

# SEB / FE.SE.B



## LOAD ANGLE CHART

$\alpha$  max : 90° /  $\beta$  max : 60°  
L : Load

4:1

| METRIC THREADS                    |     | Torque (Nm) |       |       |       |       |          |           |            |          |           |            |
|-----------------------------------|-----|-------------|-------|-------|-------|-------|----------|-----------|------------|----------|-----------|------------|
| Number of rings                   |     |             | 1     | 2     | 1     | 2     | 2        |           |            | 3 → 4    |           |            |
| Lifting angle $\beta$             |     |             | 0°    | 0°    | 0°    | 0°    | 0° → 45° | 45° → 60° | Asymmetric | 0° → 45° | 45° → 60° | Asymmetric |
| Loading angle $\alpha$            |     |             | 0°    | 0°    | 90°   | 90°   | 0° → 45° | 45° → 60° |            | 0° → 45° | 45° → 60° |            |
| SEB M 8 UP / FE.SE.B M 8 UP       | 6   |             | 0,80  | 1,60  | 0,50  | 1,00  | 0,70     | 0,50      | 0,50       | 1,05     | 0,75      | 0,50       |
| SEB M 10 UP / FE.SE.B M 10 UP     | 10  |             | 1,60  | 3,20  | 0,70  | 1,40  | 0,98     | 0,70      | 0,70       | 1,47     | 1,05      | 0,70       |
| SEB M 12 UP / FE.SE.B M 12 UP     | 15  |             | 1,90  | 3,80  | 0,90  | 1,80  | 1,26     | 0,90      | 0,90       | 1,89     | 1,35      | 0,90       |
| SEB M 16 UP / FE.SE.B M 16 UP     | 50  |             | 3,20  | 6,40  | 1,80  | 3,60  | 2,52     | 1,80      | 1,80       | 3,78     | 2,70      | 1,80       |
| SEB M 20 UP / FE.SE.B M 20 UP     | 100 |             | 6,50  | 13,00 | 2,70  | 5,40  | 3,78     | 2,70      | 2,70       | 5,67     | 4,05      | 2,70       |
| SEB M 24 3t8 UP                   | 160 |             | 8,00  | 16,00 | 3,80  | 7,60  | 5,32     | 3,80      | 3,80       | 7,98     | 5,70      | 3,80       |
| SEB M 24 4t2 UP / FE.SE.B M 24 UP | 160 |             | 7,00  | 14,00 | 4,20  | 8,40  | 5,88     | 4,20      | 4,20       | 8,82     | 6,30      | 4,20       |
| SEB M 30 UP / FE.SE.B M 30 UP     | 250 |             | 10,00 | 20,00 | 6,30  | 12,60 | 8,82     | 6,30      | 6,30       | 13,23    | 9,45      | 6,30       |
| SEB M 36 UP / FE.SE.B M 36 UP     | 320 |             | 12,00 | 24,00 | 11,00 | 22,00 | 15,40    | 11,00     | 11,00      | 23,10    | 16,50     | 11,00      |
| SEB M 42 UP                       | 400 |             | 15,00 | 30,00 | 15,00 | 30,00 | 21,00    | 15,00     | 15,00      | 31,50    | 22,50     | 15,00      |
| SEB M 48 UP                       | 600 |             | 18,00 | 36,00 | 16,00 | 32,00 | 22,40    | 16,00     | 16,00      | 33,60    | 24,00     | 16,00      |

max. load in t

4:1

| UNC THREADS                     |     | Torque (ft-lb) |        |        |        |        |          |           |            |          |           |            |
|---------------------------------|-----|----------------|--------|--------|--------|--------|----------|-----------|------------|----------|-----------|------------|
| Number of rings                 |     |                | 1      | 2      | 1      | 2      | 2        |           |            | 3 → 4    |           |            |
| Lifting angle $\beta$           |     |                | 0°     | 0°     | 0°     | 0°     | 0° → 45° | 45° → 60° | Asymmetric | 0° → 45° | 45° → 60° | Asymmetric |
| Loading angle $\alpha$          |     |                | 0°     | 0°     | 90°    | 90°    | 0° → 45° | 45° → 60° |            | 0° → 45° | 45° → 60° |            |
| SEB U 038 UP / FE.SE.B U 038 UP | 8   |                | 3,500  | 7,000  | 1,500  | 3,000  | 2,100    | 1,500     | 1,500      | 3,150    | 2,250     | 1,500      |
| SEB U 050 UP / FE.SE.B U 050 UP | 12  |                | 4,200  | 8,400  | 1,950  | 3,900  | 2,730    | 1,950     | 1,950      | 4,095    | 2,925     | 1,950      |
| SEB U 058 UP / FE.SE.B U 058 UP | 40  |                | 7,000  | 14,000 | 4,000  | 8,000  | 5,600    | 4,000     | 4,000      | 8,400    | 6,000     | 4,000      |
| SEB U 075 UP / FE.SE.B U 075 UP | 80  |                | 15,000 | 30,000 | 5,900  | 11,800 | 8,260    | 5,900     | 5,900      | 12,390   | 8,850     | 5,900      |
| SEB U 100 UP / FE.SE.B U 100 UP | 125 |                | 15,000 | 30,000 | 9,300  | 18,600 | 13,020   | 9,300     | 9,300      | 19,530   | 13,950    | 9,300      |
| SEB U 125 UP / FE.SE.B U 125 UP | 200 |                | 22,000 | 44,000 | 13,800 | 27,600 | 19,320   | 13,800    | 13,800     | 28,980   | 20,700    | 13,800     |
| SEB U 150 UP                    | 240 |                | 25,000 | 50,000 | 25,000 | 50,000 | 35,000   | 25,000    | 25,000     | 52,500   | 37,500    | 25,000     |
| SEB U 200 UP                    | 450 |                | 39,600 | 79,200 | 35,200 | 70,400 | 49,280   | 35,200    | 35,200     | 73,920   | 52,800    | 35,200     |

max. load in lbs

# SEB / FE.SE.B



## LOAD ANGLE CHART

$\alpha$  max : 90° /  $\beta$  max : 60°  
L : Load

5:1

| METRIC THREADS                    |     | Torque (Nm) |       |       |       |       |          |           |            |          |           |            |
|-----------------------------------|-----|-------------|-------|-------|-------|-------|----------|-----------|------------|----------|-----------|------------|
| Number of rings                   |     |             | 1     | 2     | 1     | 2     | 2        |           | Asymmetric | 3 → 4    |           |            |
| Lifting angle $\beta$             |     |             | 0°    | 0°    | 0°    | 0°    | 0° → 45° | 45° → 60° |            | 0° → 45° | 45° → 60° | Asymmetric |
| Loading angle $\alpha$            |     |             | 0°    | 0°    | 90°   | 90°   | 0° → 45° | 45° → 60° |            | 0° → 45° | 45° → 60° |            |
| SEB M 8 UP / FE.SE.B M 8 UP       | 6   |             | 0,70  | 1,40  | 0,40  | 0,80  | 0,56     | 0,40      | 0,40       | 0,84     | 0,60      | 0,40       |
| SEB M 10 UP / FE.SE.B M 10 UP     | 10  |             | 1,20  | 2,40  | 0,50  | 1,00  | 0,70     | 0,50      | 0,50       | 1,05     | 0,75      | 0,50       |
| SEB M 12 UP / FE.SE.B M 12 UP     | 15  |             | 1,70  | 3,40  | 0,80  | 1,60  | 1,12     | 0,80      | 0,80       | 1,68     | 1,20      | 0,80       |
| SEB M 16 UP / FE.SE.B M 16 UP     | 50  |             | 3,20  | 6,40  | 1,40  | 2,80  | 1,96     | 1,40      | 1,40       | 2,94     | 2,10      | 1,40       |
| SEB M 20 UP / FE.SE.B M 20 UP     | 100 |             | 5,00  | 10,00 | 2,00  | 4,00  | 2,80     | 2,00      | 2,00       | 4,20     | 3,00      | 2,00       |
| SEB M 24 3t8 UP                   | 160 |             | 6,30  | 12,60 | 3,20  | 6,40  | 4,48     | 3,20      | 3,20       | 6,72     | 4,80      | 3,20       |
| SEB M 24 4t2 UP / FE.SE.B M 24 UP | 160 |             | 7,00  | 14,00 | 3,40  | 6,80  | 4,76     | 3,40      | 3,40       | 7,14     | 5,10      | 3,40       |
| SEB M 30 UP / FE.SE.B M 30 UP     | 250 |             | 8,50  | 17,00 | 5,50  | 11,00 | 7,70     | 5,50      | 5,50       | 11,55    | 8,25      | 5,50       |
| SEB M 36 UP / FE.SE.B M 36 UP     | 320 |             | 12,00 | 24,00 | 9,00  | 18,00 | 12,60    | 9,00      | 9,00       | 18,90    | 13,50     | 9,00       |
| SEB M 42 UP                       | 400 |             | 12,00 | 24,00 | 12,00 | 24,00 | 16,80    | 12,00     | 12,00      | 25,20    | 18,00     | 12,00      |
| SEB M 48 UP                       | 600 |             | 15,00 | 30,00 | 15,00 | 30,00 | 21,00    | 15,00     | 15,00      | 31,50    | 22,50     | 15,00      |

max. load in t

5:1

| UNC THREADS                     |     | Torque (ft-lb) |        |        |        |        |          |           |            |          |           |            |
|---------------------------------|-----|----------------|--------|--------|--------|--------|----------|-----------|------------|----------|-----------|------------|
| Number of rings                 |     |                | 1      | 2      | 1      | 2      | 2        |           | Asymmetric | 3 → 4    |           |            |
| Lifting angle $\beta$           |     |                | 0°     | 0°     | 0°     | 0°     | 0° → 45° | 45° → 60° |            | 0° → 45° | 45° → 60° | Asymmetric |
| Loading angle $\alpha$          |     |                | 0°     | 0°     | 90°    | 90°    | 0° → 45° | 45° → 60° |            | 0° → 45° | 45° → 60° |            |
| SEB U 038 UP / FE.SE.B U 038 UP | 8   |                | 2,800  | 5,600  | 1,200  | 2,400  | 1,680    | 1,200     | 1,200      | 2,520    | 1,800     | 1,200      |
| SEB U 050 UP / FE.SE.B U 050 UP | 12  |                | 3,800  | 7,600  | 1,800  | 3,600  | 2,520    | 1,800     | 1,800      | 3,780    | 2,700     | 1,800      |
| SEB U 058 UP / FE.SE.B U 058 UP | 40  |                | 7,000  | 14,000 | 3,200  | 6,400  | 4,480    | 3,200     | 3,200      | 6,720    | 4,800     | 3,200      |
| SEB U 075 UP / FE.SE.B U 075 UP | 80  |                | 12,000 | 24,000 | 4,750  | 9,500  | 6,650    | 4,750     | 4,750      | 9,975    | 7,125     | 4,750      |
| SEB U 100 UP / FE.SE.B U 100 UP | 125 |                | 15,000 | 30,000 | 7,500  | 15,000 | 10,500   | 7,500     | 7,500      | 15,750   | 11,250    | 7,500      |
| SEB U 125 UP / FE.SE.B U 125 UP | 200 |                | 19,000 | 38,000 | 12,200 | 24,400 | 17,080   | 12,200    | 12,200     | 25,620   | 18,300    | 12,200     |
| SEB U 150 UP                    | 240 |                | 25,000 | 50,000 | 20,000 | 40,000 | 28,000   | 20,000    | 20,000     | 42,000   | 30,000    | 20,000     |
| SEB U 200 UP                    | 450 |                | 39,600 | 79,200 | 33,000 | 66,000 | 46,200   | 33,000    | 33,000     | 72,600   | 49,500    | 33,000     |

max. load in lbs