------|------------|------------|--------------|-----------------|--------|----------------------------|
| YXR1910-01 | 2*2            | 1                    | 2          | 3/4        | 9            | 6000            | Hollow | Black, Chrome, Zinc Plated |
| YXR1910-02 | 2*2            | 1                    | 3          | 2          | 7-7/8        | 6000            | Hollow |                            |
| YXR1910-03 | 2*2            | 1                    | 4          | 2-3/4      | 8-1/4        | 6000            | Hollow |                            |
| YXR1910-04 | 2*2            | 1                    | 5          | 3-3/4      | 9            | 5000            | Hollow |                            |
| YXR1910-05 | 2*2            | 1                    | 6          | 4-3/4      | 9-1/2        | 5000            | Hollow |                            |
| YXR1910-06 | 2*2            | 1                    | 8          | 6-3/4      | 10           | 5000            | Hollow |                            |



YXR1911

### FORGED BALL MOUNTS

| ITEM NO.   | BOX SIZE (IN.) | BALL HOLE SIZE (IN.) | DROP (IN.) | RISE (IN.) | LENGTH (IN.) | CAPACITY (LBS.) | FINISH               |
|------------|----------------|----------------------|------------|------------|--------------|-----------------|----------------------|
| YXR1911-01 | 2*2            | 1-1/4                | 2          | 1          | 8-1/2        | 10000           | Black, Powder Coated |
| YXR1911-02 | 2*2            | 1-1/4                | 4          | 3          | 9-1/4        | 10000           |                      |
| YXR1911-03 | 2*2            | 1-1/4                | 6          | 5          | 10-1/4       | 10000           |                      |



YXR1912

### TRAILER HITCH TRI-BALL MOUNT

- ◆ Ball Size:  
1-7/8", 3500lbs  
2", 6000lbs  
2-5/16", 10000lbs
- ◆ Length: 12"
- ◆ Shank: Hollow/Solid



YXR1913

### ADJUSTABLE ALUMINUM BALL MOUNT

| ITEM NO.   | BALL SIZE (IN.) | DROP (IN.) | CAPACITY (LBS.) | SHACK |
|------------|-----------------|------------|-----------------|-------|
| YXR1913-01 | 1-7/8&2         | 2-6        | 6000            | Solid |
| YXR1913-02 | 2&2-5/16        | 2-6        | 6000            | Solid |



YXR1914



YXR1915



YXR1916

### ADJUSTALBLE STEEL BALL MOUNT TYPA A

| ITEM NO.   | BOX SIZE (IN.) | DROP (IN.) | MAX RISE (IN.) | LENGTH (IN.) | CAPACITY (LBS.) | SHACK  |
|------------|----------------|------------|----------------|--------------|-----------------|--------|
| YXR1914-01 | 2*2            | 7-1/2      | 6-1/4          | 13 to 12     | 5000            | Hollow |

### ADJUSTALBLE STEEL BALL MOUNT TYPA B

| ITEM NO.   | BOX SIZE (IN.) | MAX DROP (IN.) | MAX RISE (IN.) | LENGTH (IN.) | CAPACITY (LBS.) | SHACK  |
|------------|----------------|----------------|----------------|--------------|-----------------|--------|
| YXR1915-01 | 2*2            | 9-5/8          | 8-3/8          | 12           | 6000            | Hollow |

### ADJUSTALBLE STEEL TRI-BALL MOUNT

| ITEM NO.   | BOX SIZE (IN.) | MAX DROP (IN.) | MAX RISE (IN.) | LENGTH (IN.) | CAPACITY (LBS.) | SHACK |
|------------|----------------|----------------|----------------|--------------|-----------------|-------|
| YXR1916-01 | 2*2            | 4-3/4          | 5-11/16        | 11-9/16      | *               | Solid |

◆ Capacity: Ball  
1-7/8", 3500lbs  
2", 6000lbs  
2-5/16", 10000lbs  
◆ Finish: Ball is Chrome Mount is Black

### TRAILER BALL MOUNT



RECEIVER ADAPTER



YXR1917



YXR1918



YXR1919



YXR1920

| ITEM NO.   | INNER DIAMETER (IN.) | LENGTH (IN.) | FINISH |
|------------|----------------------|--------------|--------|
| YXR1917-01 | 2*2                  | 6            | Black  |
| YXR1917-02 | 2*2                  | 8            | Black  |
| YXR1917-03 | 2*2                  | 10           | Black  |
| YXR1917-04 | 2*2                  | 12           | Black  |

| ITEM NO.   | TUBE SIZE (IN.) | LENGTH (IN.) | FINISH |
|------------|-----------------|--------------|--------|
| YXR1918-01 | 1-1/4 to 2      | 6            | Black  |
| YXR1918-02 | 1-1/4 to 2      | 7-1/4        | Black  |
| YXR1918-03 | 1-1/4 to 2      | 10           | Black  |

| ITEM NO.   | TUBE SIZE (IN.) | LENGTH (IN.) | FINISH |
|------------|-----------------|--------------|--------|
| YXR1919-01 | 1-1/4 to 2      | 7            | Black  |
| YXR1919-02 | 1-1/4 to 2      | 3            | Black  |

| ITEM NO.   | TUBE SIZE (IN.) | LENGTH (IN.) | FINISH |
|------------|-----------------|--------------|--------|
| YXR1920-01 | 2-1/2 to 2      | 4            | Black  |

## RECEIVER ADAPTER



## RECEIVER MOUNTS



**YXR1921**

| ITEM NO.   | LENGTH (IN.) | CAPACITY (LBS.) | WEIGHT (LBS.) | SHACK |
|------------|--------------|-----------------|---------------|-------|
| YXR1921-01 | 7-3/8        | 10000           | 9.02          | Solid |



**YXR1922**

| ITEM NO.   | MAX CAPACITY (LBS.) | BREAKING STRENGTH (LBS.) | WEIGHT (LBS.) |
|------------|---------------------|--------------------------|---------------|
| YXR1922-01 | 10000               | 15000                    | 1.59          |



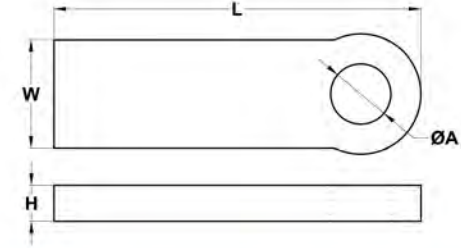
**YXR1923**

| ITEM NO.   | LENGTH (IN.) | CAPACITY (LBS.) | WEIGHT (LBS.) | SHACK |
|------------|--------------|-----------------|---------------|-------|
| YXR1923-01 | 7-3/8        | 10000           | 9.66          | Solid |

## TOW EYE



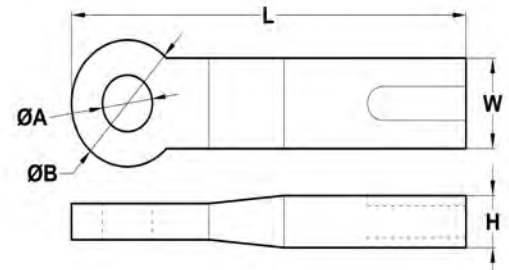
**YXR1924**



| ITEM NO.   | SIZE (IN.) | HOLE A (MM) | LENGTH L (MM) | WIDTH W (MM) | DEPTH H (MM) | MATERIAL |
|------------|------------|-------------|---------------|--------------|--------------|----------|
| YXR1924-01 | 12         | 50          | 305           | 90           | 30           | En8      |
| YXR1924-02 | 12         | 50          | 305           | 90           | 40           | En8      |
| YXR1924-03 | 12         | 50          | 305           | 90           | 40           | En16     |



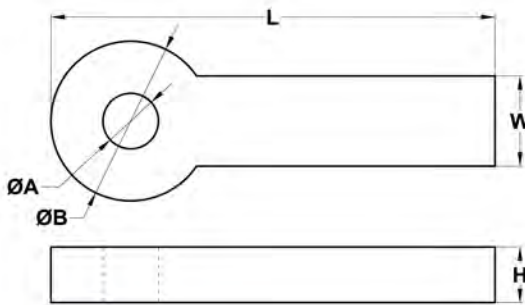
**YXR1925**



| ITEM NO.   | SIZE B (MM) | HOLE A (MM) | LENGTH L (MM) | WIDTH W (MM) | DEPTH H (MM) | MATERIAL |
|------------|-------------|-------------|---------------|--------------|--------------|----------|
| YXR1925-01 | 112         | 50          | 395           | 80           | 40           | 40CrMo   |



**YXR1926**



| ITEM NO.   | SIZE B (MM) | HOLE A (MM) | LENGTH L (MM) | WIDTH W (MM) | DEPTH H (MM) | MATERIAL |
|------------|-------------|-------------|---------------|--------------|--------------|----------|
| YXR1926-01 | 115         | 40          | 320           | 65           | 40           | 40CrMo   |

## RECEIVER MOUNTS



## PINTLE HOOK MOUNTS



YXR1927

### PINTLE HOOK COMBINATION HITCHES

| ITEM NO.   | BALL SIZE (IN.) | WIDE CENTER TO CENTER (IN.) | UP/DOWN CENTER TO CENTER (IN.) | HOLE DIA (IN.) | BALL CAPACITY (LBS.) | BODY CAPACITY (LBS.) |
|------------|-----------------|-----------------------------|--------------------------------|----------------|----------------------|----------------------|
| YXR1927-01 | 1-7/8           | 3-1/2                       | 1-3/4                          | 1/2            | 2000                 | 16000                |
| YXR1927-02 | 2               | 3-1/2                       | 1-3/4                          | 1/2            | 7000                 | 16000                |
| YXR1927-03 | 2-5/16          | 3-1/2                       | 1-3/4                          | 17/32          | 12000                | 16000                |



YXR1928

### PINTLE HOOK



| ITEM NO.   | WIDE CENTER TO CENTER (IN.) | UP/DOWN CENTER TO CENTER (IN.) | HOLE DIA (IN.) | BODY CAPACITY (T) |
|------------|-----------------------------|--------------------------------|----------------|-------------------|
| YXR1928-01 | 3-3/8                       | 1-3/4                          | 17/32          | 5                 |
| YXR1928-02 | 3-3/8                       | 1-3/4                          | 17/32          | 10                |
| YXR1928-03 | 3-3/8                       | 1-3/4                          | 17/32          | 15                |
| YXR1928-04 | 3-3/8                       | 1-3/4                          | 17/32          | 30                |



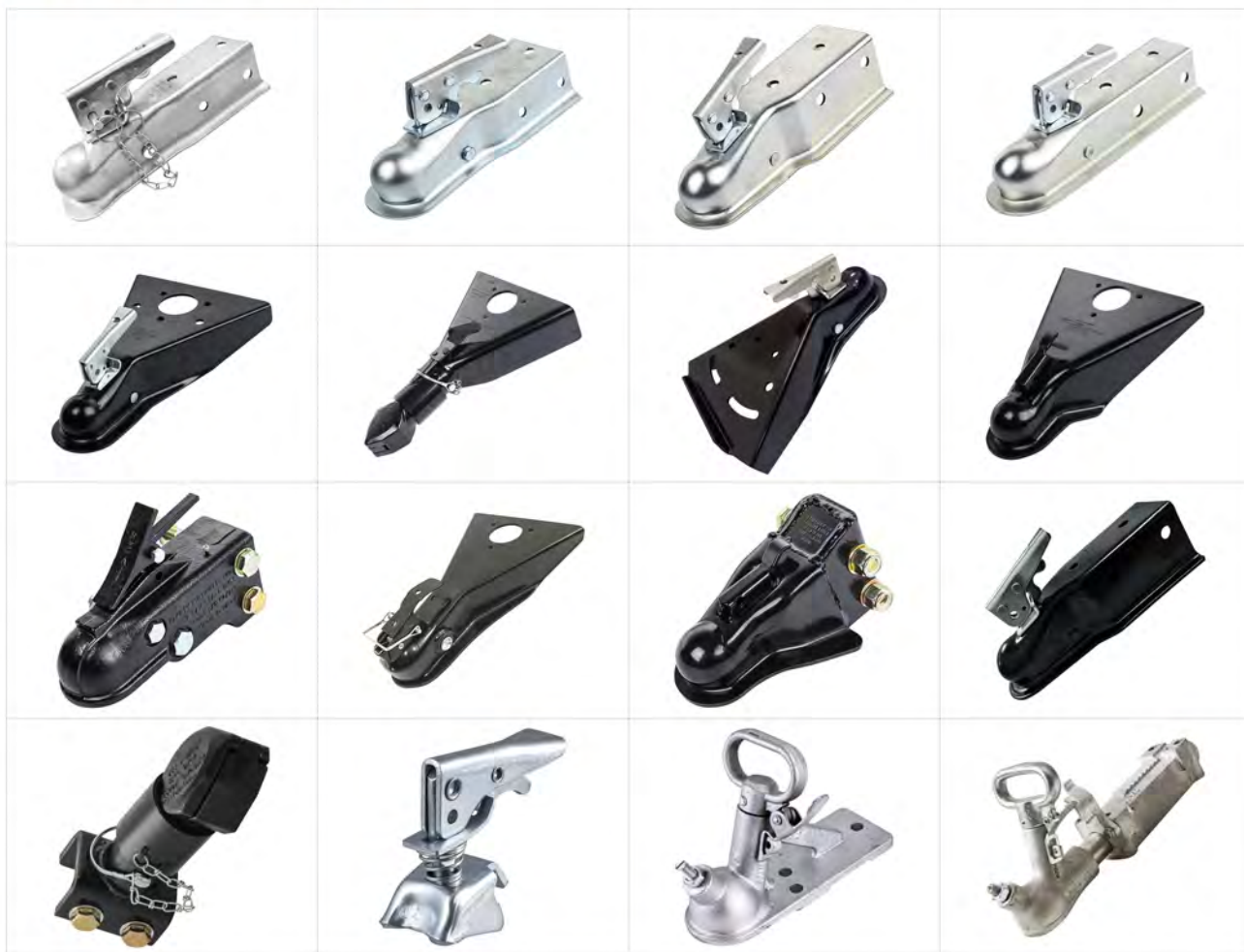
YXR1929

### PINTLE HOOK WITH SHANK

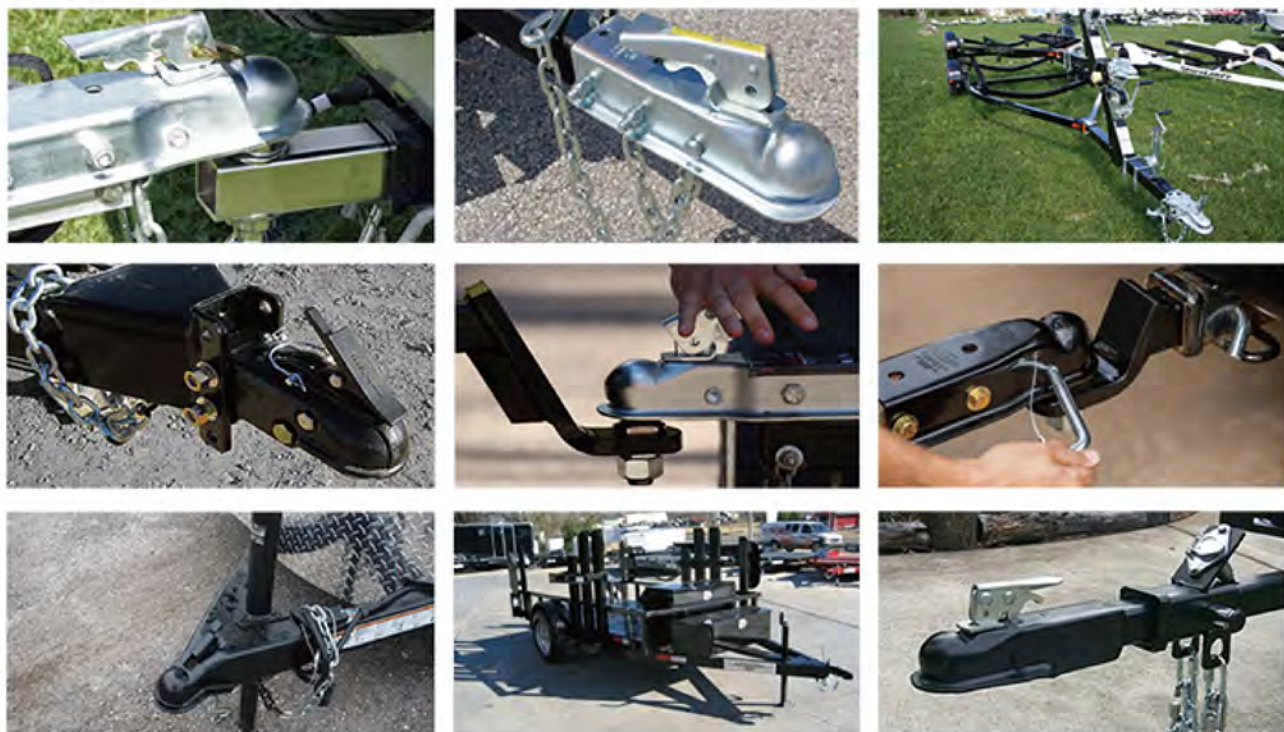
| ITEM NO.   | BALL SIZE (IN.) | BALL CAPACITY (LBS.) | BODY CAPACITY (LBS.) | SHANK | WEIGHT (KG) |
|------------|-----------------|----------------------|----------------------|-------|-------------|
| YXR1929-01 | 1-7/8           | 2000                 | 16000                | Solid | 8           |
| YXR1929-02 | 2               | 7000                 | 16000                | Solid | 8           |
| YXR1929-03 | 2-5/16          | 12000                | 16000                | Solid | 8           |



## TRAILER HITCH COULPER



## Usage Scenario



## ROUND TUBE GOOSENECK COUPLER



| ITEM NO.   | BALL SIZE (IN.) | CAPACITY (LBS.) | FINISH | WEIGHT (KG) |
|------------|-----------------|-----------------|--------|-------------|
| YXR1930-01 | 2-5/16          | 30000           | Black  | 25          |

| ITEM NO.   | BALL SIZE (IN.) | CAPACITY (LBS.) | FINISH | WEIGHT (KG) |
|------------|-----------------|-----------------|--------|-------------|
| YXR1931-01 | 2-5/16          | 25000           | Oil    | 27.28       |

| ITEM NO.   | BALL SIZE (IN.) | CAPACITY (LBS.) | FINISH | WEIGHT (KG) |
|------------|-----------------|-----------------|--------|-------------|
| YXR1932-01 | 2-5/16          | 30000           | Oil    | 31.66       |

YXR1932

## ADJUSTABLE CHANNEL BRACKET



YXR1933

YXR1934

YXR1935

YXR1936

- ◆ Hole: 4 Holes
- ◆ Capacity: 13000lbs
- ◆ Position: 3-Position Channel
- ◆ Finish: Oil / Black
- ◆ N.W.: 1.6kgs/2.25kgs

- ◆ Hole: 6 Holes
- ◆ Capacity: 15000lbs
- ◆ Position: 5-Position Channel
- ◆ Finish: Oil / Black
- ◆ N.W.: 3.4~3.6kgs

- ◆ Hole: 7 Holes
- ◆ Capacity: 15000lbs
- ◆ Position: 6-Position Channel
- ◆ Finish: Oil
- ◆ N.W.: 4.39kgs

- ◆ Hole: 8 Holes
- ◆ Capacity: 15000lbs
- ◆ Position: 7-Position Channel
- ◆ Finish: Oil
- ◆ N.W.: 5.02kgs



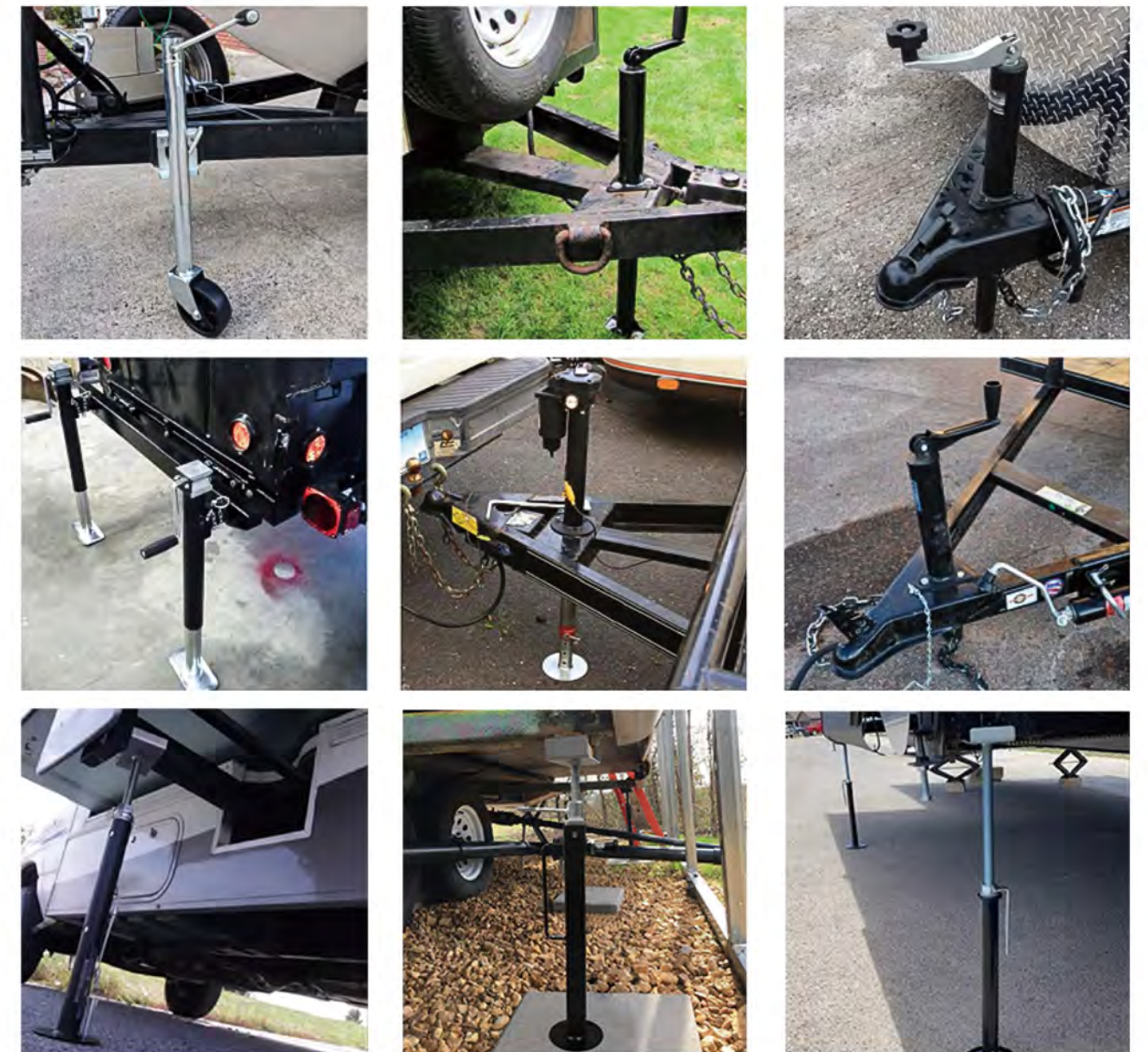
## TRAILER JACK



## TRAILER JACK BASE



## Usage Scenario



## WINCH ACCESSORIES



YXR1937

### ALUMINUM FAIRLEAD

| ITEM NO.   | WORKING LOAD LIMIT (LBS.) | SIZE L*W*H (MM) | HOLE SPACING (MM) | WEIGHT (G) |
|------------|---------------------------|-----------------|-------------------|------------|
| YXR1937-01 | 2500                      | 133*38*15       | 109               | 128        |
| YXR1937-02 | 3500                      | 147*38*15       | 123               | 128        |
| YXR1937-03 | 4500                      | 180*39*16       | 153               | 186        |
| YXR1937-04 | 5000                      | 222*62*18       | 182               | 420        |
| YXR1937-05 | 6000                      | 243*62*18       | 204               | 460        |
| YXR1937-06 | 9500                      | 297*62*18       | 254               | 548        |
| YXR1937-07 | 10000                     | 300*70*19       | 254               | 660        |
| YXR1937-08 | 12000                     | 297*88*18       | 254               | 760        |
| YXR1937-09 | 12000                     | 298*90*20       | 254               | 963        |
| YXR1937-10 | 16000                     | 300*105*30      | 254               | 1480       |
| YXR1937-11 | 16000                     | 335*145*23      | 254               | 1620       |
| YXR1937-12 | 16000                     | 310*140*30      | 254               | 2000       |

## HEAVY DUTY CUSTOM SHACKLE



◆ 3T MEGA BOW SHACKLE



◆ 8T MEGA BOW SHACKLE



◆ 5T ALUMINIUM BOW SHACKLE



◆ 8T MEGA BOW SHACKLE



◆ 8T MEGA BOW SHACKLE



◆ 10T SQUARE MEGA SHACKLE



◆ 10T ROUND MEGA SHACKLE



◆ 5T MEGA BOW SHACKLE



◆ 8T MEGA BOW SHACKLE

If you are in need of other types  
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please contact our sales department.



YXR1938

### WAY ROLLER FAIRLEAD

| ITEM NO.   | WORKING LOAD LIMIT (LBS.) | SIZE L*W*H (MM) | HOLE SPACING (MM) | WEIGHT (KG) |
|------------|---------------------------|-----------------|-------------------|-------------|
| YXR1938-01 | 2500                      | 128*87*47       | 109               | 0.65        |
| YXR1938-02 | 2500                      | 128*87*47       | 109               | 0.64        |
| YXR1938-03 | 3000                      | 160*91*48       | 124               | 1.04        |
| YXR1938-04 | 3000                      | 160*91*48       | 124               | 1.02        |
| YXR1938-05 | 4000                      | 190*90*58       | 152               | 1.13        |
| YXR1938-06 | 4500                      | 203*92*60       | 165               | 1.21        |
| YXR1938-07 | 6000                      | 232*93*64       | 202               | 2.04        |
| YXR1938-08 | 8000                      | 310*106*80      | 280               | 3.25        |
| YXR1938-09 | 9500                      | 297*124*88      | 254               | 4.20        |
| YXR1938-10 | 10000                     | 297*126*88      | 254               | 4.30        |
| YXR1938-11 | 10000                     | 297*123*88      | 254               | 4.28        |
| YXR1938-12 | 10000                     | 305*105*45      | 278               | 2.36        |
| YXR1938-13 | 16000                     | 298*129*88      | 254               | 5.12        |

# OFFROAD ACCESSORIES

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |
| ◆ ALUMINUM SNATCH BLOCK                                                             | ◆ STEEL MEGA SNATCH BLOCK                                                           | ◆ STAINLESS STEEL SNATCH BLOCK                                                        |
|    |    |    |
| ◆ STAINLESS STEEL PULLEY SNATCH BLOCK                                               | ◆ ALLOY STEEL SNATCH BLOCK                                                          | ◆ STAINLESS STEEL SNATCH BLOCK                                                        |
|   |   |   |
| ◆ STEEL SNATCH BLOCK                                                                | ◆ STEEL SNATCH BLOCK                                                                | ◆ STEEL SNATCH BLOCK                                                                  |
|  |  |  |
| ◆ STEEL SNATCH BLOCK                                                                | ◆ STEEL SNATCH BLOCK                                                                | ◆ CUSTOM SNATCH BLOCK                                                                 |
|  |  |  |
| ◆ 2INCH HITCH RECEIVER                                                              | ◆ CUSTOM ALUMINUM                                                                   | ◆ CUSTOM ALUMINUM HITCH RECEIVER                                                      |

# OFFROAD ACCESSORIES

|                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |
| ◆ ALUMINUM WINCH HOOK                                                                 | ◆ CUSTOM WINCH HOOK                                                                   | ◆ CUSTOM WINCH HOOK                                                                   |
|    |    |    |
| ◆ CUSTOM WINCH HOOK                                                                   | ◆ S-SHAPE WINCH HOOK                                                                  | ◆ WINCH HOOK WITH SAFETY LATCH                                                        |
|   |   |   |
| ◆ SOFT SHACKLE HITCH RECEIVER                                                         | ◆ TRAILER COUPLER LOCK                                                                | ◆ TRAILER RECOVERY KIT                                                                |
|  |  |  |
| ◆ HITCH LOCK                                                                          | ◆ FARM JACK                                                                           | ◆ FARM JACK BASE                                                                      |
|  |  |  |
| ◆ TRACTION BOARD                                                                      | ◆ WINCH LINE STOPPER                                                                  | ◆ HITCH LOCK                                                                          |

## TRAILER LATCH

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |
| ◆ ANGLE LEVER LOCK                                                                  | ◆ ANGLE LEVER LOCK                                                                  | ◆ ANGLE LEVER LOCK                                                                    |
|    |    |    |
| ◆ TRAILER LOCK LATCH                                                                | ◆ TRUCK SIDE DOOR LOCK                                                              | ◆ TRUCK SIDE DOOR LOCK                                                                |
|   |   |   |
| ◆ TRUCK DOOR HANDLE LOCK                                                            | ◆ TRUCK LOCK LATCH                                                                  | ◆ TRAILER BOX SIDE DOOR LOCK                                                          |
|  |  |  |
| ◆ TRUCK LOCK LATCH                                                                  | ◆ TRAILER LOCK LATCH WITH PLATE                                                     | ◆ TRAILER LOCK LATCH WITH PLATE                                                       |
|  |  |  |
| ◆ TOW RING                                                                          | ◆ TRAILER DOOR LOCK                                                                 | ◆ TRAILER HOOK                                                                        |

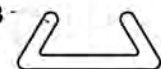
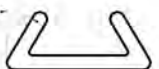
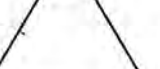
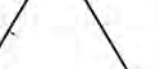
## TRAILER CUSTOMIZED HOT FORGING

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |
|    |    |    |    |
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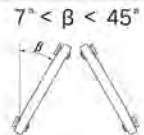
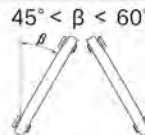
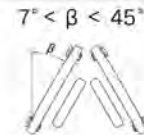
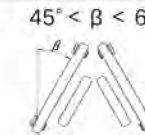
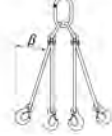
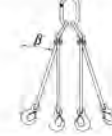
# SYNTHETIC FIBER SLING SERIES

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## LIFTING LOAD CHART

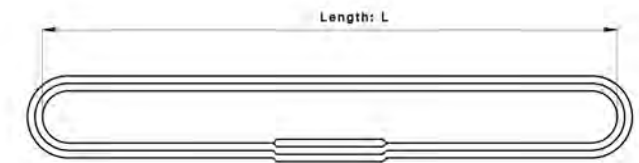
| ITEM                | WORKING LOAD OF SINGLE SLING (KG)                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                     |                                                                                     | $7^{\circ} < \beta < 45^{\circ}$                                                    | $45^{\circ} < \beta < 60^{\circ}$                                                   | $7^{\circ} < \beta < 45^{\circ}$                                                    | $45^{\circ} < \beta < 60^{\circ}$                                                   |
| ROUND SLING         |  |  |  |  |  |
| WEBBING SLING       |  |  |  |                                                                                     |                                                                                     |
| A SET OF SOFT SLING |  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| WAY<br>OEFFICIENT   | 1.0                                                                                 | 1.4                                                                                 | 1.0                                                                                 | 0.7                                                                                 | 0.5                                                                                 |
| 500kg               | 500                                                                                 | 700                                                                                 | 500                                                                                 | 350                                                                                 | 250                                                                                 |
| 1000kg              | 1000                                                                                | 1400                                                                                | 1000                                                                                | 700                                                                                 | 500                                                                                 |
| 2000kg              | 2000                                                                                | 2800                                                                                | 2000                                                                                | 1400                                                                                | 1000                                                                                |
| 3000kg              | 3000                                                                                | 4200                                                                                | 3000                                                                                | 2100                                                                                | 1500                                                                                |
| 4000kg              | 4000                                                                                | 5600                                                                                | 4000                                                                                | 2800                                                                                | 2000                                                                                |
| 5000kg              | 5000                                                                                | 7000                                                                                | 5000                                                                                | 3500                                                                                | 2500                                                                                |
| 6000kg              | 6000                                                                                | 8400                                                                                | 6000                                                                                | 4200                                                                                | 3000                                                                                |
| 8000kg              | 8000                                                                                | 11200                                                                               | 8000                                                                                | 5600                                                                                | 4000                                                                                |
| 10000kg             | 10000                                                                               | 14000                                                                               | 10000                                                                               | 7000                                                                                | 5000                                                                                |
| 12000kg             | 12000                                                                               | 16800                                                                               | 12000                                                                               | 8400                                                                                | 6000                                                                                |
| 15000kg             | 15000                                                                               | 21000                                                                               | 15000                                                                               | 10500                                                                               | 7500                                                                                |
| 20000kg             | 20000                                                                               | 28000                                                                               | 20000                                                                               | 14000                                                                               | 10000                                                                               |
| 25000kg             | 25000                                                                               | 35000                                                                               | 25000                                                                               | 17500                                                                               | 12500                                                                               |
| 30000kg             | 30000                                                                               | 42000                                                                               | 30000                                                                               | 21000                                                                               | 15000                                                                               |
| 40000kg             | 40000                                                                               | 56000                                                                               | 40000                                                                               | 28000                                                                               | 20000                                                                               |
| 50000kg             | 50000                                                                               | 70000                                                                               | 50000                                                                               | 35000                                                                               | 25000                                                                               |
| 60000kg             | 60000                                                                               | 84000                                                                               | 60000                                                                               | 42000                                                                               | 30000                                                                               |
| 80000kg             | 80000                                                                               | 112000                                                                              | 80000                                                                               | 56000                                                                               | 40000                                                                               |
| 100000kg            | 100000                                                                              | 140000                                                                              | 100000                                                                              | 70000                                                                               | 50000                                                                               |
| 200000kg            | 200000                                                                              | 280000                                                                              | 200000                                                                              | 140000                                                                              | 100000                                                                              |
| 300000kg            | 300000                                                                              | 420000                                                                              | 300000                                                                              | 210000                                                                              | 150000                                                                              |
| 400000kg            | 400000                                                                              | 560000                                                                              | 400000                                                                              | 280000                                                                              | 200000                                                                              |
| 500000kg            | 500000                                                                              | 700000                                                                              | 500000                                                                              | 350000                                                                              | 250000                                                                              |
| 600000kg            | 600000                                                                              | 840000                                                                              | 600000                                                                              | 420000                                                                              | 300000                                                                              |
| 700000kg            | 700000                                                                              | 980000                                                                              | 700000                                                                              | 490000                                                                              | 350000                                                                              |
| 800000kg            | 800000                                                                              | 1120000                                                                             | 800000                                                                              | 560000                                                                              | 400000                                                                              |
| 900000kg            | 900000                                                                              | 1260000                                                                             | 900000                                                                              | 630000                                                                              | 450000                                                                              |
| 1000000kg           | 1000000                                                                             | 1400000                                                                             | 1000000                                                                             | 700000                                                                              | 500000                                                                              |

## LIFTING LOAD CHART

| ITEM                |                                                                                     | WORKING LOAD OF DOUBLE SLING (KG)                                                 |                                                                                   | WORKING LOAD OF FOUR SLING (KG)                                                    |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                     |                                                                                     | $7^\circ < \beta < 45^\circ$                                                      | $45^\circ < \beta < 60^\circ$                                                     | $7^\circ < \beta < 45^\circ$                                                       | $45^\circ < \beta < 60^\circ$                                                       |
| ROUND SLING         |    |  |  |  |  |
| WEBBING SLING       |    |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| A SET OF SOFT SLING |    |  |  |  |  |
| WAY COEFFICIENT     |                                                                                     | 1.4                                                                               | 1.0                                                                               | 2.1                                                                                | 1.5                                                                                 |
| 500kg               |    | 700                                                                               | 500                                                                               | 1050                                                                               | 750                                                                                 |
| 1000kg              |    | 1400                                                                              | 1000                                                                              | 2100                                                                               | 1500                                                                                |
| 2000kg              |    | 2800                                                                              | 2000                                                                              | 4200                                                                               | 3000                                                                                |
| 3000kg              |    | 4200                                                                              | 3000                                                                              | 6300                                                                               | 4500                                                                                |
| 4000kg              |    | 5600                                                                              | 4000                                                                              | 8400                                                                               | 6000                                                                                |
| 5000kg              |    | 7000                                                                              | 5000                                                                              | 10500                                                                              | 7500                                                                                |
| 6000kg              |    | 8400                                                                              | 6000                                                                              | 12600                                                                              | 9000                                                                                |
| 8000kg              |    | 11200                                                                             | 8000                                                                              | 16800                                                                              | 12000                                                                               |
| 10000kg             |    | 14000                                                                             | 10000                                                                             | 21000                                                                              | 15000                                                                               |
| 12000kg             |  | 16800                                                                             | 12000                                                                             | 25200                                                                              | 18000                                                                               |
| 15000kg             |  | 21000                                                                             | 15000                                                                             | 31500                                                                              | 22500                                                                               |
| 20000kg             |  | 28000                                                                             | 20000                                                                             | 42000                                                                              | 30000                                                                               |
| 25000kg             |  | 35000                                                                             | 25000                                                                             | 52500                                                                              | 37500                                                                               |
| 30000kg             |  | 42000                                                                             | 30000                                                                             | 63000                                                                              | 45000                                                                               |
| 40000kg             |  | 56000                                                                             | 40000                                                                             |                                                                                    |                                                                                     |
| 50000kg             |  | 70000                                                                             | 50000                                                                             |                                                                                    |                                                                                     |
| 60000kg             |  | 84000                                                                             | 60000                                                                             |                                                                                    |                                                                                     |
| 80000kg             |  | 112000                                                                            | 80000                                                                             |                                                                                    |                                                                                     |
| 100000kg            |  | 140000                                                                            | 100000                                                                            |                                                                                    |                                                                                     |
| 200000kg            |  | 280000                                                                            | 200000                                                                            |                                                                                    |                                                                                     |
| 300000kg            |  | 420000                                                                            | 300000                                                                            |                                                                                    |                                                                                     |
| 400000kg            |  | 560000                                                                            | 400000                                                                            |                                                                                    |                                                                                     |
| 500000kg            |  | 700000                                                                            | 500000                                                                            |                                                                                    |                                                                                     |
| 600000kg            |  | 840000                                                                            | 600000                                                                            |                                                                                    |                                                                                     |
| 700000kg            |  | 980000                                                                            | 700000                                                                            |                                                                                    |                                                                                     |
| 800000kg            |  | 1120000                                                                           | 800000                                                                            |                                                                                    |                                                                                     |
| 900000kg            |  | 1260000                                                                           | 900000                                                                            |                                                                                    |                                                                                     |
| 1000000kg           |  | 1400000                                                                           | 1000000                                                                           |                                                                                    |                                                                                     |



YXR2000



## RA ROUND SLING

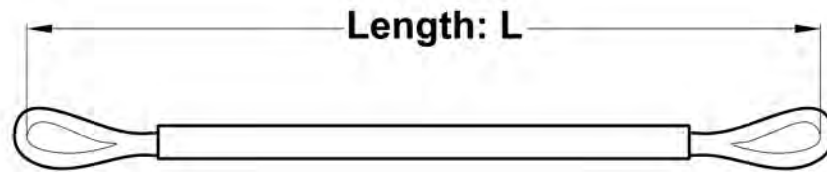
| ITEM NO.   | COLOR                                                                                 | RATED LOAD (KG) | APP. THICKNESS (MM) | APP. WIDTH (MM) | MIN. LENGTH (M) | MAX. LENGTH (M) |
|------------|---------------------------------------------------------------------------------------|-----------------|---------------------|-----------------|-----------------|-----------------|
| YXR2000-01 |    | 500             | 4                   | 50              | 0.5             |                 |
| YXR2000-02 |    | 1000            | 6                   | 50              | 0.5             |                 |
| YXR2000-03 |    | 2000            | 8                   | 60              | 0.5             |                 |
| YXR2000-04 |    | 3000            | 9                   | 70              | 0.5             |                 |
| YXR2000-05 |    | 4000            | 11                  | 70              | 0.5             |                 |
| YXR2000-06 |    | 5000            | 13                  | 85              | 0.5             |                 |
| YXR2000-07 |    | 6000            | 13                  | 85              | 1.0             |                 |
| YXR2000-08 |    | 8000            | 13                  | 120             | 1.0             |                 |
| YXR2000-09 |    | 10000           | 14                  | 120             | 2.0             |                 |
| YXR2000-10 |    | 12000           | 15                  | 130             | 2.0             |                 |
| YXR2000-11 |    | 15000           | 18                  | 130             | 2.0             |                 |
| YXR2000-12 |  | 20000           | 20                  | 140             | 2.5             |                 |
| YXR2000-13 |  | 25000           | 24                  | 140             | 2.5             |                 |
| YXR2000-14 |  | 30000           | 32                  | 145             | 2.5             |                 |
| YXR2000-15 |  | 40000           | 40                  | 150             | 2.5             |                 |
| YXR2000-16 |  | 50000           | 45                  | 175             | 4.0             |                 |
| YXR2000-17 |  | 60000           | 65                  | 205             | 4.0             |                 |
| YXR2000-18 |  | 80000           | 70                  | 250             | 4.0             |                 |
| YXR2000-19 |  | 100000          | 80                  | 290             | 5.0             |                 |
| YXR2000-20 |  | 200000          | 120                 | 465             | 5.0             |                 |
| YXR2000-21 |  | 300000          | 160                 | 555             | 5.0             |                 |
| YXR2000-22 |  | 400000          | 200                 | 700             | 8.0             |                 |
| YXR2000-23 |  | 500000          | 220                 | 790             | 8.0             |                 |
| YXR2000-24 |  | 600000          | 240                 | 875             | 8.0             |                 |
| YXR2000-25 |  | 700000          | 260                 | 920             | 8.0             |                 |
| YXR2000-26 |  | 800000          | 280                 | 985             | 8.0             |                 |
| YXR2000-27 |  | 900000          | 300                 | 1050            | 9.0             |                 |
| YXR2000-28 |  | 1000000         | 320                 | 1080            | 9.0             |                 |

To Be Customized

◆ APP.: Approximate Max.: Maximum Min.: Minimum.



YXR2001

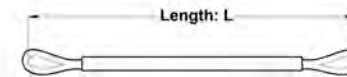


### RB ROUND SLING

| ITEM NO.   | COLOR  | RATED LOAD (KG) | APP. THICKNESS (MM) | APP. WIDTH (MM) | MIN. LENGTH (M) | MAX. LENGTH (M) |
|------------|--------|-----------------|---------------------|-----------------|-----------------|-----------------|
| YXR2001-01 | Orange | 500             | 11                  | 60              | 0.5             |                 |
| YXR2001-02 | Purple | 1000            | 14                  | 60              | 0.5             |                 |
| YXR2001-03 | Green  | 2000            | 20                  | 70              | 0.5             |                 |
| YXR2001-04 | Yellow | 3000            | 25                  | 85              | 0.5             |                 |
| YXR2001-05 | Grey   | 4000            | 27                  | 85              | 0.5             |                 |
| YXR2001-06 | Pink   | 5000            | 29                  | 120             | 0.5             |                 |
| YXR2001-07 | Brown  | 6000            | 29                  | 120             | 1.0             |                 |
| YXR2001-08 | Blue   | 8000            | 29                  | 140             | 1.0             |                 |
| YXR2001-09 | Orange | 10000           | 30                  | 140             | 2.0             |                 |
| YXR2001-10 | Orange | 12000           | 31                  | 140             | 2.0             |                 |
| YXR2001-11 | Orange | 15000           | 32                  | 140             | 2.0             |                 |
| YXR2001-12 | Orange | 20000           | 33                  | 175             | 2.5             |                 |
| YXR2001-13 | Orange | 25000           | 34                  | 185             | 2.5             |                 |
| YXR2001-14 | Orange | 30000           | 68                  | 205             | 2.5             |                 |
| YXR2001-15 | Orange | 40000           | 75                  | 250             | 2.5             |                 |
| YXR2001-16 | Orange | 50000           | 86                  | 260             | 2.5             |                 |
| YXR2001-17 | Orange | 60000           | 126                 | 270             | 4.0             |                 |
| YXR2001-18 | Orange | 80000           | 138                 | 335             | 4.0             |                 |
| YXR2001-19 | Orange | 100000          | 152                 | 430             | 4.0             |                 |
| YXR2001-20 | Orange | 200000          | 230                 | 540             | 5.0             |                 |
| YXR2001-21 | Orange | 300000          | 300                 | 650             | 5.0             |                 |
| YXR2001-22 | Orange | 400000          | 370                 | 800             | 5.0             |                 |
| YXR2001-23 | Orange | 500000          | 400                 | 875             | 8.0             |                 |
| YXR2001-24 | Orange | 600000          | 450                 | 960             | 8.0             |                 |
| YXR2001-25 | Orange | 700000          | 490                 | 1050            | 8.0             |                 |
| YXR2001-26 | Orange | 800000          | 510                 | 1100            | 9.0             |                 |
| YXR2001-27 | Orange | 900000          | 570                 | 1190            | 9.0             |                 |
| YXR2001-28 | Orange | 1000000         | 600                 | 1240            | 9.0             |                 |

To Be Customized

◆ APP.: Approximate Max.: Maximum Min.: Minimum



YXR2002

### WA ORDINARY WEBBING SLING

| ITEM NO.   | COLOR  | RATED LOAD (KG) | APP. THICKNESS (MM) | APP. WIDTH (MM) | MIN. LENGTH (M) | MAX. LENGTH (M) |
|------------|--------|-----------------|---------------------|-----------------|-----------------|-----------------|
| YXR2002-01 | Orange | 500             | 4                   | 25              | 0.9             |                 |
| YXR2002-02 | Purple | 1000            | 6                   | 40              | 1.1             |                 |
| YXR2002-03 | Green  | 2000            | 7                   | 60              | 1.2             |                 |
| YXR2002-04 | Yellow | 3000            | 7                   | 80              | 1.3             |                 |
| YXR2002-05 | Grey   | 4000            | 8                   | 100             | 1.4             |                 |
| YXR2002-06 | Pink   | 5000            | 11                  | 100             | 2.0             |                 |
| YXR2002-07 | Brown  | 6000            | 8                   | 150             | 2.0             |                 |
| YXR2002-08 | Blue   | 8000            | 8                   | 200             | 2.0             |                 |
| YXR2002-09 | Orange | 10000           | 8                   | 250             | 3.0             |                 |
| YXR2002-10 | Orange | 12000           | 8                   | 300             | 3.0             |                 |
| YXR2002-11 | Orange | 15000           | 12                  | 250             | 3.0             |                 |
| YXR2002-12 | Orange | 1800            | 12                  | 300             | 3.0             |                 |
| YXR2002-13 | Orange | 20000           | 20                  | 250             | 3.0             |                 |
| YXR2002-14 | Orange | 24000           | 16                  | 300             | 3.0             |                 |

To Be Customized

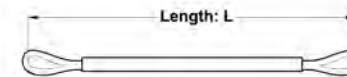
◆ APP.: Approximate Max.: Maximum Min.: Minimum

### WB ORDINARY WEBBING SLING

| ITEM NO.   | COLOR  | RATED LOAD (KG) | APP. THICKNESS (MM) | APP. WIDTH (MM) | MIN. LENGTH (M) | MAX. LENGTH (M) |
|------------|--------|-----------------|---------------------|-----------------|-----------------|-----------------|
| YXR2003-01 | Orange | 500             | 5                   | 25              | 0.9             |                 |
| YXR2003-02 | Purple | 1000            | 7                   | 40              | 1.1             |                 |
| YXR2003-03 | Green  | 2000            | 8                   | 60              | 1.2             |                 |
| YXR2003-04 | Yellow | 3000            | 8                   | 80              | 1.3             |                 |
| YXR2003-05 | Grey   | 4000            | 9                   | 100             | 1.4             |                 |
| YXR2003-06 | Pink   | 5000            | 12                  | 100             | 2.0             |                 |
| YXR2003-07 | Brown  | 6000            | 9                   | 150             | 2.0             |                 |
| YXR2003-08 | Blue   | 8000            | 9                   | 200             | 2.0             |                 |
| YXR2003-09 | Orange | 10000           | 9                   | 250             | 3.0             |                 |
| YXR2003-10 | Orange | 12000           | 9                   | 300             | 3.0             |                 |
| YXR2003-11 | Orange | 15000           | 13                  | 250             | 3.0             |                 |
| YXR2003-12 | Orange | 20000           | 21                  | 250             | 3.0             |                 |
| YXR2003-13 | Orange | 24000           | 17                  | 300             | 3.0             |                 |

To Be Customized

◆ APP.: Approximate Max.: Maximum Min.: Minimum



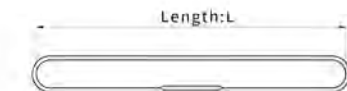
YXR2003

### WC ORDINARY WEBBING SLING

| ITEM NO.   | COLOR  | RATED LOAD (KG) | APP. THICKNESS (MM) | APP. WIDTH (MM) | MIN. LENGTH (M) | MAX. LENGTH (M) |
|------------|--------|-----------------|---------------------|-----------------|-----------------|-----------------|
| YXR2004-01 | Orange | 500             | 2                   | 25              | 0.5             |                 |
| YXR2004-02 | Purple | 1000            | 3                   | 40              | 0.5             |                 |
| YXR2004-03 | Green  | 2000            | 4                   | 60              | 1.0             |                 |
| YXR2004-04 | Yellow | 3000            | 4                   | 80              | 1.5             |                 |
| YXR2004-05 | Grey   | 4000            | 4                   | 100             | 1.5             |                 |
| YXR2004-06 | Pink   | 5000            | 4                   | 150             | 1.5             |                 |
| YXR2004-07 | Brown  | 6000            | 4                   | 150             | 1.5             |                 |
| YXR2004-08 | Blue   | 8000            | 4                   | 200             | 2.0             |                 |
| YXR2004-09 | Orange | 10000           | 4                   | 250             | 2.0             |                 |
| YXR2004-10 | Orange | 12000           | 4                   | 300             | 2.0             |                 |

To Be Customized

◆ APP.: Approximate Max.: Maximum Min.: Minimum



YXR2004



YXR2005

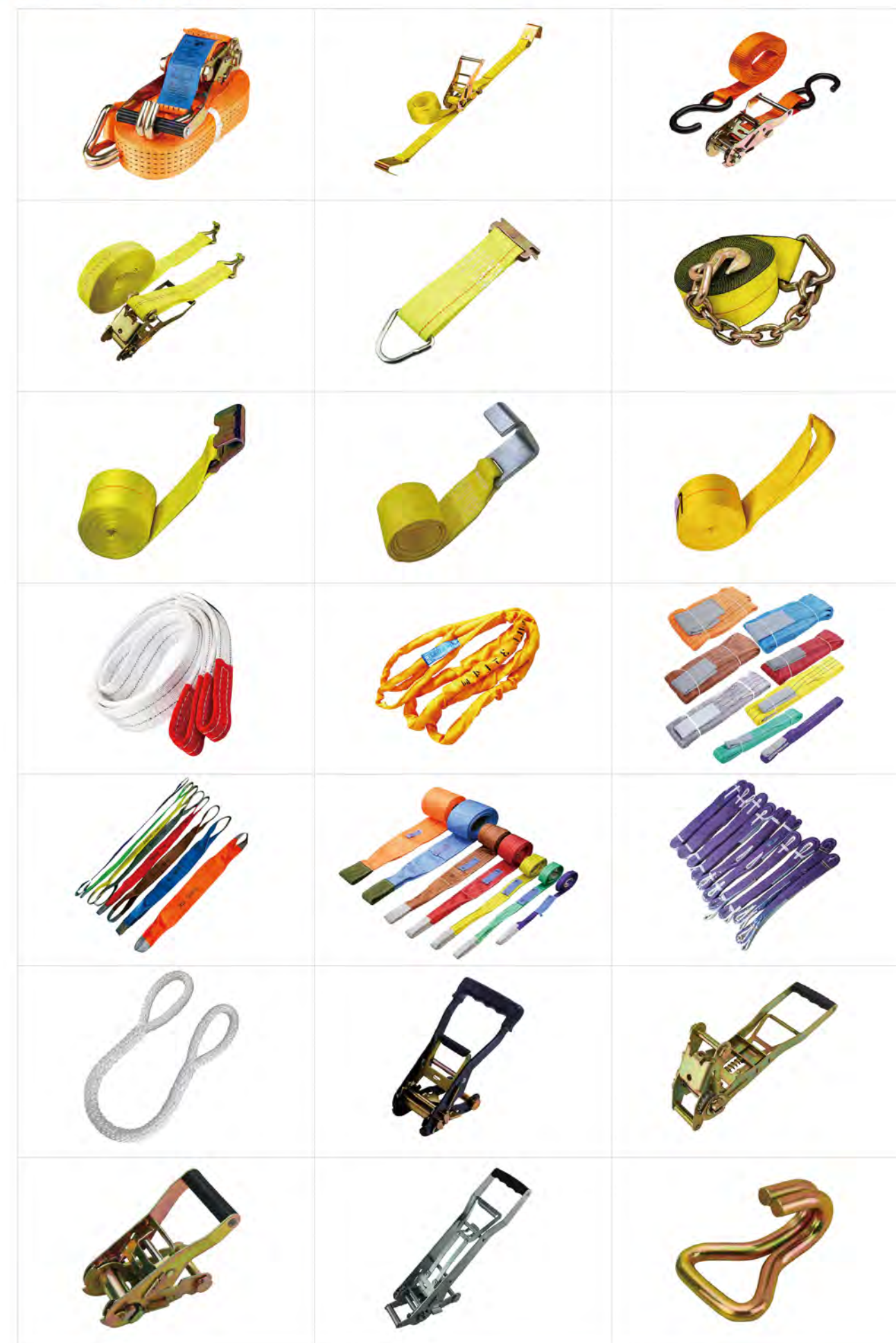


### RSA FASTENER

| ITEM NO.   | BL (KG) | APPLICABLE WIDTH (MM) | TOTAL STANDARD LENGTH (M) | TOTAL WEIGHT (KG) | MAX. LENGTH (M)  |
|------------|---------|-----------------------|---------------------------|-------------------|------------------|
| YXR2005-01 | 2000    | 38                    | 8                         | 1.6               | To Be Customized |
| YXR2005-02 | 5000    | 50                    | 8                         | 2.6               |                  |
| YXR2005-03 | 8000    | 80                    | 8                         | 7.0               |                  |
| YXR2005-04 | 10000   | 100                   | 8                         | 9.3               |                  |

◆ BL: Breaking Load Max.: Maximum.

### WEBBING SLING



YXR2006



### RSB FASTENER

| ITEM NO.   | BL (KG) | APPLICABLE WIDTH (MM) | TOTAL STANDARD LENGTH (M) | TOTAL WEIGHT (KG) | MAX. LENGTH (M)  |
|------------|---------|-----------------------|---------------------------|-------------------|------------------|
| YXR2006-01 | 2000    | 38                    | 8                         | 1.4               | To Be Customized |
| YXR2006-02 | 5000    | 50                    | 8                         | 2.2               |                  |
| YXR2006-03 | 8000    | 80                    | 8                         | 5.5               |                  |
| YXR2006-04 | 10000   | 100                   | 8                         | 8.2               |                  |

◆ BL: Breaking Load Max.: Maximum.



YXR2007



### RSC FASTENER

| ITEM NO.   | BL (KG) | APPLICABLE WIDTH (MM) | TOTAL STANDARD LENGTH (M) | TOTAL WEIGHT (KG) | MAX. LENGTH (M)  |
|------------|---------|-----------------------|---------------------------|-------------------|------------------|
| YXR2007-01 | 2000    | 38                    | 8                         | 1.4               | To Be Customized |
| YXR2007-02 | 5000    | 50                    | 8                         | 2.2               |                  |
| YXR2007-03 | 8000    | 80                    | 8                         | 5.5               |                  |
| YXR2007-04 | 10000   | 100                   | 8                         | 8.2               |                  |

◆ BL: Breaking Load Max.: Maximum.