



LOAD ANGLE CHART

α max : 90° / β max : 60°

L : Load

5:1

| METRIC THREADS | | Torque (Nm) | | | | | | | | | | |
|------------------------|-----|-------------|------|------|------|------|----------|-----------|------------|----------|-----------|------------|
| Number of rings | | | 1 | 2 | 1 | 2 | 2 | | | 3 → 4 | | |
| Lifting angle β | | | 0° | 0° | 0° | 0° | 0° → 45° | 45° → 60° | Asymmetric | 0° → 45° | 45° → 60° | Asymmetric |
| Loading angle α | | | 0° | 0° | 90° | 90° | 0° → 45° | 45° → 60° | | 0° → 45° | 45° → 60° | |
| DSH M 8 | 6 | | 0,40 | 0,80 | 0,40 | 0,80 | 0,56 | 0,40 | 0,40 | 0,84 | 0,60 | 0,40 |
| DSH M 10 | 10 | | 0,70 | 1,40 | 0,70 | 1,40 | 0,98 | 0,70 | 0,70 | 1,47 | 1,05 | 0,70 |
| DSH M 12 | 15 | | 1,05 | 2,10 | 1,05 | 2,10 | 1,47 | 1,05 | 1,05 | 2,21 | 1,58 | 1,05 |
| DSH M 14 | 30 | | 1,40 | 2,80 | 1,40 | 2,80 | 1,96 | 1,40 | 1,40 | 2,94 | 2,10 | 1,40 |
| DSH M 16 | 50 | | 2,00 | 4,00 | 2,00 | 4,00 | 2,80 | 2,00 | 2,00 | 4,20 | 3,00 | 2,00 |
| DSH M 18 | 70 | | 2,30 | 4,60 | 2,30 | 4,60 | 3,22 | 2,30 | 2,30 | 4,83 | 3,45 | 2,30 |
| DSH M 20 | 100 | | 2,50 | 5,00 | 2,50 | 5,00 | 3,50 | 2,50 | 2,50 | 5,25 | 3,75 | 2,50 |

max. load in t

5:1

| UNC THREADS | | Torque (ft-lb) | | | | | | | | | | |
|------------------------|----|----------------|-------|--------|-------|--------|----------|-----------|------------|----------|-----------|------------|
| Number of rings | | | 1 | 2 | 1 | 2 | 2 | | | 3 → 4 | | |
| Lifting angle β | | | 0° | 0° | 0° | 0° | 0° → 45° | 45° → 60° | Asymmetric | 0° → 45° | 45° → 60° | Asymmetric |
| Loading angle α | | | 0° | 0° | 90° | 90° | 0° → 45° | 45° → 60° | | 0° → 45° | 45° → 60° | |
| DSH U 516 | 7 | | 1,000 | 2,000 | 1,000 | 2,000 | 1,400 | 1,000 | 1,000 | 2,100 | 1,500 | 1,000 |
| DSH U 038 | 8 | | 1,300 | 2,600 | 1,300 | 2,600 | 1,820 | 1,300 | 1,300 | 2,730 | 1,950 | 1,300 |
| DSH U 050 | 12 | | 2,400 | 4,800 | 2,400 | 4,800 | 3,360 | 2,400 | 2,400 | 5,040 | 3,600 | 2,400 |
| DSH U 058 | 40 | | 3,900 | 7,800 | 3,900 | 7,800 | 5,460 | 3,900 | 3,900 | 8,190 | 5,850 | 3,900 |
| DSH U 075 | 80 | | 5,250 | 10,500 | 5,250 | 10,500 | 7,350 | 5,250 | 5,250 | 11,025 | 7,875 | 5,250 |

max. load in lbs