

# High-strength shackles

## bow shaped



When ordering, specify:  
 A = with eye bolt  
 B = with protruding bolt,  
 nut and split pin

### No. 549 High-strength bow shaped shackles

zinc-plated, coated bolt, load capacity and nominal size punched in.  
 All dimensions in mm.



| Shackle thickness in inches     | 5/16 | 3/8  | 7/16 | 1/2  | 5/8  | 3/4  | 7/8  |
|---------------------------------|------|------|------|------|------|------|------|
| Load capacity in kg             | 750  | 1000 | 1500 | 2000 | 3250 | 4750 | 6500 |
| Internal height                 | 31   | 36   | 42   | 48   | 60   | 71   | 83   |
| Internal width                  | 21   | 26   | 29   | 33   | 43   | 51   | 58   |
| Jaw width                       | 13   | 16   | 18   | 21   | 27   | 32   | 36   |
| Bolt size in inches             | 3/8  | 7/16 | 1/2  | 5/8  | 3/4  | 7/8  | 1    |
| Bolt size, metric               | 10   | 11   | 13   | 16   | 19   | 22   | 25   |
| External Ø, bolt retainer       | 21   | 25   | 27   | 30   | 40   | 48   | 54   |
| Weight, version A in kg approx. | 0.08 | 0.14 | 0.22 | 0.33 | 0.65 | 0.97 | 1.52 |
| Weight, version B in kg approx. | 0.10 | 0.15 | 0.26 | 0.37 | 0.71 | 1.27 | 1.78 |



| Shackle thickness in inches     | 1     | 1.1/8 | 1.1/4 | 1.3/8 | 1.1/2 | 1.3/4 | 2     |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Load capacity in kg             | 8500  | 9500  | 12000 | 13500 | 17000 | 25000 | 35000 |
| Internal height                 | 95    | 108   | 115   | 133   | 146   | 178   | 197   |
| Internal width                  | 68    | 74    | 82    | 92    | 98    | 127   | 146   |
| Jaw width                       | 43    | 46    | 52    | 57    | 60    | 73    | 83    |
| Bolt size in inches             | 1.1/8 | 1.1/4 | 1.3/8 | 1.1/2 | 1.5/8 | 2     | 2.1/4 |
| Bolt size, metric               | 29    | 32    | 35    | 38    | 41    | 51    | 57    |
| External Ø, bolt retainer       | 60    | 67    | 76    | 84    | 92    | 110   | 127   |
| Weight, version A in kg approx. | 2.39  | 3.15  | 4.32  | 5.67  | 7.79  | 12.51 | 18.50 |
| Weight, version B in kg approx. | 2.52  | 3.53  | 5.04  | 6.84  | 8.78  | 14.09 | 20.84 |

| Shackle thickness in inches     | 2.1/2 | 3     | 3.1/2  | 4      | 4.3/8  |
|---------------------------------|-------|-------|--------|--------|--------|
| Load capacity in kg             | 55000 | 85000 | 120000 | 150000 | 175000 |
| Internal height                 | 260   | 329   | 380    | 400    | 464    |
| Internal width                  | 184   | 200   | 230    | 260    | 290    |
| Jaw width                       | 105   | 127   | 146    | 165    | 184    |
| Bolt size in inches             | 2.3/4 | 3.1/4 | 3.3/4  | 4.1/4  | 5.1/8  |
| Bolt size, metric               | 70    | 82    | 95     | 108    | 130    |
| External Ø, bolt retainer       | 152   | 165   | 203    | 229    | 262    |
| Weight, version A in kg approx. | 37.85 | -     | -      | -      | -      |
| Weight, version B in kg approx. | 42.30 | 65.30 | 112.50 | 161.50 | 236.25 |

**Test load** = 2-fold load capacity  
**Breaking load** = 2 t to 30 t shackles 6-fold load capacity  
 50 t shackles and above 5-fold load capacity

Compared to shackles made of normal quality steels, the high-strength shackles have a considerably lower dead weight.