|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nominal  Dia mm | Diameter  Min | (D)  Max | Wall  Thickness ( T ) | Recommended  Hole Size  Min Max | | Minimum  Double shear KN KG | | Min | Chamfer  Length ( C | ) | Max |
| 1 | 1.2 | 1.3 | 0.2 | 1.00 | 1.10 | 7 | 71 | 0.15 | 0.35 | | |
| 1.5 | 1.7 | 1.8 | 0.3 | 1.50 | 1.60 | 16 | 161 | 0.25 | 0.45 | | |
| 2 | 2.3 | 2.4 | 0.4 | 2.00 | 2.10 | 29 | 288 | 0.35 | 0.55 | | |
| 2.5 | 2.8 | 2.9 | 0.5 | 2.50 | 2.60 | 46 | 447 | 0.40 | 0.60 | | |
| 3 | 3.3 | 3.5 | 0.6 | 3.00 | 3.10 | 66 | 644 | 0.50 | 0.70 | | |
| 3.5 | 3.8 | 4.0 | 0.7 | 3.50 | 3.62 | 94 | 924 | 0.50 | 0.80 | | |
| 4 | 4.4 | 4.6 | 0.8 | 4.00 | 4.12 | 117 | 1146 | 0.65 | 0.85 | | |
| 4.5 | 4.9 | 5.1 | 1.0 | 4.50 | 4.62 | 160 | 1567 | 0.80 | 1.00 | | |
| 5 | 5.4 | 5.6 | 1.0 | 5.00 | 5.12 | 182 | 1789 | 0.90 | 1.10 | | |
| 6 | 6.4 | 6.7 | 1.2 | 6.00 | 6.12 | 271 | 2655 | 1.20 | 1.40 | | |
| 8 | 8.5 | 8.8 | 1.5 | 8.00 | 8.15 | 445 | 4360 | 1.40 | 1.80 | | |
| 10 | 10.5 | 10.8 | 2.0 | 10.00 | 10.15 | 729 | 7154 | 2.00 | 2.40 | | |
| 12 | 12.5 | 12.8 | 2.5 | 12.00 | 12.17 | 1082 | 10615 | 2.00 | 2.40 | | |
| 13 | 13.5 | 13.8 | 2.5 | 13.00 | 13.17 | 1196 | 11732 | 2.00 | 2.40 | | |
| 14 | 14.5 | 14.8 | 3.0 | 14.00 | 14.17 | 1505 | 14755 | 2.00 | 2.40 | | |
| 16 | 16.5 | 16.8 | 3.0 | 16.00 | 16.17 | 1779 | 17447 | 2.00 | 2.40 | | |

**Part Numbers**

N o m i n a l D I a m e t e r mm

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pin  Length | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 6.0 | 8.0 | 10.0 | 12.0 | 13.0 | 14.0 | 16.0 |
| 4.0 | STP-4 | STP15-4 | STP2-4 | STP25-4 | STP3-4 |  |  |  |  |  |  |  |  |  |  |  |
| 5.0 | STP-5 | STP15-5 | STP2-5 | STP25-5 | STP3-5 |  |  |  |  |  |  |  |  |  |  |  |
| 6.0 | STP-6 | STP15-6 | STP2-6 | STP25-6 | STP3-6 | STP35-6 | STP4-6 |  |  |  |  |  |  |  |  |  |
| 8.0 | STP-8 | STP15-8 | STP2-8 | STP25-8 | STP3-8 | STP35-8 | STP4-8 | STP5-8 | STP5-8 |  |  |  |  |  |  |  |
| 10.0 | STP-10 | STP15-10 | STP2-10 | STP25-10 | STP3-10 | STP35-10 | STP4-10 | STP4.5-10 | STP5-10 | STP6-10 | STP8-10 |  |  |  |  |  |
| 12.0 | STP-12 | STP15-12 | STP2-12 | STP25-12 | STP3-12 | STP35-12 | STP4-12 | STP4.5-12 | STP5-12 | STP6-12 | STP8-12 |  |  |  |  |  |
| 14.0 | STP-14 | STP15-14 | STP2-14 | STP25-14 | STP3-14 | STP35-14 | STP4-14 | STP4.5-14 | STP5-14 | STP6-14 | STP8-14 |  |  |  |  |  |
| 16.0 | STP-16 | STP15-16 | STP2-16 | STP25-16 | STP3-16 | STP35-16 | STP4-16 | STP4.5-16 | STP5-16 | STP6-16 | STP8-16 | STP10-16 | STP12-16 |  |  |  |
| 18.0 | STP-18 | STP15-18 | STP2-18 | STP25-18 | STP3-18 | STP35-18 | STP4-18 | STP4.5-18 | STP5-18 | STP6-18 | STP8-18 | STP10-18 | STP12-18 |  |  |  |
| 20.0 | STP-20 | STP15-20 | STP2-20 | STP25-20 | STP3-20 | STP35-20 | STP4-20 | STP4.5-20 | STP5-20 | STP6-20 | STP8-20 | STP10-20 | STP12-20 |  |  |  |
| 22.0 |  |  | STP2-22 | STP25-22 | STP3-22 | STP35-22 | STP4-22 | STP4.5-22 | STP5-22 | STP6-22 | STP8-22 | STP10-22 | STP12-22 |  |  |  |
| 24.0 |  | STP15-24 | STP2-24 | STP25-24 | STP3-24 | STP35-24 | STP4-24 | STP4.5-24 | STP5-24 | STP6-24 | STP8-24 | STP10-24 | STP12-24 |  |  |  |
| 26.0 |  |  | STP2-26 | STP25-26 | STP3-26 | STP35-26 | STP4-26 | STP4.5-26 | STP5-26 | STP6-26 | STP8-26 | STP10-26 | STP12-26 |  |  |  |
| 28.0 |  |  | STP2-28 | STP25-28 | STP3-28 | STP35-28 | STP4-28 | STP4.5-28 | STP5-28 | STP6-28 | STP8-28 | STP10-28 | STP12-28 |  |  |  |
| 30.0 |  |  | STP2-30 | STP25-30 | STP3-30 | STP35-30 | STP4-30 | STP4.5-30 | STP5-30 | STP6-30 | STP8-30 | STP10-30 | STP12-30 | STP13-30 | STP14-30 | STP16-30 |
| 32.0 |  |  |  |  | STP3-32 | STP35-32 | STP4-32 | STP4.5-32 | STP5-32 | STP6-32 | STP8-32 | STP10-32 | STP12-32 |  |  |  |
| 35.0 |  |  |  |  | STP3-35 | STP35-35 | STP4-35 | STP4.5-35 | STP5-35 | STP6-35 | STP8-35 | STP10-35 | STP12-35 |  |  |  |
| 36.0 |  |  |  |  | STP3-36 | STP35-36 | STP4-36 | STP4.5-36 | STP5-36 | STP6-36 | STP8-36 | STP10-36 | STP12-36 |  |  |  |
| 40.0 |  |  | STP2-40 | STP25-40 | STP3-40 | STP35-40 | STP4-40 | STP4.5-40 | STP5-40 | STP6-40 | STP8-40 | STP10-40 | STP12-40 | STP13-40 | STP14-40 | STP16-40 |
| 45.0 |  |  |  |  |  |  | STP4-45 | STP4.5-45 | STP5-45 | STP6-45 | STP8-45 | STP10-45 | STP12-45 |  | STP14-45 | STP16-45 |
| 50.0 |  |  |  |  | STP3-50 | STP35-50 | STP4-50 | STP4.5-50 | STP5-50 | STP6-50 | STP8-50 | STP10-50 | STP12-50 | STP13-50 | STP14-50 | STP16-50 |
| 55.0 |  |  |  |  |  |  |  |  | STP5-55 | STP6-55 | STP8-55 | STP10-55 | STP12-55 |  | STP14-55 | STP16-55 |
| 60.0 |  |  |  |  |  |  | STP4-60 | STP4.5-60 | STP5-60 | STP6-60 | STP8-60 | STP10-60 | STP12-60 | STP13-60 | STP14-60 | STP16-60 |
| 65.0 |  |  |  |  |  |  |  |  | STP5-65 | STP6-65 | STP8-65 | STP10-65 | STP12-65 |  | STP14-65 | STP16-65 |
| 70.0 |  |  |  |  |  |  |  |  | STP5-70 | STP6-70 | STP8-70 | STP10-70 | STP12-70 | STP13-70 | STP14-70 | STP16-70 |
| 75.0 |  |  |  |  |  |  |  |  | STP5-75 | STP6-75 | STP8-75 | STP10-75 | STP12-75 |  | STP14-75 | STP16-75 |
| 80.0 |  |  |  |  |  |  |  |  | STP5-80 | STP6-80 | STP8-80 | STP10-80 | STP12-80 | STP13-80 | STP14-80 | STP16-80 |
| 85.0 |  |  |  |  |  |  |  |  |  | STP6-85 | STP8-85 | STP10-85 | STP12-85 |  | STP14-85 | STP16-85 |
| 90.0 |  |  |  |  |  |  |  |  |  | STP6-90 | STP8-90 | STP10-90 | STP12-90 | STP13-90 | STP14-90 | STP16-90 |
| 95.0 |  |  |  |  |  |  |  |  |  | STP6-95 | STP8-95 | STP10-95 | STP12-95 |  | STP14-95 | STP16-95 |
| 100.0 |  |  |  |  |  |  |  |  |  | STP6-100 | STP8-100 | STP10-100 | STP12-100 | STP13-100 | STP14-100 | STP16-100 |
| 120.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | STP14-120 | STP16-120 |
| 140.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | STP14-140 | STP16-140 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length Tolerance: | Up to 10mm | +/- | 0.25 |  | Up to 10mm | + | 0.5 |  |
|  | 12 to 50mm | +/- | 0.5 | ISO 8752 | 12 to 50mm | + | 1 | DIN 1481 |
|  | Over 50mm | +/- | 0.75 |  | Over 50mm | + | 1.5 |  |



( T )

( D )

( C )

( L )

Chamfer angle: 15~30 Degrees Hardness: 44~53 Rockwell C

Std Material: Carbon Spring Steel Standard Finish: Self / Plain Stainless parts as metric dimensions

**Spring Tension Pin ISO 8752 (DIN 1481)**

[Штифты цилиндрические](https://krepcom.ru/catalog/nerzhaveyushchiy_krepezh/shtift_tsilindricheskiy_pruzhinnyy_nerzhaveyushchiy_din1481_a2.htm)