

| Nominal Diameter d | | | Φ2 | Φ2.5 | Φ3 | Φ3.5 | Φ4 | Φ4.5 | Φ5 | Φ6 | Φ8 | Φ10 | Φ12 | Φ13 |
|-------------------------|-----------------|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| d | Before mounting | max | 2.40 | 2.90 | 3.50 | 4.00 | 4.60 | 5.10 | 5.60 | 6.70 | 8.80 | 10.80 | 12.80 | 13.80 |
| | | min | 2.30 | 2.80 | 3.30 | 3.80 | 4.40 | 4.90 | 5.40 | 6.40 | 8.50 | 10.50 | 12.50 | 13.50 |
| d _i | Before mounting | ≈ | 1.90 | 2.30 | 2.70 | 3.10 | 3.40 | 3.90 | 4.40 | 4.90 | 7.00 | 8.50 | 10.50 | 11.00 |
| a | max | | 0.40 | 0.45 | 0.45 | 0.50 | 0.70 | 0.70 | 0.70 | 0.90 | 1.80 | 2.40 | 2.40 | 2.40 |
| | min | | 0.20 | 0.25 | 0.25 | 0.30 | 0.50 | 0.50 | 0.50 | 0.70 | 1.50 | 2.00 | 2.00 | 2.00 |
| h | | | 0.20 | 0.25 | 0.30 | 0.35 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.00 | 1.20 |
| Minimum Double Shear,kN | | | 1.50 | 2.40 | 3.50 | 4.60 | 8.00 | 8.80 | 10.40 | 18.00 | 24.00 | 40.00 | 48.00 | 66.00 |

| Nominal Diameter d | | | Φ14 | Φ16 | Φ18 | Φ20 | Φ21 | Φ25 | Φ28 | Φ30 | Φ35 | Φ40 | Φ45 | Φ50 |
|-------------------------|-----------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| d | Before mounting | max | 14.8 | 16.8 | 18.9 | 20.9 | 21.9 | 25.9 | 28.9 | 30.9 | 35.9 | 40.9 | 45.9 | 50.9 |
| | | min | 14.5 | 16.5 | 18.5 | 20.5 | 21.5 | 25.5 | 28.5 | 30.5 | 35.5 | 40.5 | 45.5 | 50.5 |
| d _i | Before mounting | ≈ | 11.5 | 13.5 | 15.0 | 16.5 | 17.5 | 21.5 | 23.5 | 25.5 | 28.5 | 32.5 | 37.5 | 40.5 |
| a | max | | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 3.4 | 3.4 | 3.4 | 3.6 | 4.6 | 4.6 | 4.6 |
| | min | | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| h | | | 1.5 | 1.5 | 1.7 | 2.0 | 2.0 | 2.0 | 2.5 | 2.5 | 3.5 | 4.0 | 4.0 | 5.0 |
| Minimum Double Shear,kN | | | 84.0 | 98.0 | 126.0 | 158.0 | 168.0 | 202.0 | 280.0 | 302.0 | 490.0 | 634.0 | 720.0 | 1000.0 |