



设备展示

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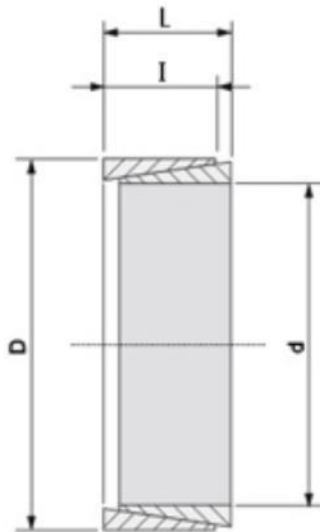
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品质,源于专业

Quality cumulates the credit standing and form the great success
Technique combined with wit and raises the future
Service is the bridge for the soul connection

Z1型胀紧联结套

Z1 Bloated tight set



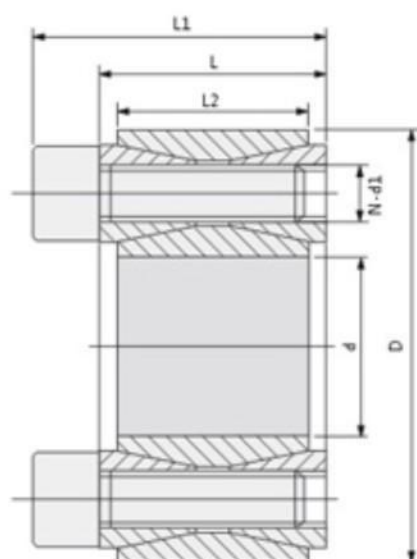
| 基本尺寸(mm) | | | | 当PF=100N/mm²时的额定负荷 | | 重量 Kg |
|----------|-----|------|------|--------------------|--------------|----------|
| d | D | L | I | 轴向力Ft KN | 转矩Mt KN.m | |
| 20 | 25 | 6.3 | 5.3 | 4.0 | 0.004 | 0.01 |
| 22 | 26 | | | 4.5 | 0.005 | 0.01 |
| 25 | 30 | | | 5.0 | 0.06 | 0.01 |
| 28 | 32 | | | 5.6 | 0.08 | 0.01 |
| 30 | 35 | | | 6.0 | 0.09 | 0.01 |
| 32 | 36 | | | 6.4 | 0.10 | 0.01 |
| 35 | 40 | 7.0 | 6.0 | 8.2 | 0.15 | 0.02 |
| 40 | 45 | 8.0 | 6.6 | 9.9 | 0.20 | 0.02 |
| 45 | 52 | 10.0 | 8.6 | 14.6 | 0.33 | 0.04 |
| 50 | 57 | | | 16.2 | 0.40 | 0.05 |
| 55 | 62 | | | 17.8 | 0.49 | 0.05 |
| 60 | 68 | 12.0 | 10.4 | 23.5 | 0.70 | 0.07 |
| 65 | 73 | | | 25.6 | 0.83 | 0.08 |
| 70 | 79 | 14.0 | 12.2 | 32.0 | 1.12 | 0.11 |
| 75 | 84 | | | 34.4 | 1.29 | 0.12 |
| 80 | 91 | 17.0 | 15.0 | 45.0 | 1.81 | 0.19 |
| 85 | 96 | | | 45.0 | 1.81 | 0.19 |
| 90 | 101 | | | 51.0 | 2.29 | 0.22 |
| 95 | 106 | | | 54.0 | 2.55 | 0.23 |
| 100 | 114 | 21.0 | 18.7 | 70.0 | 3.50 | 0.38 |
| 105 | 119 | | | 73.2 | 3.82 | 0.40 |
| 110 | 124 | | | 77.0 | 4.25 | 0.41 |
| 120 | 134 | | | 84.0 | 5.50 | 0.45 |
| 125 | 139 | | | 92.0 | 5.75 | 0.62 |
| 130 | 148 | 28.0 | 25.3 | 124.0 | 8.05 | 0.85 |
| 140 | 158 | | | 134.0 | 9.35 | 0.91 |

Z1型胀紧联结套

| 基本尺寸(mm) | | | | 当PF=100N/mm²时的额定负荷 | | 重量 Kg |
|----------|-----|------|------|--------------------|--------------|----------|
| d | D | L | I | 轴向力Ft KN | 转矩Mt KN.m | |
| 150 | 168 | 28.0 | 25.3 | 143.0 | 10.70 | 0.97 |
| 160 | 178 | | | 152.5 | 12.20 | 1.02 |
| 170 | 191 | | | 192.0 | 16.30 | 1.50 |
| 180 | 201 | 33.0 | 30.0 | 204.0 | 18.30 | 1.58 |
| 190 | 211 | | | 214.0 | 20.40 | 1.68 |
| 200 | 224 | | | 262.0 | 26.20 | 2.32 |
| 210 | 234 | 38.0 | 34.8 | 275.0 | 28.90 | 2.45 |
| 220 | 244 | | | 288.0 | 37.70 | 2.49 |
| 240 | 267 | 42.0 | 39.5 | 358.0 | 43.00 | 3.52 |
| 250 | 280 | 48.0 | 44.0 | 415.0 | 52.00 | 4.68 |
| 260 | 290 | | | 435.0 | 56.50 | 4.82 |
| 280 | 313 | | | 520.0 | 72.50 | 6.27 |
| 300 | 333 | 53.0 | 49.0 | 555.0 | 83.00 | 6.47 |
| 320 | 360 | 65.0 | 59.0 | 710.0 | 114.00 | 10.90 |
| 340 | 380 | | | 755.0 | 128.50 | 11.50 |
| 360 | 400 | | | 800.0 | 144.00 | 12.20 |
| 380 | 420 | 65.0 | 59.0 | 845.0 | 160.50 | 12.80 |
| 400 | 440 | | | 890.0 | 178.00 | 13.50 |
| 420 | 460 | | | 935.0 | 196.00 | 14.10 |
| 450 | 490 | | | 998.0 | 224.50 | 15.20 |
| 480 | 520 | | | 1070.0 | 256.00 | 16.00 |
| 500 | 540 | | | 1110.0 | 278.00 | 16.50 |

Z2型胀紧联结套

Z2 Bloated tight set



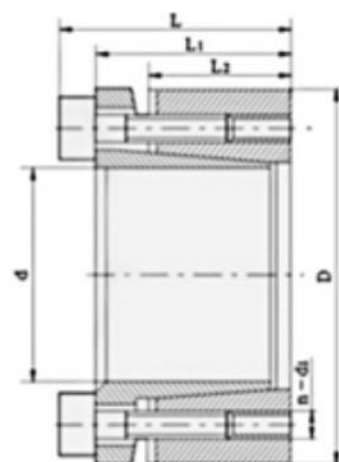
| 基本尺寸 | | | | | | 额定负荷 | | 胀套与轴结合面上的压力 Pf | 胀套与轮毂结合面上的压力 Pf | 螺钉的拧紧力矩 MA | 重量 | |
|------|-----|----|----|------|-----|------|-----------|-------------------|--------------------|---------------|--------|----------|
| d | D | 1 | L | L1 | d1 | n | 轴向力 F1 | | | | | 转矩 M1 |
| mm | | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | N.m |
| 20 | 47 | 17 | 20 | 27.5 | M6 | 8 | 27 | 0.27 | 210 | 90 | 14 | 0.24 |
| 22 | | | | | | | | 0.30 | 195 | 90 | | 0.23 |
| 25 | 50 | | | | | 9 | 30 | 0.38 | 190 | 95 | | 0.25 |
| 28 | 55 | | | | | 10 | 33 | 0.47 | 185 | 95 | | 0.30 |
| 30 | | | | | | | | 0.50 | 175 | 95 | | 0.29 |
| 35 | 60 | | | | | 12 | 40 | 0.70 | 180 | 105 | | 0.32 |
| 38 | 63 | | | | | | | 14 | 46 | 0.88 | | 185 |
| 40 | 65 | | | | | 0.92 | 180 | | | 110 | | 0.34 |
| 42 | 72 | 20 | 24 | 33.5 | M8 | 12 | 65 | 1.36 | 200 | 117 | 35 | 0.48 |
| 45 | 75 | | | | | | 72 | 1.62 | 210 | 125 | | 0.57 |
| 50 | 80 | | | | | | 71 | 1.77 | 190 | 115 | | 0.60 |
| 55 | 85 | | | | | 14 | 83 | 2.27 | 200 | 130 | | 0.63 |
| 60 | 90 | | | | | | | 2.47 | 180 | 120 | | 0.69 |
| 65 | 95 | | | | | | | 16 | 93 | 3.04 | | 190 |
| 70 | 110 | 24 | 28 | 39.0 | M10 | 14 | 132 | 4.60 | 210 | 130 | 70 | 1.26 |
| 75 | 115 | | | | | | 131 | 4.90 | 195 | 125 | | 1.33 |
| 80 | 120 | | | | | | | 5.20 | 180 | 120 | | 1.40 |
| 85 | 125 | | | | | 16 | 148 | 6.30 | 195 | 130 | | 1.49 |
| 90 | 130 | | | | | | 147 | 6.60 | 180 | 125 | | 1.53 |
| 95 | 135 | | | | | | 18 | 167 | 7.90 | 195 | | 135 |
| 100 | 145 | 29 | 33 | 47.0 | M12 | 14 | 192 | 9.60 | 135 | | 125 | 2.01 |

Z2型胀紧联结套

| 基本尺寸 | | | | | | 额定负荷 | | 胀套与轴结合面上的压力 | 胀套与轮毂结合面上的压力 | 螺钉的拧紧力矩 | 重量 | | | | | | |
|------|------|----|------|---------|-----|------|-----------|-------------|--------------|---------|--------|-------|-------|--------|-----|-----|------|
| d | D | 1 | L | L1 | d1 | n | 轴向力 F1 | 转矩 M1 | Pf | Pf | MA | 重 量 | | | | | |
| mm | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | N.m | kg | | | | | |
| 105 | 150 | 29 | 33 | 47.0 | M12 | 14 | 190 | 9.98 | 185 | 130 | 125 | 2.10 | | | | | |
| 110 | 155 | | | | | 191 | 10.50 | 180 | 125 | 2.15 | | | | | | | |
| 120 | 165 | | | | | 218 | 13.10 | 185 | 135 | 2.35 | | | | | | | |
| 125 | 170 | | | | | 220 | 13.78 | 180 | 130 | 2.95 | | | | | | | |
| 130 | 180 | 34 | 38 | 52.0 | | 20 | 272 | 17.60 | 165 | 120 | | 3.51 | | | | | |
| 140 | 190 | | | | | 22 | 298 | 20.90 | 165 | 125 | | 3.85 | | | | | |
| 150 | 200 | | | | | 24 | 324 | 24.20 | 170 | 125 | | 4.07 | | | | | |
| 160 | 210 | | | | | 26 | 350 | 28.00 | | 130 | | 4.30 | | | | | |
| 170 | 225 | | | | | 38 | 44 | 60 | M14 | 22 | | 386 | 32.80 | 160 | 120 | 190 | 5.78 |
| 180 | 235 | | | | | | | | | 24 | | 420 | 37.80 | 165 | 125 | | 6.05 |
| 190 | 250 | 28 | 490 | 46.50 | 150 | | | | | 115 | 8.25 | | | | | | |
| 200 | 260 | 30 | 525 | 52.50 | 150 | | | | | 115 | 8.65 | | | | | | |
| 210 | 275 | 50 | 56 | 74 | M16 | 24 | 599 | 62.89 | | 151 | 115 | 295 | 10.10 | | | | |
| 220 | 285 | | | | | 26 | 620 | 68.00 | | 150 | 115 | | 11.22 | | | | |
| 240 | 305 | | | | | 30 | 715 | 85.50 | | 160 | 125 | | 12.20 | | | | |
| 250 | 315 | | | | | 32 | 768 | 96.00 | | 162 | 125 | | 12.70 | | | | |
| 260 | 325 | | | | | 34 | 800 | 104.00 | | 165 | 130 | | 13.20 | | | | |
| 280 | 355 | | | | | 60 | 66 | 86.5 | | M18 | 32 | | 915 | 128.00 | 145 | 115 | 405 |
| 300 | 375 | 36 | 1020 | 153.00 | | | | | 150 | | 120 | 20.50 | | | | | |
| 320 | 405 | | 1310 | 210.00 | | | | | | | 120 | 29.60 | | | | | |
| 340 | 425 | | | 224.00 | | | | | 145 | | 115 | 31.10 | | | | | |
| 360 | 455 | | 1630 | 294.00 | | 115 | 780 | 42.20 | | | | | | | | | |
| 380 | 475 | | 1620 | 308.00 | 135 | 110 | | 44.00 | | | | | | | | | |
| 400 | 495 | | 1610 | 322.00 | 130 | 105 | | 46.00 | | | | | | | | | |
| 420 | 515 | 40 | 1780 | 374.00 | 135 | 110 | | 50.00 | | | | | | | | | |
| 450 | 555 | 96 | 102 | 130.0 | M24 | 40 | 2050 | 461.25 | 124 | | 100 | 1000 | 65.00 | | | | |
| 480 | 585 | | | | | 42 | 2160 | 518.40 | | | 100 | | 71.00 | | | | |
| 500 | 605 | | | | | 44 | 2240 | 560.00 | 123 | 100 | 72.60 | | | | | | |
| 530 | 640 | | | | | 45 | 2330 | 617.00 | 121 | 100 | 83.60 | | | | | | |
| 560 | 670 | | | | | 48 | 2440 | 680.00 | 120 | 100 | 85.00 | | | | | | |
| 600 | 710 | | | | | 50 | 2580 | 775.00 | 118 | 100 | 91.00 | | | | | | |
| 630 | 740 | | | | | 52 | 2680 | 844.00 | 117 | 105 | 94.00 | | | | | | |
| 670 | 780 | | | | | 56 | 2820 | 944.00 | 116 | 100 | 101.00 | | | | | | |
| 710 | 820 | | | | | 60 | 2970 | 1054.00 | 115 | 100 | 106.00 | | | | | | |
| 750 | 860 | | | | | 62 | 3130 | 1173.00 | 115 | 100 | 112.00 | | | | | | |
| 800 | 910 | | | | | 66 | 3260 | 1300.00 | 112 | 100 | 118.00 | | | | | | |
| 850 | 960 | | | | | 70 | 3500 | 1487.00 | 113 | 100 | 125.00 | | | | | | |
| 900 | 1010 | 75 | 3680 | 1650.00 | 112 | 100 | 132.00 | | | | | | | | | | |
| 950 | 1060 | 80 | 3870 | 1838.00 | | 100 | 139.00 | | | | | | | | | | |
| 1000 | 1110 | 82 | 4000 | 2000.00 | | 110 | 100 | 146.00 | | | | | | | | | |

Z3型胀紧联结套

Z3 Bloated tight set

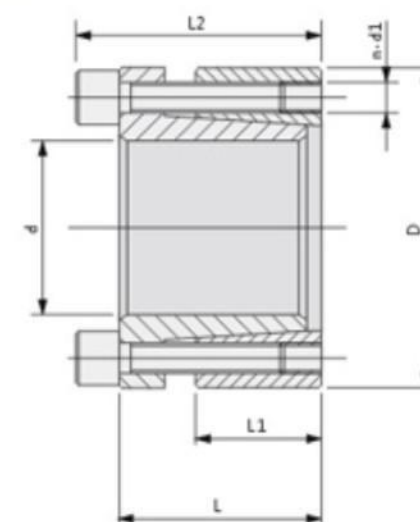


| 基本尺寸 | | | | | | 额定负荷 | | 胀套与轴结合 | 胀套与轮毂结 | 螺钉的拧 | 重 量 | | | |
|------|-----|------|-----|-------|-------|------|-----------|----------|-------------|--------------|------|-----------|------|-----|
| d | D | L | L1 | L2 | d1 | n | 轴向力 F1 | 转矩 M1 | 面上的压力 Pf | 合面上的压力 Pf | | 紧力矩 MA | | |
| mm | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | | N.m | kg | |
| 20 | 47 | 37 | 31 | 21.7 | M6 | 4 | 30 | 0.30 | 287 | 90 | 17 | 0.29 | | |
| 22 | 47 | | | | | | | 0.33 | 260 | 90 | | 0.27 | | |
| 25 | 50 | | | | | 5 | 35 | 0.44 | 287 | 106 | | 0.30 | | |
| 28 | 55 | | | | | | | 0.49 | 256 | 96 | | 0.36 | | |
| 30 | 55 | | | | | | | 0.53 | 239 | 96 | | 0.34 | | |
| 35 | 60 | | | | | | | 45 | 0.81 | 246 | | 106 | 0.38 | |
| 40 | 65 | | | | | 0.94 | 215 | | 98 | 0.41 | | | | |
| 45 | 75 | 46 | 38 | 25.3 | M8 | 6 | 80 | 1.86 | 283 | 134 | 41 | 0.70 | | |
| 50 | 80 | | | | | | | 2.07 | 255 | 126 | | 0.76 | | |
| 55 | 85 | | | | | 7 | 90 | 2.54 | 270 | 138 | | 0.82 | | |
| 60 | 90 | | | | | | | 2.77 | 247 | 130 | | 0.88 | | |
| 65 | 95 | | | | | 8 | 105 | 3.58 | 261 | 141 | | 0.94 | | |
| 70 | 110 | | | | | 60 | 50 | 33.4 | M10 | 7 | | 140 | 5.10 | 244 |
| 75 | 115 | 5.46 | 228 | 119 | 2.20 | | | | | | | | | |
| 80 | 120 | 5.85 | 214 | 112 | 2.30 | | | | | | | | | |
| 85 | 125 | 8 | 175 | 7.45 | 230 | | | | | 129 | 2.40 | | | |
| 90 | 130 | | | 7.90 | 217 | | | | | 124 | 2.60 | | | |
| 95 | 135 | 10 | 205 | 9.90 | 257 | | | | | 149 | 2.70 | | | |
| 100 | 145 | | | 10 | 220 | | | | | 11.00 | 192 | 114 | 3.70 | |
| 105 | 150 | | | | | | | | | 11.55 | 210 | 114 | 3.90 | |
| 110 | 155 | | | | | | | | | 12.10 | 175 | 107 | 4.00 | |
| 120 | 165 | 12 | 260 | 15.70 | 192 | | | | | 120 | 4.30 | | | |
| 125 | 170 | M12 | 10 | 320 | 17.50 | 189 | 120 | 145 | 4.80 | | | | | |
| 130 | 180 | | | | 20.70 | 188 | 120 | | 5.90 | | | | | |
| 140 | 190 | | | | 22.50 | 175 | 114 | | 6.30 | | | | | |
| 150 | 200 | | | | 28.50 | 196 | 130 | | 6.70 | | | | | |

注：Z3型胀紧联结套螺钉的机械性能等级为12.9级。

Z3短型胀紧联结套

Z3 Bloated tight set

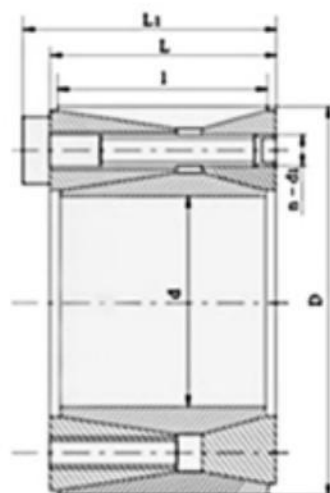


| 基本尺寸 | | | | | | 额定负荷 | | 胀套与轴结合 | 胀套与轮毂结合 | 螺钉的拧紧力矩 | 重量 | | | | | | |
|------|-----|-------|-----|-------|------|-------|-----------|----------|-------------|-------------|------|------------|-------|------|-----|----|------|
| d | D | L | L1 | L2 | d1 | n | 轴向力 F1 | 转矩 M1 | 面上的压力 Pf | 面上的压力 Pf | | 拧紧力矩 MA | | | | | |
| mm | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | | N.m | kg | | | | |
| 20 | 47 | 34 | 28 | 17 | M6 | 4 | 30 | 0.30 | 287 | 90 | 17 | 0.29 | | | | | |
| 22 | 47 | | | | | | | 0.33 | 260 | 90 | | 0.27 | | | | | |
| 24 | 50 | | | | | 5 | 35 | 0.44 | 287 | 106 | | 0.30 | | | | | |
| 25 | 50 | | | | | | | 0.49 | 256 | 96 | | 0.36 | | | | | |
| 28 | 55 | | | | | | | 0.53 | 239 | 96 | | 0.34 | | | | | |
| 30 | 55 | | | | | | | 0.81 | 246 | 106 | | 0.38 | | | | | |
| 32 | 60 | | | | | 45 | | 0.94 | 215 | 98 | | 0.41 | | | | | |
| 35 | 60 | | | | | | | 1.86 | 283 | 134 | | 0.70 | | | | | |
| 38 | 65 | | | | | 6 | 80 | 2.07 | 255 | 126 | | 0.76 | | | | | |
| 40 | 65 | | | | | | | 2.54 | 270 | 138 | | 0.82 | | | | | |
| 42 | 75 | 41 | 33 | 20 | M8 | 7 | 90 | 2.77 | 247 | 130 | 41 | 0.88 | | | | | |
| 45 | 75 | | | | | | | 8 | 105 | 3.58 | | 261 | 141 | 0.94 | | | |
| 48 | 80 | | | | | 7 | 140 | 5.10 | 244 | 128 | | 2.10 | | | | | |
| 50 | 80 | | | | | | | 5.46 | 228 | 119 | | 2.20 | | | | | |
| 55 | 85 | | | | | | | 5.85 | 214 | 112 | | 2.30 | | | | | |
| 60 | 90 | | | | | | | 7.45 | 230 | 129 | | 2.40 | | | | | |
| 65 | 95 | | | | | 8 | 175 | 7.90 | 217 | 124 | | 2.60 | | | | | |
| 70 | 110 | | | | | | | 9.90 | 257 | 149 | | 2.70 | | | | | |
| 75 | 115 | | | | | 50 | 40 | 24 | M10 | 10 | | 220 | 11.00 | 192 | 114 | 83 | 3.70 |
| 80 | 120 | | | | | | | | | | | | 11.55 | 210 | 114 | | 3.90 |
| 85 | 125 | 12.10 | 175 | 107 | 4.00 | | | | | | | | | | | | |
| 90 | 130 | 15.70 | 192 | 120 | 4.30 | | | | | | | | | | | | |
| 95 | 135 | 12 | 260 | 17.50 | 189 | | | | | 120 | 4.80 | | | | | | |
| 100 | 145 | 10 | 320 | 20.70 | 188 | | | | | 120 | 145 | 5.90 | | | | | |
| 110 | 155 | | | 22.50 | 175 | 114 | 6.30 | | | | | | | | | | |
| 120 | 165 | | | 12 | 380 | 28.50 | 196 | 130 | 6.70 | | | | | | | | |

注：Z3型胀紧联结套螺钉的机械性能等级为12.9级。

Z4型胀紧联结套

Z4 Bloated tight set

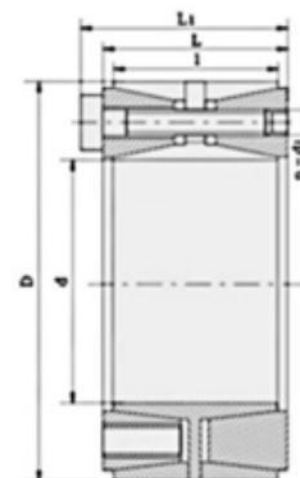


| 基本尺寸 | | | | | | 额定负荷 | | 胀套与轴结合面上的压力 Pf | 胀套与轮毂结合面上的压力 Pf | 螺钉的拧紧力矩 MA | 重量 | |
|------|-----|-----|-------|-----|-----|-------|-----------|-------------------|--------------------|---------------|--------|----------|
| d | D | l | L | L1 | d1 | n | 轴向力 F1 | | | | | 转矩 M1 |
| mm | | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | N.m |
| 70 | 120 | 56 | 62 | 74 | M12 | 8 | 197 | 6.85 | 201 | 117 | 145 | 3.3 |
| 80 | 130 | | | | | 12 | 291 | 11.65 | 263 | 162 | | 3.7 |
| 90 | 140 | | | | | | 290 | 13.00 | 234 | 150 | | 4.0 |
| 100 | 160 | 74 | 80 | 94 | M14 | 15 | 389 | 19.70 | 213 | 133 | 230 | 7.2 |
| 110 | 170 | | | | | | 483 | 22.60 | 242 | 157 | | 7.7 |
| 120 | 180 | | | | | | 482 | 28.90 | 222 | 148 | | 8.3 |
| 125 | 185 | | | | | | 480 | 30.00 | 212 | 143 | | 8.5 |
| 130 | 190 | | | | | 31.20 | | 205 | 140 | 8.8 | | |
| 140 | 200 | | | | | 18 | 574 | 40.20 | 227 | 159 | | 9.3 |
| 150 | 210 | | | | | | 572 | 42.90 | 212 | 152 | | 10.0 |
| 160 | 230 | | | | | | 800 | 64.00 | 227 | 158 | | 14.9 |
| 170 | 240 | 795 | 67.80 | 214 | 152 | | 15.7 | | | | | |
| 180 | 250 | 88 | 94 | 110 | M16 | 21 | 923 | 83.00 | 235 | 170 | 355 | 16.4 |
| 190 | 260 | | | | | | 921 | 88.00 | 223 | 163 | | 17.2 |
| 200 | 270 | | | | | 24 | 1050 | 105.00 | 242 | 179 | | 18.8 |
| 210 | 290 | | | | | 20 | 1118 | 117.30 | 197 | 143 | | 23.0 |
| 220 | 300 | 110 | 116 | 134 | M18 | 21 | 1120 | 123.00 | 189 | 138 | 485 | 27.7 |
| 240 | 320 | | | | | 24 | 1280 | 153.00 | 198 | 148 | | 29.8 |
| 250 | 330 | | | | | 27 | 1282 | 160.20 | 205 | 157 | | 31.0 |
| 260 | 340 | | | | | | 1430 | 186.00 | | 157 | | 32.0 |
| 280 | 370 | 130 | 136 | 156 | M20 | 24 | 1650 | 230.00 | 192 | 145 | 690 | 46.0 |
| 300 | 390 | | | | | | 245.00 | 179 | 138 | 49.0 | | |

注：Z4型胀紧联结套螺钉的机械性能等级为12.9级

Z5型胀紧联结套

Z5 Bloated tight set

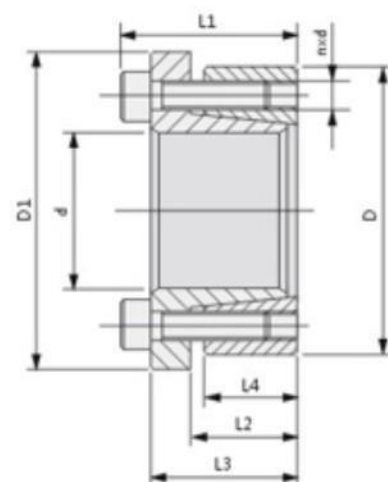


| 基本尺寸 | | | | | | 额定负荷 | | | 胀套与轴结合面上的压力 Pf | 胀套与轮毂结合面上的压力 Pf | 螺钉的拧紧力矩 MA | 重量 |
|------|-----|-----|------|-------|-----|------|-----------|----------|-------------------|--------------------|---------------|-------|
| d | D | l | L | L1 | d1 | n | 轴向力 F1 | 转矩 M1 | | | | |
| mm | | | | | | | KN | KN.m | | | | |
| 100 | 145 | 60 | 65 | 77 | M12 | 10 | 288 | 14.4 | 192 | 132 | 145 | 4.1 |
| 110 | 155 | | | | | | 15.8 | 175 | 123 | 4.4 | | |
| 120 | 165 | | | | | 12 | 346 | 20.8 | 192 | 139 | | 4.8 |
| 130 | 180 | 68 | 74 | 86 | M12 | 15 | 433 | 28.1 | 193 | 139 | 145 | 6.5 |
| 140 | 190 | | | | | 18 | 519 | 36.3 | 214 | 157 | | 7.0 |
| 150 | 200 | | | | | | 39.0 | 200 | 150 | 7.4 | | |
| 160 | 210 | | | | | 21 | 606 | 48.5 | 219 | 167 | | 7.8 |
| 170 | 225 | 75 | 81 | 95 | M14 | 18 | 712 | 60.6 | 215 | 162 | 230 | 10.0 |
| 180 | 235 | | | | | | 64.1 | 203 | 155 | 10.6 | | |
| 190 | 250 | 88 | 94 | 108 | | 20 | 792 | 75.2 | 178 | 135 | | 14.3 |
| 200 | 260 | | | | | 24 | 950 | 95.0 | 203 | 156 | | 15.0 |
| 210 | 275 | 98 | 104 | 120 | M16 | 18 | 970 | 102.0 | 187 | 142 | 355 | 17.5 |
| 220 | 285 | | | | | | 990 | 109.0 | 183 | 141 | | 19.8 |
| 240 | 305 | | | | | 24 | 1318 | 158.0 | 222 | 176 | | 21.4 |
| 250 | 315 | | | | | | 1340 | 167.5 | | 170 | | 22.0 |
| 260 | 325 | | | | 25 | 1370 | 178.0 | 215 | 172 | 23.0 | | |
| 280 | 355 | | | | 120 | 126 | 144 | M18 | 24 | 1590 | | 222.5 |
| 300 | 375 | | 1650 | 248.0 | | | | | 183 | 146 | 37.4 | |
| 320 | 405 | 135 | 142 | 162 | M20 | 25 | 2140 | 344.0 | 192 | 152 | 690 | 51.3 |
| 340 | 425 | | | | | | | | 365.0 | 181 | | 144 |
| 360 | 455 | 158 | 165 | 187 | M22 | | 2670 | 480.0 | 176 | 139 | 930 | 75.4 |
| 380 | 475 | | | | | | | | 508.0 | 166 | | 133 |
| 400 | 495 | | | | | | | 535.0 | 158 | 128 | | 82.8 |
| 420 | 515 | | | | | 30 | 3200 | 673.0 | 181 | 147 | | 86.5 |
| 450 | 555 | 172 | 180 | 204 | M24 | 32 | 3950 | 832.5 | 175 | 142 | 1200 | 112.0 |
| 480 | 585 | | | | | | | | | 948.0 | | |
| 500 | 605 | | | | | | 988.0 | 168 | 139 | 123.0 | | |
| 530 | 640 | 190 | 200 | 227 | M27 | 30 | 4320 | 1145.0 | 157 | 130 | 1600 | 151.0 |
| 560 | 670 | | | | | | 1210.0 | 148 | 124 | 160.0 | | |
| 600 | 710 | | | | | 32 | 4610 | 1380.0 | 147 | 124 | | 170.0 |

注：Z5型胀紧联结套螺钉的机械性能等级为12.9级

Z6型胀紧联结套

Z6 Bloated tight set

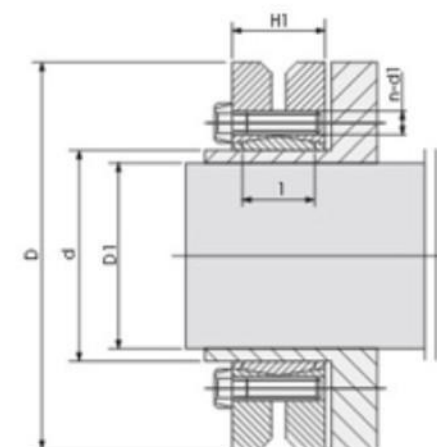


| 基本尺寸 | | | | | | | 额定负荷 | | 内六角螺钉 | | | 胀套与轴结合面上的压力 Pf | 胀套与轮毂结合面上的压力 Pf | 重量 |
|------|----|----|----|----|----|----|-----------|----------|-------|---|-----|-------------------|--------------------|------|
| d | D | L4 | L3 | L2 | D1 | L1 | 轴向力 F1 | 转矩 M1 | d1 | n | MA | | | |
| mm | | | | | | | KN | KN.m | | | N.m | N/mm ² | N/mm ² | kg |
| 14 | 55 | 17 | 30 | 22 | 62 | 38 | 18 | 127 | M8 | 3 | 25 | 208 | 52.5 | 0.48 |
| 16 | 55 | 17 | 30 | 22 | 62 | 38 | 18 | 142 | M8 | 3 | 25 | 181 | 52.5 | 0.47 |
| 18 | 55 | 17 | 30 | 22 | 62 | 38 | 18 | 157 | M8 | 3 | 25 | 161 | 52.5 | 0.46 |
| 19 | 55 | 17 | 30 | 22 | 62 | 38 | 18 | 165 | M8 | 3 | 25 | 152 | 52.5 | 0.46 |
| 20 | 55 | 17 | 30 | 22 | 62 | 38 | 18 | 172 | M8 | 3 | 25 | 145 | 52.5 | 0.45 |
| 22 | 55 | 17 | 30 | 22 | 62 | 38 | 25.5 | 285 | M8 | 3 | 35 | 186 | 75 | 0.44 |
| 24 | 55 | 17 | 30 | 22 | 62 | 38 | 25.5 | 307 | M8 | 3 | 35 | 170 | 75 | 0.42 |
| 25 | 55 | 17 | 30 | 22 | 62 | 38 | 25.5 | 315 | M8 | 3 | 35 | 163 | 75 | 0.41 |
| 28 | 55 | 17 | 30 | 22 | 62 | 38 | 31.5 | 435 | M8 | 3 | 41 | 175 | 89 | 0.39 |
| 30 | 55 | 17 | 30 | 22 | 62 | 38 | 31.5 | 472 | M8 | 3 | 41 | 163 | 89 | 0.37 |
| 24 | 65 | 17 | 30 | 22 | 72 | 38 | 37.4 | 440 | M8 | 5 | 30 | 244 | 90 | 0.62 |
| 25 | 65 | 17 | 30 | 22 | 72 | 38 | 37.4 | 460 | M8 | 5 | 30 | 234 | 90 | 0.61 |
| 28 | 65 | 17 | 30 | 22 | 72 | 38 | 43.6 | 600 | M8 | 5 | 35 | 243 | 105 | 0.58 |
| 30 | 65 | 17 | 30 | 22 | 72 | 38 | 43.6 | 640 | M8 | 5 | 35 | 227 | 105 | 0.56 |
| 32 | 65 | 17 | 30 | 22 | 72 | 38 | 43.6 | 690 | M8 | 5 | 35 | 213 | 105 | 0.55 |
| 35 | 65 | 17 | 30 | 22 | 72 | 38 | 52.5 | 910 | M8 | 5 | 41 | 234 | 126 | 0.51 |
| 38 | 65 | 17 | 30 | 22 | 72 | 38 | 52.5 | 990 | M8 | 5 | 41 | 216 | 126 | 0.48 |
| 40 | 65 | 17 | 30 | 22 | 72 | 38 | 52.5 | 1050 | M8 | 5 | 41 | 205 | 125 | 0.46 |
| 30 | 80 | 20 | 33 | 25 | 87 | 41 | 52.4 | 780 | M8 | 7 | 30 | 232 | 87 | 1.01 |
| 32 | 80 | 20 | 33 | 25 | 87 | 41 | 52.4 | 830 | M8 | 7 | 30 | 217.5 | 87 | 0.99 |
| 35 | 80 | 20 | 33 | 25 | 87 | 41 | 61 | 1060 | M8 | 7 | 35 | 232 | 102 | 0.96 |
| 38 | 80 | 20 | 33 | 25 | 87 | 41 | 61 | 1150 | M8 | 7 | 35 | 214 | 102 | 0.92 |
| 40 | 80 | 20 | 33 | 25 | 87 | 41 | 61 | 1220 | M8 | 7 | 35 | 203 | 102 | 0.89 |
| 42 | 80 | 20 | 33 | 25 | 87 | 41 | 73.5 | 1540 | M8 | 7 | 41 | 233 | 122 | 0.86 |
| 45 | 80 | 20 | 33 | 25 | 87 | 41 | 73.5 | 1650 | M8 | 7 | 41 | 217 | 122 | 0.82 |
| 48 | 80 | 20 | 33 | 25 | 87 | 41 | 73.5 | 1760 | M8 | 7 | 41 | 203 | 122 | 0.76 |
| 50 | 80 | 20 | 33 | 25 | 87 | 41 | 73.5 | 1830 | M8 | 7 | 41 | 195 | 122 | 0.73 |

注：Z6型胀紧联结套螺钉的机械性能等级为12.9级

Z7A型胀紧联结套

Z7A Bloated tight set



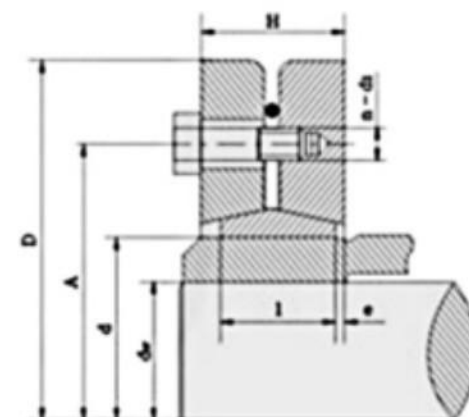
| 基本尺寸 | | | | | | 内六角螺钉 | | 额定负荷 | | 螺钉的 拧紧力矩 MA (N.m) | 重量 (kg) |
|------|-----|-----|----|----|---|--------|----|-------------------|--------------------|----------------------------|------------|
| d | D | dn | L | H | e | d1 | n | 轴向力 F1 (KN) | 转矩 M1 (KN.m) | | |
| mm | | | | | | | | | | | |
| 125 | 185 | 95 | 39 | 52 | 6 | M10×40 | 8 | 242 | 11.5 | 58 | 6 |
| | | 100 | | | | | | 260 | 13 | | |
| | | 105 | | | | | | 276 | 14.5 | | |
| 140 | 220 | 110 | | | | | 10 | 391 | 16 | | 8 |
| | | 120 | | | | | | 330 | 20 | | |
| | | 125 | | | | | | 352 | 22 | | |
| 155 | 245 | 130 | | | | | 12 | 385 | 25 | | 10 |
| | | 135 | | | | | | 427 | 28.8 | | |
| | | 140 | | | | | | 464 | 32.5 | | |
| 165 | 260 | 135 | 46 | 62 | 8 | M12×50 | 10 | 474 | 32 | 100 | 14 |
| | | 140 | | | | | | 507 | 32.5 | | |
| | | 145 | | | | | | 538 | 39 | | |
| 175 | 275 | 145 | | | | | | 538 | 39 | | 16 |
| | | 150 | | | | | | 573 | 43 | | |
| | | 155 | | | | | | 606 | 47 | | |
| 185 | 295 | 155 | | | | | 12 | 632 | 49 | | 20 |
| | | 160 | | | | | | 662 | 53 | | |
| | | 165 | | | | | | 691 | 57 | | |
| 195 | 315 | 165 | 56 | 72 | 8 | M12×55 | 15 | 800 | 66 | 100 | 27 |
| | | 170 | | | | | | 835 | 71 | | |
| | | 175 | | | | | | 869 | 76 | | |

Z7A型胀紧联结套

| 基本尺寸 | | | | | | 内六角螺钉 | | 额定负荷 | | 螺钉的 拧紧力矩 MA (N.m) | 重量 (kg) |
|------|-----|-----|-----|-----|----|---------|----|-------------------|--------------------|-------------------------|------------|
| d | D | dn | L | H | e | d1 | n | 轴向力 F1 (KN) | 转矩 M1 (Kn.m) | | |
| mm | | | | | | | | | | | |
| 220 | 345 | 180 | 66 | 84 | 9 | M16×65 | 9 | 978 | 88 | 240 | 35 |
| | | 190 | | | | | | 1063 | 101 | | |
| | | 200 | | | | | | 1140 | 114 | | |
| 240 | 370 | 200 | 72 | 92 | 9 | M16×70 | 12 | 1200 | 120 | | 44 |
| | | 210 | | | | | | 1276 | 134 | | |
| | | 215 | | | | | | 1312 | 141 | | |
| 260 | 395 | 220 | 84 | 104 | 10 | M16×75 | 15 | 1309 | 144 | | 48 |
| | | 230 | | | | | | 1384 | 159 | | |
| | | 235 | | | | | | 1421 | 167 | | |
| 280 | 425 | 230 | 106 | 110 | 11 | M16×80 | 18 | 1478 | 170 | | 60 |
| | | 240 | | | | | | 1583 | 190 | | |
| | | 250 | | | | | | 1680 | 210 | | |
| 300 | 460 | 250 | 100 | 122 | 12 | M20×90 | 15 | 1704 | 213 | 470 | 75 |
| | | 260 | | | | | | 1800 | 234 | | |
| | | 270 | | | | | | 1889 | 255 | | |
| 320 | 495 | 270 | 112 | 136 | 13 | M20×100 | 18 | 1955 | 264 | | 84 |
| | | 280 | | | | | | 2036 | 285 | | |
| | | 290 | | | | | | 2076 | 301 | | |
| 340 | 535 | 290 | 120 | 144 | 14 | M20×110 | 20 | 2193 | 318 | | 100 |
| | | 300 | | | | | | 2300 | 345 | | |
| | | 305 | | | | | | 2354 | 359 | | |
| 360 | 555 | 300 | 132 | 158 | 15 | M20×120 | 24 | 2547 | 382 | | 125 |
| | | 310 | | | | | | 2645 | 410 | | |
| | | 320 | | | | | | 2738 | 438 | | |
| 390 | 595 | 330 | 152 | 178 | 16 | M20×130 | 20 | 3091 | 510 | 470 | 156 |
| | | 340 | | | | | | 3194 | 543 | | |
| | | 350 | | | | | | 3291 | 576 | | |
| 420 | 630 | 350 | 162 | 188 | 17 | M20×140 | 24 | 3371 | 590 | | 185 |
| | | 360 | | | | | | 3500 | 630 | | |
| | | 370 | | | | | | 3620 | 670 | | |
| 460 | 685 | 390 | 172 | 208 | 18 | M20×150 | 30 | 3949 | 770 | | 235 |
| | | 400 | | | | | | 4300 | 860 | | |
| | | 410 | | | | | | 4634 | 950 | | |
| 500 | 750 | 420 | 182 | 228 | 19 | M20×160 | 30 | 4881 | 1025 | | 320 |
| | | 430 | | | | | | 5233 | 1125 | | |
| | | 440 | | | | | | 5568 | 1225 | | |

Z7B型胀紧联结套

Z7B Bloated tight set



| 基本尺寸 | | | | | | 内六角螺钉 | | 额定负荷 | | 螺钉的 拧紧力矩 MA (N.m) | 重量 (kg) |
|------|-----|-----|----|----|---|--------|----|-------------------|--------------------|-------------------------|------------|
| d | D | dn | l | H | e | d1 | n | 轴向力 F1 (KN) | 转矩 M1 (Kn.m) | | |
| mm | | | | | | | | | | | |
| 140 | 230 | 95 | 46 | 58 | 7 | M12×45 | 10 | 317 | 15.1 | 100 | 10 |
| | | 100 | | | | | | 352 | 17.6 | | |
| | | 105 | | | | | | 382 | 20.1 | | |
| 155 | 263 | 105 | 50 | 62 | 7 | M12×50 | 12 | 419 | 22 | 15 | |
| | | 110 | | | | | | 454 | 25 | | |
| | | 115 | | | | | | 487 | 28 | | |
| 165 | 290 | 115 | 56 | 68 | 7 | M16×55 | 8 | 539 | 31 | 240 | 22 |
| | | 120 | | | | | | 583 | 35 | | |
| | | 125 | | | | | | 624 | 39 | | |
| 175 | 300 | 125 | 60 | 72 | 7 | M16×60 | 8 | 640 | 40 | | |
| | | 130 | | | | | | 677 | 44 | | |
| | | 135 | | | | | | 711 | 48 | | |
| 185 | 330 | 135 | 66 | 78 | 7 | M16×65 | 10 | 815 | 55 | | 37 |
| | | 140 | | | | | | 857 | 60 | | |
| | | 145 | | | | | | 896 | 65 | | |
| 195 | 350 | 140 | 70 | 82 | 7 | M16×70 | 12 | 928 | 65 | 41 | |
| | | 150 | | | | | | 1013 | 76 | | |
| | | 155 | | | | | | 1052 | 81.5 | | |
| 200 | 350 | 150 | 71 | 85 | 8 | M16×75 | 12 | 1040 | 78 | | |
| | | 155 | | | | | | 1084 | 84 | | |
| | | 160 | | | | | | 1125 | 90 | | |

Z7B型胀紧联结套

| 基本尺寸 | | | | | | 内六角螺钉 | | 额定负荷 | | 螺钉的 拧紧力矩 MA(N.m) | 重量 (kg) |
|------|-----|-----|-----|-----|---------|---------|------|-------------------|---------------------|------------------------|------------|
| d | D | dn | l | H | e | d1 | n | 轴向力 F1 (KN) | 转 矩 M1 (Kn.m) | | |
| mm | | | | | | | | | | | |
| 220 | 370 | 160 | 88 | 103 | 10 | M16×75 | 15 | 1250 | 100 | 470 | 54 |
| | | 165 | | | | | | 1309 | 108 | | |
| | | 170 | | | | | | 1365 | 116 | | |
| 240 | 405 | 170 | 92 | 107 | | M20×80 | 12 | 1412 | 120 | | 67 |
| | | 180 | | | | | | 1533 | 138 | | |
| | | 190 | | | | | | 1642 | 156 | | |
| 260 | 430 | 190 | 103 | 119 | | M20×85 | | 1726 | 164 | | 82 |
| | | 200 | | | | | | 1840 | 184 | | |
| | | 210 | | | | | | 1943 | 204 | | |
| 280 | 460 | 210 | 114 | 132 | 12 | M20×95 | 15 | 2062 | 217 | | 102 |
| | | 220 | | | | | | 2227 | 245 | | |
| | | 230 | | | | | | 2374 | 273 | | |
| 300 | 485 | 230 | 122 | 140 | | M20×100 | 16 | 2278 | 262 | | 118 |
| | | 240 | | | | | | 2442 | 293 | | |
| | | 245 | | | | | | 2514 | 308 | | |
| 320 | 520 | 240 | | | | | 18 | 2550 | 306 | | 131 |
| | | 250 | | | | | | 2720 | 340 | | |
| | | 260 | | | | | | 2877 | 374 | | |
| 340 | 570 | 250 | 134 | 155 | M20×110 | 24 | 3152 | 394 | 186 | | |
| | | 260 | | | | | 3308 | 430 | | | |
| | | 270 | | | | | 3452 | 466 | | | |
| 350 | 590 | 270 | 140 | 159 | | | 3393 | 458 | 204 | | |
| | | 280 | | | | | 3572 | 500 | | | |
| | | 285 | | | | | 3656 | 521 | | | |
| 360 | 590 | 280 | | | | | 3622 | 507 | | | |
| | | 290 | | | | | 3793 | 550 | | | |
| | | 295 | | | | | 3878 | 572 | | | |
| 380 | 645 | 290 | 144 | 163 | M24×120 | 18 | 4069 | 590 | 820 | 820 | |
| | | 300 | | | | | 4267 | 640 | | | |
| | | 310 | | | | | 4452 | 690 | | | |
| 390 | 660 | 300 | | | | 20 | 4400 | 660 | | | |
| | | 310 | | | | | 4580 | 710 | | | |
| | | 320 | | | | | 4750 | 760 | | | |

Z7B型胀紧联结套

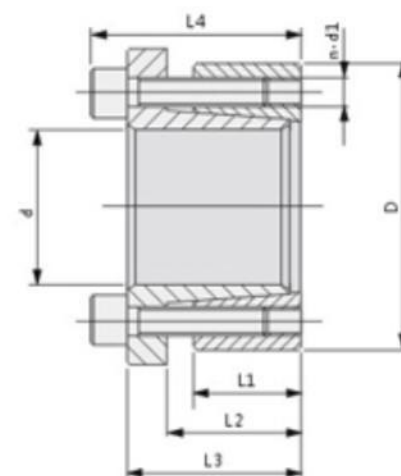
| 基本尺寸 | | | | | | 内六角螺钉 | | 额定负荷 | | 螺钉的 拧紧力矩 MA(N.m) | 重量 (kg) | |
|------|------|-----|-----|-----|---------|---------|---------|-------------------|---------------------|------------------------|------------|-----|
| d | D | dn | l | H | e | d1 | n | 轴向力 F1 (KN) | 转 矩 M1 (Kn.m) | | | |
| mm | | | | | | | | | | | | |
| 420 | 690 | 330 | 164 | 184 | 12 | M24×130 | 20 | 4727 | 780 | 820 | 316 | |
| | | 340 | | | | | | 4940 | 840 | | | |
| | | 350 | | | | | | 5143 | 900 | | | |
| 440 | 750 | 340 | 172 | 192 | | | 24 | 5235 | 890 | | 408 | |
| | | 350 | | | | | | 5486 | 960 | | | |
| | | 360 | | | | | | 5722 | 1030 | | | |
| 460 | 770 | 360 | | | | | | 5556 | 1000 | | | 420 |
| | | 370 | | | | | | 5784 | 1070 | | | |
| | | 380 | | | | | | 6000 | 1140 | | | |
| 480 | 800 | 380 | 188 | 213 | 15 | M24×140 | | 28 | 6316 | 1200 | 505 | |
| | | 390 | | | | | | | 6513 | 1270 | | |
| | | 400 | | | | | | | 6700 | 1340 | | |
| 500 | 850 | 400 | 188 | 213 | | M24×150 | 24 | 7200 | 1440 | 1100 | 575 | |
| | | 410 | | | | | | 7415 | 1520 | | | |
| | | 420 | | | | | | 7619 | 1600 | | | |
| 530 | 910 | 430 | 213 | 238 | | | M27×160 | 30 | 8465 | | 1820 | 746 |
| | | 440 | | | | | | | 8818 | | 1940 | |
| | | 450 | | | | | | | 9156 | | 2060 | |
| 560 | 940 | 450 | | | 8889 | | | | 2000 | | 775 | |
| | | 460 | | | 9261 | | | | 2130 | | | |
| | | 470 | | | 9617 | | | | 2260 | | | |
| 590 | 980 | 470 | 228 | 260 | M27×170 | 36 | | 9574 | 2250 | 900 | | |
| | | 480 | | | | | | 10000 | 2400 | | | |
| | | 490 | | | | | | 10410 | 2550 | | | |
| 620 | 1020 | 500 | 254 | 286 | | M30×190 | 30 | 10800 | 2700 | 1640 | 1080 | |
| | | 510 | | | | | | 11220 | 2860 | | | |
| | | 520 | | | | | | 11620 | 3020 | | | |
| 660 | 1070 | 530 | 260 | 292 | | | | 11700 | 3100 | | 1190 | |
| | | 540 | | | | | | 12150 | 3280 | | | |
| | | 550 | | | | | | 12580 | 3460 | | | |

Z7C型胀紧联结套

| 基本尺寸 | | | | | | 内六角螺钉 | | 额定负荷 | | | 重量 (kg) |
|------|-----|-------------------|-----|-----|---|---------|----|----------------------|----------------------|------------------------|------------|
| d | D | dn | l | H | e | d1 | n | 轴向力 F1 (KN) | 转矩 M1 (KN.m) | 螺钉的 拧紧力矩 MA(N.m) | |
| mm | | | | | | | | | | | |
| 240 | 405 | 170 180 190 | 120 | 144 | | M20×100 | 15 | 1835 1994 2137 | 156 179.5 203 | | 87 |
| 260 | 430 | 190 200 210 | 136 | 160 | | M20×110 | 16 | 2242 2390 2542 | 213 239 265 | | 100 |
| 280 | 460 | 210 220 230 | 148 | 172 | | M20×110 | 20 | 2686 2900 3087 | 282 319 355 | 470 | 132 |
| 300 | 485 | 230 240 245 | 152 | 176 | | M20×120 | | 2965 3175 3273 | 341 381 401 | | 140 |
| 320 | 520 | 240 250 260 | 160 | 184 | | M20×130 | 24 | 3317 3536 3738 | 398 442 486 | | 165 |
| 340 | 570 | 250 260 270 | 176 | 200 | | M24×130 | 20 | 4080 4307 4519 | 510 560 610 | | 240 |
| 360 | 590 | 280 290 295 | 180 | 204 | | M24×140 | | 4707 4931 5044 | 659 715 744 | | 250 |
| 390 | 660 | 300 310 320 | 188 | 212 | | M24×140 | 24 | 5733 5903 6063 | 860 915 970 | 820 | 350 |
| 420 | 690 | 330 340 350 | 214 | 238 | | M24×150 | 28 | 6182 6470 6743 | 1020 1100 1180 | | 410 |
| 460 | 770 | 360 370 380 | 224 | 252 | | M27×170 | 24 | 7222 7514 7789 | 1300 1390 1480 | | 540 |
| 500 | 850 | 400 410 420 | 246 | 274 | | M27×180 | 30 | 9400 9659 9905 | 1880 1980 2080 | 1210 | 750 |

Z8型胀紧联结套

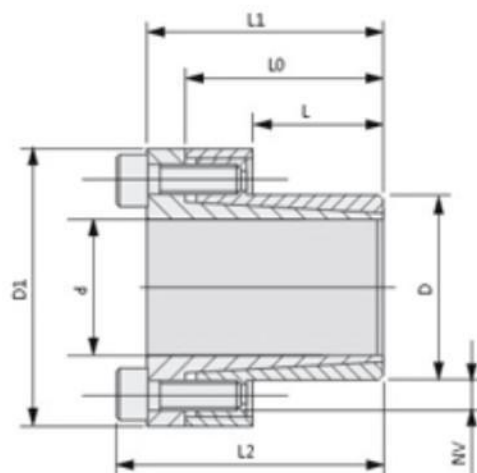
Z8 Bloated tight set



| 基本尺寸(mm) | | | | | | | | 额定负荷 | | 胀套与轴 结合面上的 压力 pf N/mm² | 胀套与轮 毂结合面上 的压力 pf N/mm² | 螺钉的 拧紧力矩 MA N.m | 重量 Kg |
|----------|-----|----|----|----|----|--------|----|-------------|--------------|------------------------------------|-------------------------------------|--------------------------|----------|
| d | D | L1 | L2 | L3 | L4 | d1 | n | 轴向力F1 KN | 转矩Mt KN.m | | | | |
| 20 | 47 | | | | | | 5 | 30 | 0.29 | 220 | 95 | | 0.25 |
| 22 | 47 | | | | | | | | 0.32 | 200 | 95 | | 0.25 |
| 24 | 50 | | | | | | | | 0.37 | 200 | 95 | | 0.27 |
| 25 | 50 | | | | | | 6 | 36 | 0.45 | 215 | 110 | | 0.27 |
| 28 | 55 | | | | | | | | 0.50 | 200 | 100 | | 0.32 |
| 30 | 55 | 17 | 22 | 28 | 34 | M6×20 | | | 0.54 | 190 | 100 | 17 | 0.35 |
| 32 | 60 | | | | | | | | 0.77 | 215 | 115 | | 0.37 |
| 35 | 60 | | | | | | 8 | 48 | 0.84 | 190 | 110 | | 0.34 |
| 38 | 65 | | | | | | | | 0.91 | 195 | 115 | | 0.40 |
| 40 | 65 | | | | | | | | 0.96 | 190 | 105 | | 0.38 |
| 45 | 75 | | | | | | 7 | 77 | 1.75 | 230 | 135 | | 0.63 |
| 50 | 80 | | | | | | | | 1.93 | 210 | 130 | | 0.68 |
| 55 | 85 | 20 | 25 | 33 | 41 | M8×25 | 8 | 88 | 2.45 | 215 | 135 | 41 | 0.73 |
| 60 | 90 | | | | | | | | 2.70 | 190 | 125 | | 0.78 |
| 63 | 95 | | | | | | 9 | 100 | 3.18 | 205 | 140 | | 0.89 |
| 65 | 95 | | | 28 | | | | | 3.25 | 200 | 135 | | 0.83 |
| 70 | 110 | | | | | | | | 5.00 | 220 | 140 | | 1.33 |
| 75 | 115 | | | | | | 8 | 141 | 5.25 | 200 | 130 | | 1.40 |
| 80 | 120 | 24 | 30 | 40 | 50 | M10×30 | | | 5.60 | 190 | 125 | 83 | 1.48 |
| 85 | 125 | | | | | | | | 6.75 | 200 | 135 | | 1.55 |
| 90 | 130 | | | | | | 9 | 159 | 7.10 | 190 | 130 | | 1.63 |
| 95 | 135 | | | | | | 10 | 176 | 8.35 | 200 | 140 | | 1.70 |

Z11型胀紧联结套

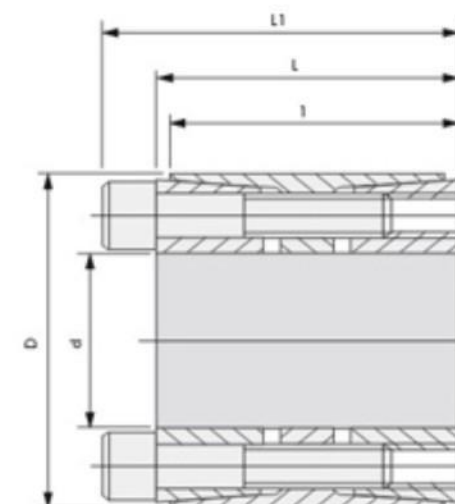
Z11 Bloated tight set



| 基本尺寸(mm) | | | | | | | 额定负荷 | | | | 胀套与轴 结合面上的 压力pf N/mm ² | 螺钉的 拧紧力矩 MA N.m | 重量 Kg |
|----------|----|----|----|-----|-----|-----|-------|----|-------------|--------------|--|--------------------------|----------|
| 规格 | L | L0 | L1 | L2 | D1 | D2 | d1 | n | 轴向力F1 KN | 转矩Mt KN.m | | | |
| 12×18 | 14 | 23 | 26 | 30 | 32 | 28 | M4×10 | 4 | 10.0 | 0.058 | 105 | 5 | 0.08 |
| 13×23 | | | | | 38 | 34 | | | 10.0 | 0.063 | 80 | | 0.13 |
| 14×23 | | | | | 38 | 34 | | | 10.0 | 0.068 | 80 | | 0.13 |
| 15×24 | 16 | 29 | 36 | 42 | 45 | 40 | M6×18 | 4 | 17.0 | 0.127 | 115 | 17 | 0.26 |
| 16×24 | | | | | 45 | 40 | | | 17.0 | 0.136 | 115 | | 0.26 |
| 17×26 | | | | | 47 | 42 | | | 21.6 | 0.180 | 125 | | 0.27 |
| 18×26 | 18 | 31 | 38 | 44 | 47 | 42 | | | 21.6 | 0.196 | 126 | | 0.27 |
| 19×27 | | | | | 49 | 45 | | | 21.6 | 0.206 | 122 | | 0.29 |
| 20×28 | | | | | 50 | 44 | | | 21.6 | 0.216 | 118 | | 0.30 |
| 22×32 | 25 | 38 | 45 | 51 | 54 | 48 | | 6 | 21.6 | 0.245 | 74 | | 0.38 |
| 24×34 | | | | | 56 | 50 | | | 21.6 | 0.265 | 70 | | 0.41 |
| 25×34 | | | | | 56 | 50 | | | 21.6 | 0.274 | 70 | | 0.45 |
| 28×39 | | | | | 61 | 55 | | 8 | 32.3 | 0.461 | 91 | | 0.47 |
| 30×41 | | | | | 62 | 57 | | | 32.3 | 0.500 | 86 | | 0.48 |
| 32×43 | | | | | 65 | 59 | | | 32.3 | 0.529 | 82 | | 0.52 |
| 35×47 | | | | | 69 | 62 | | 8 | 44.1 | 0.774 | 78 | | 0.63 |
| 38×50 | | | | | 72 | 66 | | | 44.1 | 0.843 | 74 | | 0.67 |
| 40×53 | | | | | 75 | 69 | | | 44.1 | 0.882 | 70 | | 0.73 |
| 42×55 | | | | | 78 | 71 | | | 44.1 | 0.931 | 68 | | 0.78 |
| 45×59 | 45 | 62 | 70 | 78 | 86 | 80 | | 8 | 82.3 | 1.850 | 82 | | 1.23 |
| 48×62 | | | | | 87 | 81 | | | 82.3 | 1.970 | 78 | | 1.24 |
| 50×65 | | | | | 92 | 86 | | | 82.3 | 2.060 | 74 | | 1.40 |
| 55×71 | 55 | 72 | 80 | 88 | 98 | 92 | | 9 | 92.1 | 2.550 | 63 | | 1.70 |
| 60×77 | | | | | 104 | 98 | | | 92.1 | 2.770 | 58 | | 1.90 |
| 65×84 | | | | | 111 | 105 | | | 92.1 | 3.010 | 53 | | 2.21 |
| 70×90 | 65 | 86 | 96 | 106 | 119 | 113 | | 12 | 147 | 5.150 | 67 | | 3.05 |
| 75×95 | | | | | 126 | 119 | | | 147 | 5.490 | 63 | | 3.32 |
| 80×100 | | | | | 131 | 125 | | | 196 | 7.840 | 79 | | 3.50 |
| 85×106 | | | | | 137 | 131 | | | 196 | 8.330 | 75 | | 3.81 |
| | | | | | | | | | | | | | |

Z12A型胀紧联结套

Z12A Bloated tight set



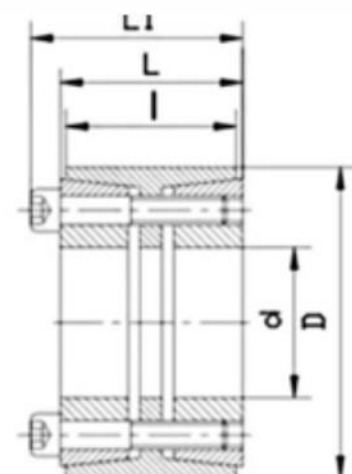
| 基本尺寸 | | | | | 内六角螺钉 | | 额定负荷 | | 胀套与轴 结合面上 的压力pf N/mm2 | 螺钉的 拧紧力矩 MA N.m | 螺钉的 拧紧力矩 MA (N.m) | 重量 (kg) |
|------|-----|-----|-----|-----|-------|----|-------------------|---------------------|--------------------------------|--------------------------|----------------------------|------------|
| d | D | 1 | L | L1 | d1 | n | 轴向力 F1 (KN) | 转 矩 M1 (Kn.m) | | | | |
| mm | | | | | | | | | | | | |
| 25 | 55 | 32 | 40 | 46 | M6 | 6 | 67 | 0.84 | 297 | 101 | 17 | 0.47 |
| 28 | | | | | | | | 0.94 | 265 | 101 | | 0.44 |
| 30 | | | | | | | | 1.0 | 248 | 101 | | 0.42 |
| 35 | 60 | 44 | 54 | 60 | M8 | 7 | 74 | 1.3 | 165 | 87 | 41 | 1.0 |
| 40 | 75 | 44 | 54 | 62 | | | 145 | 2.9 | 282 | 116 | | 1.1 |
| 45 | 75 | 44 | 54 | 62 | | | 145 | 3.26 | 251 | 116 | | 1.2 |
| 50 | 80 | 56 | 64 | 72 | | 8 | 165 | 4.15 | 200 | 98 | | 1.4 |
| 55 | 85 | | | | | 9 | 186 | 5.15 | 205 | 104 | | 1.6 |
| 60 | 90 | | | | | 10 | 207 | 6.2 | 202 | 106 | | 1.7 |
| 65 | 95 | 70 | 78 | 88 | M10 | 10 | 207 | 6.75 | 187 | 100 | 83 | 1.9 |
| 70 | 110 | | | | | 10 | 329 | 11.5 | 223 | 114 | | 3.1 |
| 80 | 120 | | | | | 11 | 362 | 14.5 | 215 | 115 | | 3.5 |
| 90 | 130 | | | | | 12 | 390 | 17.8 | 208 | 115 | | 3.8 |
| 100 | 145 | 90 | 100 | 112 | M12 | 14 | 527 | 26.3 | 200 | 107 | 145 | 6.1 |
| 110 | 155 | | | | | 17 | 575 | 31.8 | 198 | 110 | | 6.6 |
| 120 | 165 | | | | | 18 | 670 | 40.4 | 212 | 120 | | 7.2 |
| 130 | 180 | 104 | 116 | 130 | M14 | 16 | 759 | 49 | 180 | 112 | 230 | 11.1 |
| 140 | 190 | | | | | 18 | 842.8 | 59 | 186 | 124 | | 11.8 |
| 150 | 200 | | | | | 19 | 896.6 | 67 | 185 | 127 | | 12.6 |
| 160 | 210 | | | | | 20 | 950 | 76 | 183 | 128 | | 13.4 |
| 170 | 225 | 134 | 146 | 162 | M16 | 19 | 1223.5 | 104 | 172 | 113 | 355 | 19.6 |

Z12A型胀紧联结套

| 基本尺寸 | | | | | 内六角螺钉 | | 额定负荷 | | 胀套与轴 结合面上的 压力pf N/mm ² | 螺钉的 拧紧力矩 MA N.m | 重量 (kg) |
|------|-----|-----|-----|-----|-------|----|-------------------|---------------------|--|--------------------------|------------|
| d | D | l | L | L1 | d1 | n | 轴向力 F1 (KN) | 转 矩 M1 (Kn.m) | | | |
| mm | | | | | | | | | | | |
| 180 | 235 | 134 | 146 | 162 | M16 | 20 | 1288.8 | 116 | 172 | 115 | 20.6 |
| 190 | 250 | | | | | 21 | 1363 | 129.5 | 172 | 116 | 23.8 |
| 200 | 260 | | | | | 22 | 1437.5 | 143.7 | 172 | 112 | 24.9 |
| 220 | 285 | | | | | 24 | 1581.8 | 174 | 172 | 115 | 29.6 |
| 240 | 305 | | | | | 26 | 1725 | 207 | 172 | 119 | 31.9 |
| 260 | 325 | | | | | 28 | 1846 | 240 | 170 | 117 | 34.3 |
| 280 | 355 | 165 | 177 | 197 | M20 | 24 | 2428.5 | 340 | 168 | 117 | 52 |
| 300 | 375 | | | | | 25 | 2540 | 381 | 161 | 123 | 55.3 |
| 320 | 405 | | | | | 28 | 2881 | 461 | 175 | 119 | 67.3 |
| 340 | 425 | | | | | 29 | 2994 | 509 | 171 | 119 | 71 |
| 360 | 455 | 190 | 202 | 224 | M22 | 28 | 3588.8 | 646 | 169 | 115 | 96.5 |
| 380 | 475 | | | | | 30 | 3821 | 726 | 170 | 115 | 101.2 |
| 400 | 495 | | | | | 31 | 3960 | 792 | 168 | 120 | 106 |
| 420 | 515 | | | | | 32 | 4100 | 861 | 165 | 116 | 110.7 |
| 440 | 535 | | | | | 24 | 4260 | 937 | 165 | 112 | 110 |
| 460 | 555 | | | | | 24 | 4260 | 980 | 158 | 107 | 113 |
| 480 | 575 | | | | | 28 | 5000 | 1200 | 176 | 121 | 118 |
| 500 | 595 | | | | | 28 | 5000 | 1240 | 169 | 117 | 122 |
| 520 | 615 | | | | | 30 | 5330 | 1390 | 174 | 121 | 126 |
| 540 | 635 | | | | | 30 | 5330 | 1440 | 168 | 117 | 131 |
| 560 | 655 | | | | | 32 | 5680 | 1590 | 172 | 121 | 135 |
| 580 | 675 | | | | | 33 | 5860 | 1705 | 172 | 121 | 140 |
| 600 | 695 | | | | | 33 | 5860 | 1760 | 166 | 118 | 144 |

Z12B型胀紧联结套

Z12B Bloated tight set



| 基本尺寸 | | | | | 内六角螺钉 | | 额定负荷 | | 胀套与轴结合 面上的压力 Pf | 胀套与轮毂结 合面上的压力 Pf | 螺钉的拧 紧力矩 MA | 重 量 |
|------|-----|-----|-----|-----|-------|----|-----------|----------|-----------------------|------------------------|-------------------|------|
| d | D | l | L | L1 | d1 | n | 轴向力 F1 | 转矩 M1 | | | | |
| mm | | | | | | | KN | KN.m | N/mm ² | N/mm ² | N.m | kg |
| 70 | 110 | 50 | 60 | 70 | M10 | 8 | 204 | 7.15 | 194 | 107 | 83 | 2.3 |
| 80 | 120 | | | | | 10 | 250 | 10.25 | 212 | 123 | | 2.5 |
| 90 | 130 | | | | | 11 | 280 | 12.6 | 207 | 125 | | 2.7 |
| 100 | 145 | 60 | 70 | 82 | M12 | 10 | 372 | 18.6 | 205 | 126 | 145 | 4.1 |
| 110 | 155 | | | | | 10 | 372 | 20.5 | 187 | 118 | | 4.4 |
| 120 | 165 | | | | | 11 | 408 | 24.5 | 188 | 122 | | 4.8 |
| 130 | 180 | | | | | 14 | 520 | 33.8 | 197 | 128 | | 6.3 |
| 140 | 190 | 65 | 79 | 91 | M12 | 15 | 557 | 39.0 | 196 | 130 | 145 | 6.6 |
| 150 | 200 | | | | | 15 | 557 | 41.8 | 183 | 123 | | 7.8 |
| 160 | 210 | | | | | 16 | 593 | 47.5 | 183 | 125 | | 9.4 |
| 170 | 225 | | | | | 15 | 764 | 65.5 | 193 | 133 | 230 | 10.7 |
| 180 | 235 | 78 | 92 | 106 | M14 | 15 | 765 | 69.0 | 182 | 127 | | 11.3 |
| 190 | 250 | | | | | 16 | 815 | 77.5 | 163 | 103 | | 14.6 |
| 200 | 260 | | | | | 20 | 1020 | 102 | 194 | 124 | | 15.3 |
| 220 | 285 | 96 | 108 | 124 | M16 | 15 | 1060 | 117 | 174 | 113 | 355 | 20.2 |
| 240 | 305 | | | | | 20 | 1410 | 170 | 212 | 140 | | 21.8 |
| 260 | 325 | | | | | 21 | 1480 | 193 | 205 | 138 | | 23.4 |
| 280 | 355 | | | | | 15 | 1650 | 232 | 213 | 141 | 690 | 30.0 |
| 300 | 375 | 124 | 136 | 156 | M20 | 15 | 1650 | 249 | 198 | 134 | | 31.2 |
| 320 | 405 | | | | | 20 | 2210 | 354 | 191 | 125 | | 48.0 |
| 340 | 425 | | | | | 20 | 2210 | 376 | 180 | 119 | | 51.0 |
| 360 | 455 | | | | | 20 | 2750 | 496 | 185 | 118 | 930 | 69.0 |
| 380 | 475 | 140 | 155 | 177 | M22 | 20 | 2750 | 524 | 175 | 113 | | 73.0 |

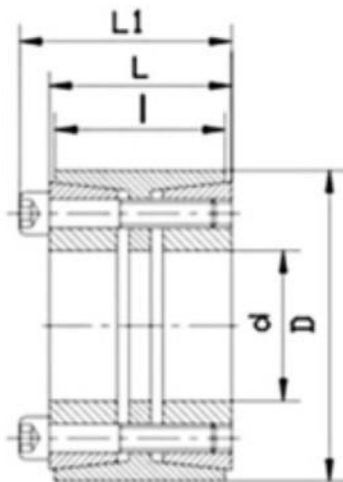
Z12B型胀紧联结套

| 基本尺寸 | | | | | 内六角螺钉 | | 额定负荷 | | 胀套与轴结合面上的压力 | 胀套与轮毂结合面上的压力 | 螺钉的拧紧力矩 | 重量 |
|------|-----|-----|-----|-----|-------|----|-----------|----------|-------------|--------------|---------|------|
| d | D | I | L | L1 | d1 | n | 轴向力 F1 | 转矩 M1 | Pf | Pf | MA | |
| mm | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | N.m | kg |
| 400 | 495 | 140 | 155 | 177 | M22 | 22 | 3010 | 602 | 183 | 122 | 930 | 76.0 |
| 420 | 515 | | | | | 24 | 3300 | 694 | 190 | 127 | | 80.0 |
| 440 | 535 | | | | | 24 | 3300 | 728 | 166 | 123 | | 81 |
| 460 | 555 | | | | | 24 | 3300 | 760 | 159 | 118 | | 85 |
| 480 | 575 | | | | | 25 | 3440 | 830 | 159 | 119 | | 88 |
| 500 | 595 | | | | | 25 | 3440 | 861 | 153 | 115 | | 91 |
| 520 | 615 | | | | | 28 | 3850 | 1003 | 164 | 124 | | 95 |
| 540 | 635 | | | | | 28 | 3850 | 1042 | 158 | 120 | | 98 |
| 560 | 655 | | | | | 30 | 4130 | 1157 | 163 | 125 | | 101 |
| 580 | 675 | | | | | 30 | 4130 | 1199 | 158 | 121 | | 104 |
| 600 | 695 | | | | | 30 | 4130 | 1240 | 153 | 118 | | 108 |

注：Z12B型胀紧联结套螺钉的机械性能等级为12.9级

Z12C型胀紧联结套

Z12C Bloated tight set



| 基本尺寸 | | | | | 内六角螺钉 | | 额定负荷 | | 胀套与轴结合面上的压力 Pf | 胀套与轮毂结合面上的压力 Pf | 螺钉的拧紧力矩 MA | 重量 |
|------|-----|-----|------|-----|-------|------|-----------|----------|-------------------|--------------------|---------------|------|
| d | D | I | L | L1 | d1 | n | 轴向力 F1 | 转矩 M1 | | | | |
| mm | | | | | | | KN | KN.m | | | | |
| 70 | 110 | 50 | 60 | 70 | M10 | 8 | 121 | 4.25 | 115 | 64 | 49 | 2.3 |
| 80 | 120 | | | | | 10 | 152 | 6.10 | 125 | 73 | | 2.5 |
| 90 | 130 | | | | | 11 | 167 | 7.50 | 122 | 74 | | 2.7 |
| 100 | 145 | 60 | 70 | 82 | M12 | 10 | 177 | 8.81 | 97 | 60 | 69 | 4.1 |
| 110 | 155 | | | | | 10 | 177 | 9.74 | 89 | 56 | | 4.4 |
| 120 | 165 | | | | | 11 | 193 | 11.6 | 89 | 58 | | 4.8 |
| 130 | 180 | 65 | 79 | 91 | | 14 | 247 | 16.06 | 93 | 61 | | 6.3 |
| 140 | 190 | | | | | 15 | 264 | 18.5 | 93 | 62 | | 6.6 |
| 150 | 200 | | | | | 15 | 264 | 19.86 | 87 | 59 | | 7.8 |
| 160 | 210 | | | | | 16 | 290 | 23.27 | 87 | 60 | | 9.4 |
| 170 | 225 | 78 | 92 | 106 | M14 | 15 | 363 | 30.87 | 92 | 63 | 108 | 10.7 |
| 180 | 235 | | | | | 15 | 363 | 32.75 | 87 | 60 | | 11.3 |
| 190 | 250 | 88 | 102 | 116 | | 16 | 387 | 36.8 | 78 | 50 | | 14.6 |
| 200 | 260 | | | | | 20 | 484 | 48.45 | 92 | 59 | | 15.3 |
| 220 | 285 | 96 | 108 | 124 | M16 | 15 | 505 | 55.57 | 83 | 54 | 168 | 20.2 |
| 240 | 305 | | | | | 20 | 673 | 80.75 | 100 | 67 | | 21.8 |
| 260 | 325 | | | | | 21 | 705 | 91.67 | 97 | 66 | | 23.4 |
| 280 | 355 | 110 | 130 | M20 | 15 | 877 | 122.8 | 114 | 75 | 369 | 30.0 | |
| 300 | 375 | | | | 15 | 887 | 133 | 106 | 72 | | 31.2 | |
| 320 | 405 | | | | 20 | 1181 | 189 | 102 | 67 | | 48.0 | |
| 340 | 425 | 20 | 1181 | | 200.8 | 96 | 64 | 51.0 | | | | |
| 360 | 455 | 140 | 155 | 177 | M22 | 20 | 1455 | 262 | 98 | 62 | 495 | 69.0 |
| 380 | 475 | | | | | 20 | 1455 | 277.7 | 93 | 60 | | 73.0 |

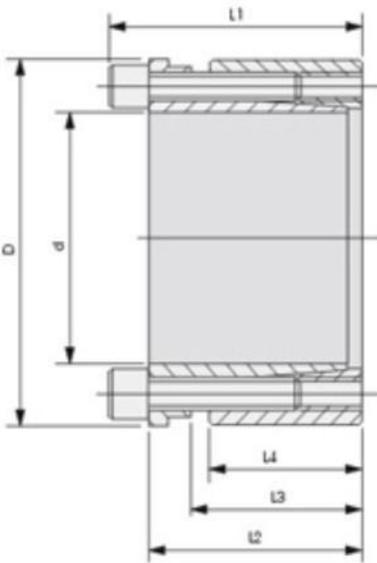
Z12C型胀紧联结套

| 基本尺寸 | | | | | 内六角螺钉 | | 额定负荷 | | 胀套与轴结合面上的压力 | 胀套与轮毂结合面上的压力 | 螺钉的拧紧力矩 | 重量 |
|------|-----|-----|-----|-----|-------|----|-----------|----------|-------------|--------------|---------|-------|
| d | D | I | L | L1 | d1 | n | 轴向力 F1 | 转矩 M1 | Pf | Pf | MA | |
| mm | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | N.m | kg |
| 400 | 495 | 140 | 155 | 177 | M22 | 22 | 1595 | 319 | 97 | 65 | 495 | 76.0 |
| 420 | 515 | | | | | 24 | 1751 | 367.8 | 100 | 68 | | 80.0 |
| 440 | 535 | | | | | 24 | 1952 | 429.5 | 98 | 73 | 550 | 81.0 |
| 460 | 555 | | | | | 24 | 1952 | 448.4 | 94 | 70 | | 85.0 |
| 480 | 575 | | | | | 25 | 2040 | 489.7 | 94 | 70 | | 88.0 |
| 500 | 595 | | | | | 25 | 2040 | 508 | 90 | 68 | | 91.0 |
| 520 | 615 | | | | | 28 | 2273 | 591 | 97 | 73 | | 95.0 |
| 540 | 635 | | | | | 28 | 2273 | 614 | 93 | 71 | | 98.0 |
| 560 | 655 | | | | | 30 | 2437 | 682.6 | 96 | 74 | | 101.0 |
| 580 | 675 | | | | | 30 | 2437 | 707.4 | 93 | 72 | | 104.0 |
| 600 | 695 | | | | | 30 | 2437 | 731.6 | 90 | 70 | | 108.0 |

注：Z12C型胀紧联结套螺钉的机械性能等级为8.8级

Z13型胀紧联结套

Z13 Bloated tight set



| 基本尺寸 | | | | | 额定负荷 | | 接触压力 | | 锁紧螺钉 | 重量 |
|------|-----|----|----|----|------|-------|------|-----|------|------|
| d | D | L1 | L2 | L4 | 轴向 | 扭矩 | 轴 | 毂 | 拧紧力矩 | |
| mm | | | | | KN | N.m | Mpa | Mpa | N.m | |
| 20 | 47 | 45 | 39 | 26 | 52 | 530 | 274 | 118 | 17 | 0.37 |
| 22 | 47 | 45 | 39 | 26 | 52 | 582 | 247 | 116 | 17 | 0.35 |
| 24 | 50 | 45 | 39 | 26 | 53 | 650 | 244 | 120 | 17 | 0.4 |
| 25 | 50 | 45 | 39 | 26 | 54 | 680 | 216 | 110 | 17 | 0.38 |
| 28 | 55 | 45 | 39 | 26 | 56 | 760 | 200 | 105 | 17 | 0.45 |
| 30 | 55 | 45 | 39 | 26 | 56 | 850 | 192 | 109 | 17 | 0.43 |
| 32 | 60 | 45 | 39 | 26 | 70 | 1130 | 228 | 121 | 17 | 0.53 |
| 35 | 60 | 45 | 39 | 26 | 71 | 1220 | 206 | 120 | 17 | 0.5 |
| 38 | 65 | 45 | 39 | 26 | 71 | 1370 | 198 | 114 | 17 | 0.6 |
| 40 | 65 | 45 | 39 | 26 | 72 | 1410 | 184 | 112 | 17 | 0.56 |
| 42 | 75 | 55 | 47 | 30 | 100 | 2170 | 219 | 122 | 41 | 0.95 |
| 45 | 75 | 55 | 47 | 30 | 100 | 2330 | 204 | 122 | 41 | 0.92 |
| 48 | 80 | 55 | 47 | 30 | 100 | 2480 | 194 | 117 | 41 | 1.1 |
| 50 | 80 | 55 | 47 | 30 | 100 | 2560 | 182 | 116 | 41 | 1 |
| 55 | 85 | 55 | 47 | 30 | 130 | 3700 | 222 | 141 | 41 | 1.1 |
| 60 | 90 | 55 | 47 | 30 | 140 | 3800 | 192 | 130 | 41 | 1.16 |
| 65 | 95 | 55 | 47 | 30 | 140 | 4600 | 194 | 131 | 41 | 1.2 |
| 70 | 110 | 67 | 57 | 40 | 220 | 7700 | 209 | 133 | 83 | 2.3 |
| 75 | 115 | 72 | 62 | 40 | 220 | 8100 | 192 | 126 | 83 | 2.5 |
| 80 | 120 | 72 | 62 | 40 | 220 | 8600 | 182 | 121 | 83 | 2.7 |
| 85 | 125 | 72 | 62 | 40 | 270 | 11600 | 214 | 148 | 83 | 2.9 |
| 90 | 130 | 72 | 62 | 40 | 270 | 12000 | 200 | 135 | 83 | 3.2 |

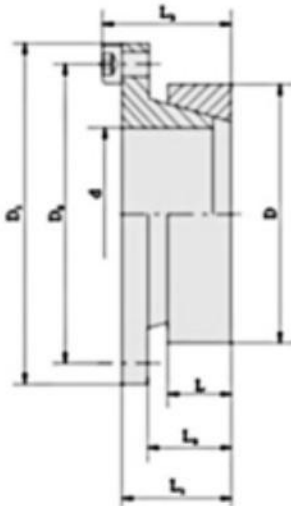
Z13型胀紧联结套

| 基本尺寸 | | | | | 额定负荷 | | 接触压力 | | 锁紧螺钉 | 重量 |
|------|-----|----|----|----|------|-------|------|-----|------|-----|
| d | D | L1 | L2 | L4 | 轴向 | 扭矩 | 轴 | 毂 | 拧紧力矩 | |
| mm | | | | | | | | | | |
| 95 | 135 | 72 | 62 | 40 | 280 | 13000 | 196 | 134 | 83 | 3.5 |
| 100 | 145 | 82 | 70 | 46 | 300 | 15000 | 173 | 120 | 145 | 4 |
| 110 | 155 | 82 | 70 | 46 | 320 | 17300 | 167 | 116 | 145 | 4.3 |
| 120 | 165 | 82 | 70 | 46 | 390 | 23600 | 192 | 136 | 145 | 4.4 |
| 130 | 180 | 82 | 70 | 46 | 424 | 29600 | 206 | 147 | 145 | 5.7 |
| 140 | 190 | 94 | 80 | 50 | 460 | 29800 | 163 | 119 | 230 | 6.7 |
| 150 | 200 | 94 | 80 | 50 | 530 | 40000 | 190 | 145 | 230 | 7 |
| 160 | 225 | 94 | 80 | 50 | 540 | 42300 | 178 | 134 | 230 | 7 |
| 170 | 235 | 94 | 80 | 50 | 620 | 52900 | 194 | 146 | 230 | 8.5 |
| 180 | 235 | 94 | 80 | 50 | 650 | 58900 | 194 | 148 | 230 | 9 |

注：1、表中所列数据为无隔圈“A”配置时胀套的额定负荷，当有隔圈配置时其额定负荷为表列负荷的62%
2、Z13型胀紧联结套螺钉的机械性能等级为12.9级。

Z14型胀紧联结套

Z14 Bloated tight set

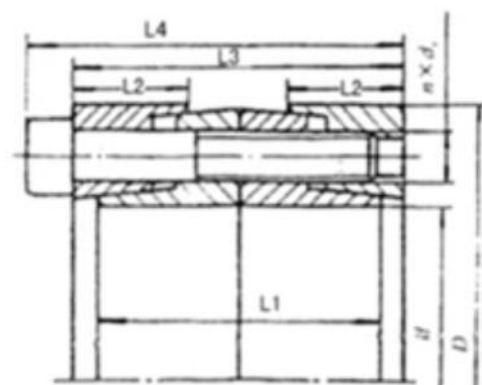
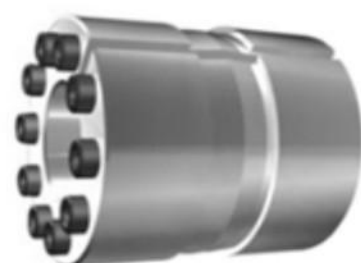


| 基本尺寸 | | | | | | | | 额定负荷 | | 内六角螺钉 | | | 胀套与轴结合面上的压力 Pf | 胀套与轮毂结合面上的压力 Pf | 重量 |
|------|----|----|----|----|----|----|----|----------|-----------|-------|---|-----|-------------------|--------------------|-------|
| d | D | DT | D1 | L | L0 | L1 | L2 | 转矩 M1 | 轴向力 F1 | d1 | n | MA | | | |
| mm | | | | | | | | KN.m | KN | | | N.m | N/mm 2 | N/mm 2 | kg |
| 14 | 25 | 33 | 42 | 16 | 20 | 26 | 30 | 64 | 9.20 | M4 | 4 | 2.9 | 109 | 61 | 0.091 |
| 16 | | | | | | | | 74 | 9.20 | M4 | 4 | 2.9 | 95 | 61 | 0.082 |
| 18 | | | | | | | | 82 | 9.20 | M4 | 4 | 2.9 | 85 | 61 | 0.072 |
| 19 | | | | | | | | 87 | 9.20 | M4 | 4 | 2.9 | 80 | 61 | 0.068 |
| 20 | 30 | 39 | 50 | 16 | 20 | 26 | 31 | 150 | 15.00 | M5 | 4 | 6 | 124 | 82 | 0.113 |
| 22 | | | | | | | | 165 | 15.00 | M5 | 4 | 6 | 113 | 82 | 0.110 |
| 24 | | | | | | | | 180 | 15.00 | M5 | 4 | 6 | 104 | 82 | 0.088 |
| 25 | | | | | | | | 187 | 15.0 | M5 | 4 | 6 | 100 | 69 | 0.144 |
| 28 | 36 | 45 | 55 | 16 | 20 | 26 | 31 | 210 | 15.0 | M5 | 4 | 6 | 89 | 69 | 0.121 |
| 30 | | | | | | | | 225 | 15.0 | M5 | 4 | 6 | 83 | 69 | 0.105 |
| 32 | | | | | | | | 240 | 15.0 | M5 | 4 | 6 | 77 | 59 | 0.200 |
| 35 | | | | | | | | 260 | 15.0 | M5 | 4 | 6 | 71 | 59 | 0.173 |
| 36 | 42 | 51 | 62 | 16 | 20 | 28 | 33 | 270 | 15.0 | M5 | 4 | 6 | 69 | 59 | 0.162 |
| 38 | | | | | | | | 400 | 21.20 | M6 | 4 | 10 | 93 | 80 | 0.182 |
| 40 | | | | | | | | 425 | 21.20 | M6 | 4 | 10 | 88 | 73 | 0.223 |
| 42 | | | | | | | | 446 | 21.20 | M6 | 4 | 10 | 83 | 73 | 0.191 |
| 45 | 55 | 67 | 82 | 20 | 25 | 35 | 43 | 875 | 38.90 | M8 | 4 | 25 | 115 | 94 | 0.400 |
| 48 | | | | | | | | 935 | 38.90 | M8 | 4 | 25 | 107 | 94 | 0.350 |
| 50 | | | | | | | | 974 | 38.90 | M8 | 4 | 25 | 103 | 83 | 0.500 |
| 55 | | | | | | | | 1070 | 38.90 | M8 | 4 | 25 | 94 | 83 | 0.410 |
| 60 | 72 | 81 | 99 | 20 | 25 | 35 | 43 | 1165 | 38.90 | M8 | 4 | 25 | 86 | 71 | 0.580 |
| 65 | | | | | | | | 1265 | 38.90 | M8 | 4 | 25 | 79 | 71 | 0.460 |

注：Z14型胀紧联结套螺钉的机械性能等级为8.8级

Z17A型胀紧联结套

Z17A Bloated tight set



| 基本尺寸 (mm) Dimensions | | | | | | 额定负荷 | | 内六角螺钉 | | | 胀套与轴 结合面上的 压力pt | 胀套与轮 毂结合面上 的压力pt | 重量 |
|----------------------|-----|----|----|----|----|------------|---------------|-------|----|-----------|-----------------------|------------------------|-----|
| d | D | L1 | L2 | L3 | L4 | 转矩Mt kN | 轴向力Ft KN.m | d1 | n | MA N.m | N/mm2 | N/mm2 | kg |
| 30 | 55 | 40 | 17 | 46 | 52 | 0.9 | 60 | M6 | 6 | 17 | 132 | 85 | 0.5 |
| 35 | 60 | 40 | 17 | 46 | 52 | 1.25 | 71 | M6 | 7 | 17 | 135 | 93 | 0.6 |
| 40 | 65 | 40 | 17 | 46 | 52 | 1.5 | 75 | M6 | 8 | 17 | 124 | 90 | 0.7 |
| 45 | 75 | 48 | 20 | 56 | 64 | 2.5 | 112 | M8 | 6 | 41 | 136 | 98 | 1.1 |
| 50 | 80 | 48 | 20 | 56 | 64 | 3 | 120 | M8 | 7 | 41 | 132 | 100 | 1.2 |
| 55 | 85 | 48 | 20 | 56 | 64 | 3.8 | 138 | M8 | 8 | 41 | 138 | 108 | 1.3 |
| 60 | 90 | 48 | 20 | 56 | 64 | 4.3 | 143 | M8 | 8 | 41 | 127 | 102 | 1.4 |
| 65 | 95 | 48 | 20 | 56 | 64 | 5.3 | 162 | M8 | 9 | 41 | 132 | 108 | 1.5 |
| 70 | 110 | 58 | 24 | 68 | 78 | 7.6 | 219 | M10 | 8 | 83 | 143 | 110 | 2.6 |
| 75 | 115 | 58 | 24 | 68 | 78 | 8.2 | 219 | M10 | 8 | 83 | 134 | 105 | 2.8 |
| 80 | 120 | 58 | 24 | 68 | 78 | 8.7 | 219 | M10 | 8 | 83 | 125 | 101 | 2.9 |
| 85 | 125 | 58 | 24 | 68 | 78 | 10.4 | 240 | M10 | 9 | 83 | 133 | 109 | 3.1 |
| 90 | 130 | 58 | 24 | 68 | 78 | 12.3 | 274 | M10 | 10 | 83 | 139 | 116 | 3.2 |
| 95 | 135 | 58 | 24 | 68 | 78 | 13.0 | 274 | M10 | 10 | 83 | 132 | 112 | 3.3 |
| 100 | 145 | 66 | 28 | 76 | 88 | 15.0 | 301 | M12 | 8 | 145 | 121 | 98 | 4.5 |
| 110 | 155 | 66 | 28 | 76 | 88 | 18.6 | 338 | M12 | 9 | 145 | 123 | 103 | 4.9 |

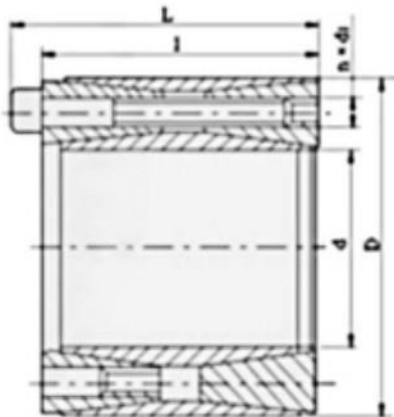
Z17A型胀紧联结套

| 基本尺寸 (mm) Dimensions | | | | | | 额定负荷 | | 内六角螺钉 | | | 胀套与轴 结合面上的 压力pt | 胀套与轮 毂结合面上 的压力pt | 重量 |
|----------------------|-----|-----|----|-----|-----|------------|---------------|-------|----|-----------|-----------------------|------------------------|-------|
| d | D | L1 | L2 | L3 | L4 | 转矩Mt kN | 轴向力Ft KN.m | d1 | n | MA N.m | N/mm2 | N/mm2 | kg |
| 120 | 165 | 66 | 28 | 76 | 88 | 22.5 | 376 | M12 | 10 | 145 | 126 | 108 | 5.3 |
| 130 | 180 | 76 | 33 | 86 | 98 | 29.3 | 451 | M12 | 12 | 145 | 121 | 101 | 7.3 |
| 140 | 190 | 76 | 33 | 86 | 98 | 31.5 | 451 | M12 | 12 | 145 | 112 | 95 | 7.8 |
| 150 | 200 | 76 | 33 | 86 | 98 | 39.4 | 526 | M12 | 14 | 145 | 122 | 106 | 8.2 |
| 160 | 210 | 76 | 33 | 86 | 98 | 45 | 563 | M12 | 15 | 145 | 123 | 108 | 8.7 |
| 170 | 225 | 86 | 38 | 98 | 112 | 52.5 | 619 | M14 | 12 | 230 | 112 | 96 | 11.6 |
| 180 | 235 | 86 | 38 | 98 | 112 | 64.9 | 722 | M14 | 14 | 230 | 124 | 107 | 12.2 |
| 190 | 250 | 102 | 46 | 114 | 126 | 78.3 | 825 | M14 | 16 | 230 | 113 | 95 | 16.7 |
| 200 | 260 | 102 | 46 | 114 | 126 | 92.7 | 928 | M14 | 18 | 230 | 121 | 103 | 17.4 |
| 220 | 285 | 110 | 50 | 122 | 138 | 126 | 1146 | M16 | 16 | 355 | 126 | 107 | 22.3 |
| 240 | 305 | 110 | 50 | 122 | 138 | 137.5 | 1146 | M16 | 16 | 355 | 115 | 100 | 24.1 |
| 260 | 325 | 110 | 50 | 122 | 138 | 167.6 | 1289 | M16 | 18 | 355 | 120 | 105 | 25.8 |
| 280 | 355 | 130 | 60 | 146 | 164 | 217 | 1552 | M18 | 18 | 485 | 113 | 97 | 38.2 |
| 300 | 375 | 130 | 60 | 146 | 164 | 258.5 | 1724 | M18 | 20 | 485 | 117 | 102 | 40.6 |
| 320 | 405 | 154 | 72 | 170 | 190 | 357.8 | 2236 | M20 | 20 | 690 | 120 | 102 | 58.6 |
| 340 | 425 | 154 | 72 | 170 | 190 | 380 | 2236 | M20 | 20 | 690 | 113 | 97 | 61.8 |
| 360 | 455 | 178 | 84 | 198 | 220 | 501 | 2784 | M22 | 20 | 930 | 115 | 97 | 85.0 |
| 380 | 475 | 178 | 84 | 198 | 220 | 555 | 2923 | M22 | 21 | 930 | 115 | 97 | 87.2 |
| 400 | 495 | 178 | 84 | 198 | 220 | 584 | 2923 | M22 | 21 | 930 | 109 | 93 | 93.4 |
| 420 | 515 | 178 | 84 | 198 | 220 | 657 | 3132 | M22 | 24 | 930 | 111 | 96 | 97.5 |
| 440 | 545 | 202 | 96 | 226 | 250 | 795 | 3617 | M24 | 24 | 1200 | 108 | 92 | 128.9 |
| 460 | 565 | 202 | 96 | 226 | 250 | 831 | 3617 | M24 | 24 | 1200 | 103 | 88 | 134.1 |
| 480 | 585 | 202 | 96 | 226 | 250 | 868 | 3617 | M24 | 24 | 1200 | 99 | 85 | 139.3 |
| 500 | 605 | 202 | 96 | 226 | 250 | 985 | 3940 | M24 | 28 | 1200 | 104 | 91 | 144.5 |
| 520 | 630 | 202 | 96 | 226 | 250 | 1024 | 3940 | M24 | 28 | 1200 | 100 | 88 | 157.6 |
| 540 | 650 | 202 | 96 | 226 | 250 | 1063 | 3940 | M24 | 28 | 1200 | 96 | 84 | 163.1 |
| 560 | 670 | 202 | 96 | 226 | 250 | 1181 | 4219 | M24 | 30 | 1200 | 100 | 88 | 168.6 |
| 580 | 670 | 202 | 96 | 226 | 250 | 1224 | 4219 | M24 | 30 | 1200 | 96 | 84 | 174.0 |
| 600 | 710 | 202 | 96 | 226 | 250 | 1266 | 4219 | M24 | 30 | 1200 | 92 | 83 | 179.5 |

注：Z17A型胀紧联结套螺钉的机械性能等级为12.9级

Z18型胀紧联结套

Z18 Bloated tight set



| 基本尺寸 (mm) Dimensions | | | | 额定负荷 | | 内六角螺钉 | | | 胀套与轴 结合面上的 压力pt | 胀套与轮 毂结合面 上的压力pt | 重量 |
|------------------------|-----|-----|-----|--------------|-------------|-------|----|-----------|-----------------------|------------------------|------|
| d | D | l | L | 转矩Mt KN.m | 轴向力Ft kN | d1 | n | MA N.m | N/mm2 | N/mm2 | kg |
| 45 | 75 | 64 | 72 | 3.9 | 174 | M8 | 9 | 41 | 185 | 110 | 1.5 |
| 48 | 80 | 64 | 72 | 4.15 | 174 | M8 | 9 | 41 | 170 | 105 | 1.7 |
| 50 | 80 | 64 | 72 | 4.3 | 174 | M8 | 9 | 41 | 165 | 105 | 1.6 |
| 55 | 85 | 64 | 72 | 4.8 | 174 | M8 | 9 | 41 | 150 | 95 | 1.7 |
| 60 | 90 | 64 | 72 | 6.4 | 213 | M8 | 11 | 41 | 170 | 110 | 1.8 |
| 65 | 95 | 64 | 72 | 6.9 | 213 | M8 | 11 | 41 | 155 | 105 | 2.0 |
| 70 | 110 | 78 | 88 | 11.8 | 338 | M10 | 11 | 83 | 185 | 115 | 3.6 |
| 75 | 115 | 78 | 88 | 12.7 | 338 | M10 | 11 | 83 | 170 | 110 | 3.8 |
| 80 | 120 | 78 | 88 | 14.7 | 369 | M10 | 12 | 83 | 175 | 115 | 4.0 |
| 85 | 125 | 78 | 88 | 15.7 | 369 | M10 | 12 | 83 | 165 | 110 | 4.3 |
| 90 | 130 | 78 | 88 | 18.0 | 400 | M10 | 13 | 83 | 170 | 115 | 4.5 |
| 95 | 135 | 78 | 88 | 19.0 | 400 | M10 | 13 | 83 | 160 | 110 | 4.7 |
| 100 | 145 | 100 | 112 | 26.9 | 538 | M12 | 12 | 145 | 160 | 110 | 7.2 |
| 110 | 155 | 100 | 112 | 32.0 | 583 | M12 | 13 | 145 | 155 | 110 | 7.7 |
| 120 | 165 | 100 | 112 | 40.3 | 673 | M12 | 15 | 145 | 165 | 120 | 8.3 |
| 130 | 180 | 116 | 130 | 52.0 | 800 | M14 | 13 | 230 | 155 | 115 | 11.7 |
| 140 | 190 | 116 | 130 | 64.6 | 923 | M14 | 15 | 230 | 170 | 125 | 12.5 |
| 150 | 200 | 116 | 130 | 73.8 | 985 | M14 | 16 | 230 | 165 | 125 | 13.2 |
| 160 | 210 | 116 | 130 | 83.7 | 1045 | M14 | 17 | 230 | 165 | 125 | 14.0 |

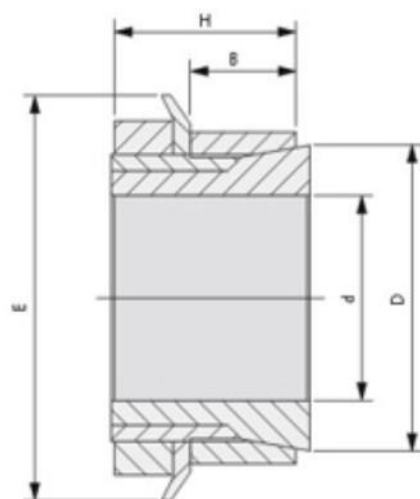
Z18型胀紧联结套

| 基本尺寸 (mm) Dimensions | | | | 额定负荷 | | 内六角螺钉 | | | 胀套与轴 结合面上 的压力pt | 胀套与轮 毂结合面 上的压力pt | 重量 |
|------------------------|-----|-----|-----|--------------|-------------|-------|----|-----------|-----------------------|------------------------|------|
| d | D | l | L | 转矩Mt KN.m | 轴向力Ft kN | d1 | n | MA N.m | N/mm2 | N/mm2 | kg |
| 170 | 225 | 146 | 162 | 109 | 1283 | M16 | 15 | 355 | 150 | 115 | 20.6 |
| 180 | 235 | 146 | 162 | 123.2 | 1369 | M16 | 16 | 355 | 150 | 115 | 21.6 |
| 190 | 250 | 146 | 162 | 138 | 1454 | M16 | 17 | 355 | 150 | 115 | 25.0 |
| 200 | 260 | 146 | 162 | 145.4 | 1454 | M16 | 17 | 355 | 145 | 110 | 26.2 |
| 220 | 285 | 146 | 162 | 188 | 1710 | M16 | 20 | 355 | 155 | 120 | 31.1 |
| 240 | 305 | 146 | 162 | 225 | 1880 | M16 | 22 | 355 | 155 | 120 | 33.6 |
| 260 | 325 | 146 | 162 | 244 | 1880 | M16 | 22 | 355 | 145 | 115 | 36.1 |
| 280 | 355 | 177 | 197 | 373 | 2670 | M20 | 20 | 690 | 155 | 120 | 54.9 |
| 300 | 375 | 177 | 197 | 440 | 2930 | M20 | 22 | 690 | 155 | 120 | 58.3 |
| 320 | 405 | 177 | 197 | 470 | 2930 | M20 | 22 | 690 | 145 | 115 | 71.0 |

注：Z18型胀紧联结套螺钉的机械性能等级为12.9级

Z19A型胀紧联结套

Z19A Bloated tight set



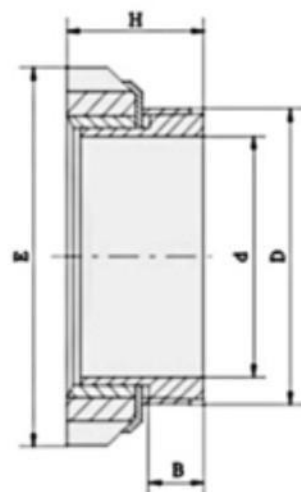
| A基本尺寸 (mm) Dimensions | | | | | 额定负荷 | | 螺母 | | 胀套与轴 结合面 上的压力 pt | 胀套与轮 毂结合面 上的压力 pt | 重量 |
|-----------------------|----|----|------|-----|--------------|-------------|---------|-----------|---------------------------|----------------------------|------|
| d | D | E | H | B | 转矩Mt KN.m | 轴向力Ft kN | d1 | MA N.m | N/mm2 | N/mm2 | kg |
| 14 | 25 | 32 | 16.5 | 6.5 | 38 | 5.1 | M20×1 | 95 | 200 | 110 | 0.05 |
| 15 | 25 | 32 | 16.5 | 6.5 | 41 | 5.5 | M20×1 | 95 | 185 | 110 | 0.04 |
| 16 | 25 | 32 | 16.5 | 6.5 | 43 | 5.45 | M20×1 | 95 | 174 | 110 | 0.04 |
| 17 | 26 | 32 | 16.5 | 6.5 | 47 | 5.5 | M20×1 | 95 | 164 | 107 | 0.04 |
| 18 | 26 | 32 | 16.5 | 6.5 | 49 | 5.4 | M22×1 | 95 | 155 | 107 | 0.04 |
| 18 | 30 | 38 | 16.5 | 6.5 | 58 | 6.6 | M25×1.5 | 160 | 185 | 112 | 0.06 |
| 19 | 30 | 38 | 18 | 6.5 | 62 | 6.6 | M25×1.5 | 160 | 176 | 112 | 0.06 |
| 20 | 30 | 38 | 18 | 6.5 | 66 | 6.6 | M25×1.5 | 160 | 167 | 111 | 0.06 |
| 22 | 32 | 38 | 18 | 6.5 | 73 | 6.6 | M25×1.5 | 160 | 152 | 105 | 0.06 |
| 24 | 35 | 45 | 18 | 6.5 | 105 | 8.75 | M30×1.5 | 220 | 185 | 127 | 0.08 |
| 25 | 35 | 45 | 18 | 6.5 | 110 | 8.8 | M30×1.5 | 220 | 178 | 127 | 0.07 |
| 28 | 36 | 45 | 18 | 6.5 | 120 | 8.55 | M32×1.5 | 220 | 159 | 124 | 0.06 |
| 28 | 40 | 52 | 18 | 6.5 | 149 | 10.6 | M35×1.5 | 340 | 188 | 141 | 0.09 |
| 30 | 40 | 52 | 19.5 | 7 | 160 | 10.6 | M35×1.5 | 340 | 164 | 123 | 0.09 |
| 32 | 42 | 52 | 19.5 | 7 | 170 | 10.6 | M36×1.5 | 340 | 154 | 117 | 0.09 |
| 35 | 45 | 58 | 21.5 | 8 | 230 | 13.1 | M40×1.5 | 480 | 153 | 120 | 0.11 |
| 36 | 45 | 58 | 21.5 | 8 | 240 | 13.3 | M40×1.5 | 480 | 149 | 120 | 0.1 |
| 38 | 48 | 58 | 21.5 | 8 | 250 | 13.1 | M42×1.5 | 480 | 141 | 112 | 0.12 |

Z19A型胀紧联结套

| A基本尺寸 (mm) Dimensions | | | | | 额定负荷 | | 螺母 | | 胀套与轴 结合面 上的压力 pt | 胀套与轮 毂结合面 上的压力 pt | 重量 |
|-----------------------|----|----|------|----|--------------|-------------|---------|-----------|---------------------------|----------------------------|------|
| d | D | E | H | B | 转矩Mt KN.m | 轴向力Ft kN | d1 | MA N.m | N/mm2 | N/mm2 | kg |
| 38 | 50 | 58 | 21.5 | 8 | 250 | 13.1 | M42×1.5 | 480 | 141 | 112 | 0.14 |
| 40 | 50 | 65 | 24.5 | 10 | 310 | 15.5 | M42×1.5 | 680 | 124 | 93 | 0.14 |
| 40 | 52 | 65 | 24.5 | 10 | 310 | 15.5 | M45×1.5 | 680 | 120 | 93 | 0.17 |
| 42 | 55 | 65 | 25.5 | 10 | 320 | 15.2 | M48×1.5 | 680 | 114 | 87 | 0.2 |
| 45 | 55 | 70 | 25.5 | 10 | 400 | 17.7 | M50×1.5 | 870 | 122 | 96 | 0.16 |
| 45 | 57 | 70 | 25.5 | 10 | 400 | 17.7 | M50×1.5 | 870 | 122 | 96 | 0.2 |
| 48 | 60 | 75 | 25.5 | 10 | 500 | 20.8 | M55×2 | 970 | 135 | 105 | 0.21 |
| 50 | 60 | 75 | 25.5 | 10 | 520 | 20.8 | M55×2 | 970 | 130 | 105 | 0.18 |
| 50 | 62 | 75 | 25.5 | 10 | 520 | 20.8 | M55×2 | 970 | 130 | 105 | 0.22 |
| 55 | 65 | 80 | 27.5 | 12 | 610 | 22 | M60×2 | 1100 | 103 | 84 | 0.21 |
| 55 | 68 | 80 | 27.5 | 12 | 610 | 22 | M60×2 | 1100 | 103 | 84 | 0.28 |
| 56 | 68 | 80 | 27.5 | 12 | 620 | 22 | M60×2 | 1100 | 101 | 82 | 0.26 |
| 60 | 70 | 85 | 30 | 12 | 800 | 26.6 | M65×2 | 1300 | 113 | 93 | 0.24 |
| 60 | 73 | 85 | 30.5 | 12 | 800 | 26.6 | M65×2 | 1300 | 113 | 93 | 0.33 |
| 63 | 79 | 92 | 30.5 | 14 | 980 | 31.1 | M70×2 | 1600 | 107 | 86 | 0.43 |
| 65 | 79 | 92 | 30.5 | 14 | 1010 | 31 | M70×2 | 1600 | 104 | 86 | 0.38 |
| 70 | 84 | 98 | 31.5 | 14 | 1240 | 35.4 | M75×2 | 2000 | 110 | 92 | 0.42 |

Z19B型胀紧联结套

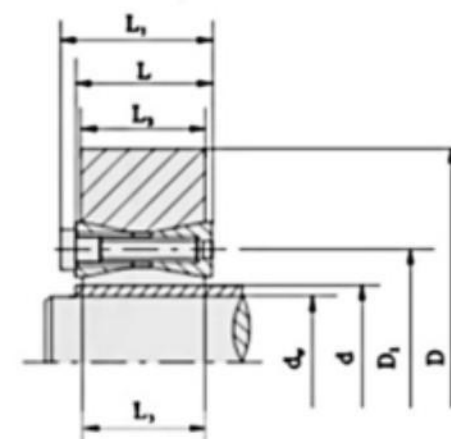
Z19B Bloated tight set



| A基本尺寸 (mm) Dimensions | | | | | 额定负荷 | | 螺母 | | 胀套与轴 结合面上的压力 pt | 胀套与轮 毂结合面上的压力 pt | 重量 |
|-----------------------|----|----|----|----|--------------|-------------|---------|-----------|-----------------------|------------------------|------|
| d | D | E | H | B | 转矩Mt KN.m | 轴向力Ft kN | d1 | MA N.m | N/mm2 | N/mm2 | kg |
| 14 | 25 | 32 | 30 | 20 | 64 | 9.1 | M20×1 | 95 | 85 | 45 | 0.08 |
| 15 | 25 | 32 | 30 | 20 | 70 | 9.1 | M20×1 | 95 | 80 | 45 | 0.08 |
| 16 | 25 | 32 | 30 | 20 | 73 | 9.1 | M20×1 | 95 | 75 | 45 | 0.07 |
| 17 | 25 | 32 | 32 | 20 | 80 | 9.1 | M22×1 | 95 | 70 | 45 | 0.07 |
| 18 | 30 | 32 | 32 | 20 | 83 | 9.1 | M22×1 | 95 | 65 | 40 | 0.12 |
| 19 | 30 | 38 | 32 | 20 | 105 | 11 | M25×1.5 | 160 | 75 | 45 | 0.11 |
| 20 | 30 | 38 | 32 | 20 | 112 | 11 | M25×1.5 | 160 | 70 | 45 | 0.1 |
| 22 | 35 | 45 | 36 | 25 | 163 | 14.5 | M30×1.5 | 220 | 70 | 45 | 0.17 |
| 24 | 35 | 45 | 36 | 25 | 178 | 14.5 | M30×1.5 | 220 | 65 | 45 | 0.15 |
| 25 | 35 | 45 | 36 | 25 | 185 | 14.5 | M30×1.5 | 220 | 60 | 45 | 0.14 |
| 28 | 40 | 52 | 42 | 30 | 250 | 14.5 | M35×1.5 | 340 | 55 | 40 | 0.22 |
| 30 | 40 | 52 | 42 | 30 | 270 | 17.5 | M35×1.5 | 340 | 50 | 40 | 0.19 |
| 32 | 42 | 52 | 44 | 30 | 350 | 21.5 | M36×1.5 | 340 | 60 | 45 | 0.2 |
| 32 | 45 | 58 | 44 | 30 | 350 | 21.5 | M40×1.5 | 480 | 60 | 45 | 0.27 |
| 35 | 45 | 58 | 44 | 30 | 390 | 21.5 | M40×1.5 | 480 | 55 | 45 | 0.22 |
| 38 | 50 | 65 | 45 | 30 | 500 | 26 | M45×1.5 | 680 | 60 | 45 | 0.3 |
| 40 | 50 | 65 | 45 | 30 | 520 | 26 | M45×1.5 | 680 | 60 | 50 | 0.25 |
| 45 | 55 | 70 | 46 | 30 | 680 | 30 | M50×1.5 | 870 | 60 | 50 | 0.29 |
| 48 | 60 | 75 | 46 | 30 | 840 | 35 | M55×2 | 970 | 60 | 50 | 0.37 |
| 50 | 60 | 75 | 46 | 30 | 880 | 35 | M55×2 | 970 | 60 | 50 | 0.32 |
| 55 | 65 | 80 | 46 | 30 | 1030 | 37.5 | M60×2 | 1100 | 60 | 50 | 0.34 |
| 60 | 70 | 85 | 52 | 30 | 1360 | 45 | M65×2 | 1300 | 65 | 55 | 0.42 |

Z20型胀紧联结套

Z20 Bloated tight set



| 基本尺寸 (mm) Dimensions | | | | | | | 额定负荷 | | 内六角螺钉 | | | 重量 (kg) |
|----------------------|----|----|------|------|----|----|----------------|---------------|-------|----|-------------|------------|
| d | dw | D | D1 | L4 | L | L3 | 转矩Mt (kN.m) | 轴向力Ft (kN) | d1 | n | MA (N.m) | |
| 25 | 18 | 60 | 37.5 | 27.5 | 20 | 17 | 0.190 | 21 | M6×18 | 9 | 17 | 0.37 |
| | 20 | | | | | | 0.255 | 25 | | | | |
| 30 | 20 | 65 | 42.5 | 27.5 | 20 | 17 | 0.205 | 20 | M6×18 | 9 | 17 | 0.42 |
| | 22 | | | | | | 0.270 | 24 | | | | |
| | 24 | | | | | | 0.340 | 28 | | | | |
| 35 | 25 | 72 | 47.5 | 27.5 | 20 | 17 | 0.365 | 29 | M6×18 | 12 | 17 | 0.48 |
| | 28 | | | | | | 0.490 | 35 | | | | |
| | 30 | | | | | | 0.585 | 39 | | | | |
| 40 | 30 | 78 | 52.5 | 27.5 | 20 | 17 | 0.555 | 37 | M6×18 | 15 | 17 | 0.54 |
| | 32 | | | | | | 0.590 | 37 | | | | |
| | 34 | | | | | | 0.710 | 42 | | | | |
| | 35 | | | | | | 0.770 | 44 | | | | |
| 45 | 35 | 92 | 60 | 33.5 | 24 | 20 | 0.960 | 55 | M8×22 | 12 | 41 | 0.92 |
| | 36 | | | | | | 1.030 | 57 | | | | |
| | 38 | | | | | | 1.200 | 63 | | | | |
| 50 | 38 | 98 | 65 | 33.5 | 24 | 24 | 1.010 | 53 | M8×22 | 12 | 41 | 1.0 |
| | 40 | | | | | | 1.160 | 58 | | | | |
| | 42 | | | | | | 1.320 | 63 | | | | |

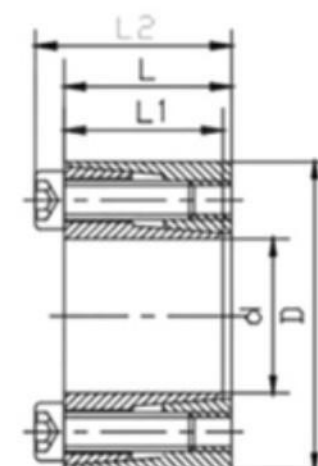
Z20型胀紧联结套

| 基本尺寸 (mm) Dimensions | | | | | | | 额定负荷 | | 内六角螺钉 | | | 重量 (kg) |
|----------------------|-----|-----|-------|------|----|----|----------------|---------------|--------|----|-------------|------------|
| d | dw | D | D1 | L4 | L | L3 | 转矩Mt (kN.m) | 轴向力Ft (kN) | d1 | n | MA (N.m) | |
| 55 | 42 | 105 | 70 | 33.5 | 24 | 24 | 1.330 | 63 | M8×22 | 14 | 41 | 1.1 |
| | 45 | | | | | | 1.590 | 70 | | | | |
| | 48 | | | | | | 1.880 | 78 | | | | |
| 60 | 48 | 110 | 75 | 33.5 | 24 | 24 | 1.600 | 67 | M8×22 | 14 | 41 | 1.2 |
| | 50 | | | | | | 1.780 | 71 | | | | |
| | 52 | | | | | | 1.890 | 73 | | | | |
| 70 | 55 | 138 | 90 | 39.5 | 28 | 24 | 2.930 | 106 | M10×25 | 14 | 83 | 2.3 |
| | 58 | | | | | | 3.370 | 116 | | | | |
| | 60 | | | | | | 3.690 | 123 | | | | |
| 80 | 62 | 145 | 100 | 39.5 | 28 | 24 | 3.140 | 101 | M10×25 | 14 | 83 | 2.4 |
| | 65 | | | | | | 3.570 | 110 | | | | |
| | 68 | | | | | | 4.020 | 118 | | | | |
| | 70 | | | | | | 4.350 | 124 | | | | |
| 90 | 70 | 160 | 110 | 39.5 | 28 | 24 | 4.090 | 117 | M10×25 | 16 | 83 | 2.8 |
| | 75 | | | | | | 4.890 | 130 | | | | |
| | 78 | | | | | | 5.420 | 139 | | | | |
| 100 | 78 | 180 | 122.5 | 47 | 33 | 26 | 5.980 | 153 | M12×30 | 14 | 145 | 3.8 |
| | 80 | | | | | | 6.370 | 159 | | | | |
| | 82 | | | | | | 6.490 | 158 | | | | |
| | 85 | | | | | | 7.160 | 168 | | | | |
| 110 | 85 | 190 | 132.5 | 47 | 33 | 26 | 6.180 | 145 | M12×30 | 14 | 145 | 4.1 |
| | 88 | | | | | | 6.800 | 154 | | | | |
| | 90 | | | | | | 7.240 | 160 | | | | |
| | 95 | | | | | | 8.380 | 176 | | | | |
| 120 | 95 | 205 | 142.5 | 47 | 33 | 26 | 8.250 | 173 | M12×30 | 16 | 145 | 4.7 |
| | 100 | | | | | | 9.450 | 189 | | | | |
| | 105 | | | | | | 10.740 | 204 | | | | |
| 140 | 110 | 230 | 165 | 52 | 38 | 34 | 12.860 | 233 | M12×35 | 22 | 145 | 7.4 |
| | 115 | | | | | | 14.440 | 251 | | | | |
| | 120 | | | | | | 16.140 | 269 | | | | |
| 160 | 125 | 260 | 185 | 52 | 38 | 34 | 17.130 | 274 | M12×35 | 26 | 145 | 9.2 |
| | 130 | | | | | | 18.990 | 292 | | | | |
| | 135 | | | | | | 20.940 | 310 | | | | |
| | 140 | | | | | | 23.000 | 328 | | | | |

注：Z20型胀紧联结套螺钉的机械性能等级为12.9级

Z21型胀紧联结套

Z21 Bloated tight set

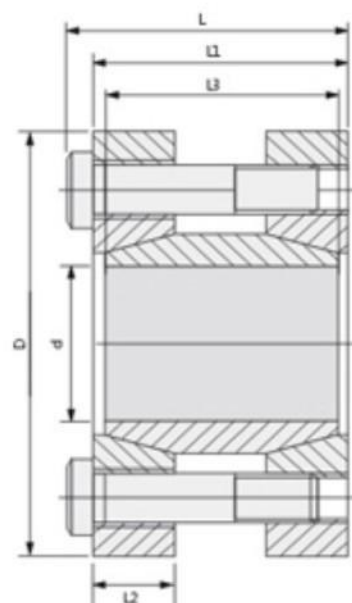


| 尺寸 | | | | 传递的轴 向力 Ft | 传递扭矩 Mt | 接触面压强 | | DIN912-12.9级锁紧螺钉 | | |
|----|----|------|----|------------------|------------|-------|----|------------------|---------|----------|
| d | D | L1 | L2 | | | 轴 | 毂 | 数量 | 规格 | 锁紧 扭矩 |
| mm | mm | mm | mm | KN | Nm | P | P1 | | | Ts Nm |
| 10 | 20 | 12.5 | 13 | 3.8 | 19 | 89 | 45 | 4 | M2.5X12 | 1.2 |
| 11 | 22 | 12.5 | 13 | 3.8 | 21 | 81 | 41 | 4 | M2.5X12 | 1.2 |
| 12 | 22 | 12.5 | 13 | 3.8 | 23 | 75 | 41 | 4 | M2.5X12 | 1.2 |
| 14 | 26 | 16.5 | 17 | 5.5 | 39 | 71 | 38 | 4 | M3X16 | 2.1 |
| 15 | 28 | 16.5 | 17 | 5.5 | 42 | 66 | 35 | 4 | M3X16 | 2.1 |
| 16 | 32 | 16.5 | 17 | 9.6 | 77 | 107 | 54 | 4 | M4X16 | 4.9 |
| 17 | 35 | 20.5 | 21 | 9.6 | 82 | 81 | 40 | 4 | M4X20 | 4.9 |
| 18 | 35 | 20.5 | 21 | 9.6 | 87 | 77 | 40 | 4 | M4X20 | 4.9 |
| 19 | 35 | 20.5 | 21 | 9.6 | 91 | 73 | 40 | 4 | M4X20 | 4.9 |
| 20 | 38 | 20.5 | 21 | 15.7 | 157 | 113 | 60 | 4 | M5X20 | 10 |
| 22 | 40 | 20.5 | 21 | 15.7 | 173 | 103 | 57 | 4 | M5X20 | 10 |
| 24 | 47 | 25 | 26 | 22.3 | 268 | 110 | 56 | 4 | M6X24 | 17 |
| 25 | 47 | 25 | 26 | 22.3 | 279 | 105 | 56 | 4 | M6X24 | 17 |
| 28 | 50 | 25 | 26 | 33.5 | 468 | 141 | 79 | 6 | M6X24 | 17 |
| 30 | 55 | 25 | 26 | 33.5 | 502 | 132 | 72 | 6 | M6X24 | 17 |
| 32 | 55 | 25 | 26 | 33.5 | 535 | 123 | 72 | 6 | M6X24 | 17 |
| 35 | 60 | 30 | 31 | 44.6 | 781 | 125 | 73 | 8 | M6X28 | 17 |
| 38 | 65 | 30 | 31 | 44.6 | 848 | 115 | 67 | 8 | M6X28 | 17 |
| 40 | 65 | 30 | 31 | 44.6 | 892 | 110 | 67 | 8 | M6X28 | 17 |
| 42 | 75 | 35 | 36 | 60.6 | 1272 | 122 | 68 | 6 | M8X34 | 41 |
| 45 | 75 | 35 | 36 | 60.6 | 1363 | 113 | 68 | 6 | M8X34 | 41 |
| 48 | 80 | 35 | 36 | 80.8 | 1938 | 142 | 85 | 8 | M8X34 | 41 |
| 50 | 80 | 35 | 36 | 80.8 | 2019 | 136 | 85 | 8 | M8X34 | 41 |

注：Z21型胀紧联结套螺钉的机械性能等级为12.9级

Z22型胀紧联结套

Z22 Bloated tight set

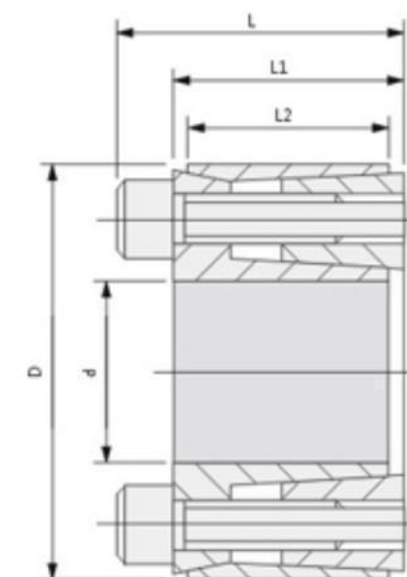


| 尺寸 | | | | | | 传递的轴向力 Ft | 传递扭矩 Mt | GB70-85 12.9级锁紧螺钉 | | |
|----|-----|-----|-----|------|----|--------------|------------|-------------------|--------|------------|
| d | D | L | L1 | L2 | L3 | | | 数量 | 规格 | 锁紧扭矩 Ts |
| mm | mm | mm | mm | mm | mm | KN | Nm | | | Nm |
| 17 | 50 | 56 | 50 | 16 | 44 | 16.8 | 142 | 4 | M6X45 | 17 |
| 18 | 50 | 56 | 50 | 16 | 44 | 16.8 | 151 | 4 | M6X45 | 17 |
| 19 | 50 | 56 | 50 | 16 | 44 | 16.8 | 159 | 4 | M6X45 | 17 |
| 20 | 50 | 56 | 50 | 16 | 44 | 16.8 | 268 | 4 | M6X45 | 17 |
| 24 | 55 | 66 | 60 | 18.5 | 54 | 25.2 | 302 | 6 | M6X55 | 17 |
| 25 | 55 | 66 | 60 | 18.5 | 54 | 25.2 | 315 | 6 | M6X55 | 17 |
| 28 | 60 | 66 | 60 | 18.5 | 54 | 25.2 | 352 | 6 | M6X55 | 17 |
| 30 | 60 | 66 | 60 | 18.5 | 54 | 25.2 | 378 | 6 | M6X55 | 17 |
| 32 | 63 | 66 | 60 | 18.5 | 54 | 25.2 | 403 | 6 | M6X55 | 17 |
| 35 | 75 | 83 | 75 | 22 | 67 | 31.2 | 546 | 4 | M8X70 | 42 |
| 38 | 75 | 83 | 75 | 22 | 67 | 31.2 | 592 | 4 | M8X70 | 42 |
| 40 | 75 | 83 | 75 | 22 | 67 | 31.2 | 624 | 4 | M8X70 | 42 |
| 42 | 78 | 83 | 75 | 22 | 67 | 31.2 | 982 | 4 | M8X70 | 42 |
| 45 | 85 | 93 | 85 | 24.5 | 76 | 46.8 | 1053 | 6 | M8X80 | 42 |
| 48 | 90 | 93 | 85 | 24.5 | 76 | 46.8 | 1123 | 6 | M8X80 | 42 |
| 50 | 90 | 93 | 85 | 24.5 | 76 | 46.8 | 1170 | 6 | M8X80 | 42 |
| 55 | 94 | 93 | 85 | 24.5 | 76 | 62.4 | 1710 | 8 | M8X80 | 42 |
| 60 | 100 | 93 | 85 | 24.5 | 76 | 62.4 | 1870 | 8 | M8X80 | 42 |
| 65 | 105 | 93 | 85 | 24.5 | 76 | 62.4 | 2020 | 8 | M8X80 | 42 |
| 70 | 115 | 110 | 100 | 29 | 90 | 98.4 | 3440 | 8 | M10X95 | 84 |

注：Z2型胀紧联结套螺钉的机械性能等级为12.9级。

Z23型胀紧联结套

Z23 Bloated tight set



| 基本尺寸 | | | | | | 额定负荷 | | 胀套与轴结合面上的压力 | 胀套与轮毂结合面上的压力 | 螺钉的拧紧力矩 | 重量 | | |
|------|-----|------|------|------|------|------|-----------|-------------|--------------|---------|------|------|------|
| d | D | L | L1 | L2 | d1 | n | 轴向力 F1 | 转矩 M1 | Pf | Pf | MA | | |
| mm | | | | | | | KN | KN.m | N/mm 2 | N/mm 2 | N.m | kg | |
| 19 | 41 | 24.5 | 18.5 | 12 | M6 | 4 | 30 | 0.30 | 287 | 90 | 17 | 0.29 | |
| 20 | 41 | | | | | | | 0.33 | 260 | 90 | | 0.27 | |
| 24 | 46 | | | | | 35 | 0.44 | 287 | 106 | 0.30 | | | |
| 25 | 47 | | | | | | 0.49 | 256 | 96 | 0.36 | | | |
| 28 | 80 | | | | | | 0.53 | 239 | 96 | 0.34 | | | |
| 30 | 52 | 45 | 0.81 | 246 | 106 | 0.38 | | | | | | | |
| 35 | 57 | | 0.94 | 215 | 98 | 0.41 | | | | | | | |
| 38 | 60 | | 6 | 1.86 | 283 | 134 | 0.70 | | | | | | |
| 40 | 62 | 2.07 | | 255 | 126 | 0.76 | | | | | | | |
| 42 | 70 | 36 | 28 | 18 | M8 | 7 | 90 | 2.54 | 270 | 138 | | 41 | 0.82 |
| 45 | 73 | | | | | | | 2.77 | 247 | 130 | 0.88 | | |
| 48 | 76 | | | | | 8 | 105 | 3.58 | 261 | 141 | 0.94 | | |
| 50 | 78 | | | | | | 7 | 140 | 5.10 | 244 | 128 | | 2.10 |
| 55 | 83 | | | | | | | | 5.46 | 228 | 119 | | 2.20 |
| 60 | 88 | 5.85 | 214 | 112 | 2.30 | | | | | | | | |
| 70 | 105 | 45 | 35 | 22 | M8 | 8 | 175 | 7.45 | 230 | 129 | 2.40 | | |
| 80 | 115 | | | | | | | 7.90 | 217 | 124 | 2.60 | | |