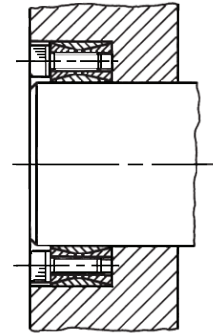
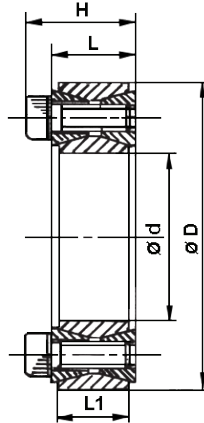


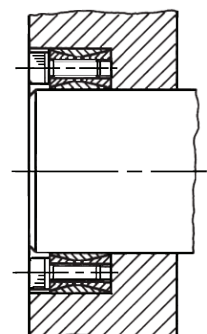
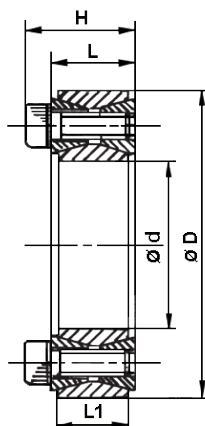
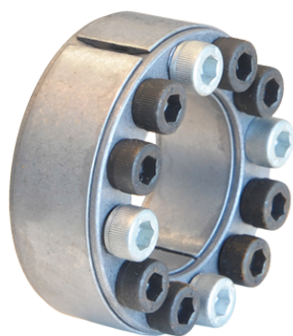
BTK 40**Locking devices****Moyeux de serrage**

| BTK 40 | Dimensions of locking devices | | | Transmitted Axial Force kN | Transmitted Torque Nm | Contact pressure | | Locking screws DIN 912 - Mat. 12.9 | | Locking Torque Nm |
|-----------|-------------------------------|----|----|-------------------------------|--------------------------|------------------|-------------------------------|---------------------------------------|----------|----------------------|
| | ø d x ø D | L1 | L | | | H | Shaft h8 N/mm ² | Hub H8 N/mm ² | N° | |
| 19 x 47 | 17 | 20 | 28 | 31 | 290 | 235 | 90 | 8 | M6 x 18 | 14,9 |
| 20 x 47 | 17 | 20 | 28 | 31 | 295 | 208 | 90 | 8 | M6 x 18 | 14,9 |
| 22 x 47 | 17 | 20 | 28 | 31 | 320 | 192 | 89 | 8 | M6 x 18 | 14,9 |
| 24 x 50 | 17 | 20 | 28 | 35 | 370 | 192 | 94 | 9 | M6 x 18 | 14,9 |
| 25 x 50 | 17 | 20 | 28 | 35 | 390 | 187 | 94 | 9 | M6 x 18 | 14,9 |
| 28 x 55 | 17 | 20 | 28 | 39 | 490 | 153 | 94 | 10 | M6 x 18 | 14,9 |
| 30 x 55 | 17 | 20 | 28 | 39 | 520 | 173 | 94 | 10 | M6 x 18 | 14,9 |
| 32 x 55 | 17 | 20 | 28 | 47 | 680 | 205 | 94 | 12 | M6 x 18 | 14,9 |
| 35 x 60 | 17 | 20 | 28 | 47 | 710 | 180 | 105 | 12 | M6 x 18 | 14,9 |
| 38 x 65 | 17 | 20 | 28 | 55 | 880 | 176 | 108 | 14 | M6 x 18 | 14,9 |
| 40 x 65 | 17 | 20 | 28 | 55 | 930 | 176 | 108 | 14 | M6 x 18 | 14,9 |
| 42 x 75 | 20 | 24 | 34 | 83 | 1580 | 235 | 123 | 12 | M8 x 22 | 35 |
| 45 x 75 | 20 | 24 | 34 | 83 | 1620 | 206 | 123 | 12 | M8 x 22 | 35 |
| 48 x 80 | 20 | 24 | 34 | 83 | 1690 | 186 | 108 | 12 | M8 x 22 | 35 |
| 50 x 80 | 20 | 24 | 34 | 83 | 1770 | 187 | 113 | 12 | M8 x 22 | 35 |
| 55 x 85 | 20 | 24 | 34 | 97 | 2260 | 196 | 127 | 14 | M8 x 22 | 35 |
| 60 x 90 | 20 | 24 | 34 | 97 | 2450 | 177 | 120 | 14 | M8 x 22 | 35 |
| 65 x 95 | 20 | 24 | 34 | 110 | 3040 | 188 | 128 | 16 | M8 x 22 | 35 |
| 70 x 110 | 24 | 28 | 40 | 153 | 4560 | 206 | 127 | 14 | M10 x 25 | 69 |
| 75 x 115 | 24 | 28 | 40 | 153 | 4820 | 191 | 124 | 14 | M10 x 25 | 69 |
| 80 x 120 | 24 | 28 | 40 | 153 | 5130 | 177 | 120 | 14 | M10 x 25 | 69 |
| 85 x 125 | 24 | 28 | 40 | 175 | 6230 | 191 | 127 | 16 | M10 x 25 | 69 |
| 90 x 130 | 24 | 28 | 40 | 175 | 6520 | 176 | 122 | 16 | M10 x 25 | 69 |
| 95 x 135 | 24 | 28 | 40 | 196 | 7770 | 191 | 133 | 18 | M10 x 25 | 69 |
| 100 x 145 | 26 | 33 | 47 | 227 | 9460 | 193 | 133 | 14 | M12 x 30 | 123 |

Recommended machining tolerances for pressure surfaces : H8 for Hub and h8 for Shaft.

BTK 40 Locking devices

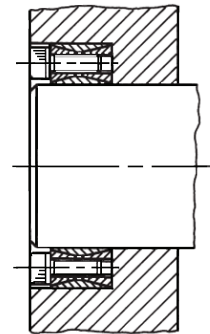
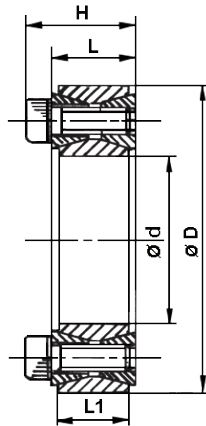
Moyeux de serrage



| BTK 40 | Dimensions of locking devices | | | Transmitted Axial Force kN | Transmitted Torque Nm | Contact pressure | | Locking screws DIN 912 - Mat. 12.9 | | Locking Torque Nm |
|-----------|-------------------------------|-----|-----|-------------------------------|--------------------------|------------------|-------------------------------|---------------------------------------|----------|----------------------|
| | ø d x ø D | L1 | L | | | H | Shaft h8 N/mm ² | Hub H8 N/mm ² | N° | |
| 110 x 155 | 26 | 33 | 47 | 227 | 10490 | 176 | 122 | 14 | M12 x 30 | 123 |
| 120 x 165 | 26 | 33 | 47 | 260 | 12945 | 182 | 133 | 16 | M12 x 30 | 123 |
| 130 x 180 | 34 | 38 | 52 | 325 | 17360 | 163 | 113 | 20 | M12 x 35 | 123 |
| 140 x 190 | 34 | 38 | 52 | 357 | 20650 | 163 | 123 | 22 | M12 x 35 | 123 |
| 150 x 200 | 34 | 38 | 52 | 390 | 23815 | 166 | 122 | 24 | M12 x 35 | 123 |
| 160 x 210 | 34 | 38 | 52 | 422 | 27615 | 166 | 127 | 26 | M12 x 35 | 123 |
| 170 x 225 | 38 | 44 | 60 | 465 | 32370 | 157 | 118 | 22 | M14 x 40 | 187 |
| 180 x 235 | 38 | 44 | 60 | 507 | 37270 | 163 | 123 | 24 | M14 x 40 | 187 |
| 190 x 250 | 46 | 52 | 68 | 591 | 45810 | 148 | 113 | 28 | M14 x 45 | 187 |
| 200 x 260 | 46 | 52 | 68 | 633 | 51600 | 148 | 113 | 30 | M14 x 45 | 187 |
| 220 x 285 | 50 | 56 | 72 | 745 | 66800 | 148 | 113 | 26 | M16 x 50 | 290 |
| 240 x 305 | 50 | 56 | 72 | 860 | 103162 | 211 | 166 | 30 | M16 x 50 | 290 |
| 260 x 325 | 50 | 56 | 72 | 860 | 126669 | 221 | 177 | 34 | M16 x 50 | 290 |
| 280 x 355 | 60 | 66 | 84 | 1124 | 157339 | 197 | 156 | 32 | M18 x 60 | 400 |
| 300 x 375 | 60 | 66 | 84 | 1124 | 189653 | 207 | 166 | 36 | M18 x 60 | 400 |
| 320 x 405 | 72 | 78 | 98 | 1651 | 264108 | 211 | 167 | 36 | M20 x 70 | 580 |
| 340 x 425 | 72 | 78 | 98 | 1651 | 280614 | 199 | 159 | 36 | M20 x 70 | 580 |
| 360 x 455 | 84 | 90 | 112 | 2017 | 363061 | 197 | 156 | 36 | M22 x 80 | 780 |
| 380 x 475 | 84 | 90 | 112 | 2017 | 383232 | 186 | 149 | 36 | M22 x 80 | 780 |
| 400 x 495 | 84 | 90 | 112 | 2017 | 403402 | 177 | 143 | 36 | M22 x 80 | 780 |
| 420 x 515 | 84 | 90 | 112 | 2017 | 470633 | 187 | 153 | 40 | M22 x 80 | 1000 |
| 440 x 545 | 96 | 102 | 126 | 2634 | 579506 | 184 | 148 | 40 | M24 x 90 | 1000 |
| 460 x 565 | 96 | 102 | 126 | 2634 | 605848 | 176 | 143 | 40 | M24 x 90 | 1000 |
| 480 x 585 | 96 | 102 | 126 | 2766 | 663811 | 177 | 145 | 42 | M24 x 90 | 1000 |
| 500 x 605 | 96 | 102 | 126 | 5898 | 724383 | 178 | 147 | 44 | M24 x 90 | 1000 |

Recommended machining tolerances for pressure surfaces : H8 for Hub and h8 for Shaft.

BTK 40 Locking devices Moyeux de serrage



| BTK 40 | Dimensions of locking devices | | | Transmitted Axial Force kN | Transmitted Torque Nm | Contact pressure | | Locking screws DIN 912 - Mat. 12.9 | | Locking Torque Nm |
|-------------|-------------------------------|-----|-----|-------------------------------|--------------------------|------------------|-------------------------------|---------------------------------------|----------|----------------------|
| | ø d x ø D | L1 | L | | | H | Shaft h8 N/mm ² | Hub H8 N/mm ² | N° | |
| 520 x 630 | 96 | 102 | 126 | 2963 | 770487 | 175 | 144 | 45 | M24 x 90 | 1000 |
| 540 x 650 | 96 | 102 | 126 | 2963 | 800121 | 169 | 140 | 45 | M24 x 90 | 1000 |
| 560 x 670 | 96 | 102 | 126 | 3161 | 885064 | 173 | 145 | 48 | M24 x 90 | 1000 |
| 580 x 690 | 96 | 102 | 126 | 3293 | 954884 | 174 | 147 | 50 | M24 x 90 | 1000 |
| 600 x 710 | 96 | 102 | 126 | 3293 | 987811 | 169 | 142 | 50 | M24 x 90 | 1000 |
| 620 x 730 | 96 | 102 | 126 | 3424 | 1061550 | 170 | 144 | 52 | M24 x 90 | 1000 |
| 640 x 750 | 96 | 102 | 126 | 3556 | 1137957 | 171 | 146 | 54 | M24 x 90 | 1000 |
| 660 x 770 | 96 | 102 | 126 | 3688 | 1216963 | 172 | 147 | 56 | M24 x 90 | 1000 |
| 680 x 790 | 96 | 102 | 126 | 3688 | 1253841 | 167 | 143 | 56 | M24 x 90 | 1000 |
| 700 x 810 | 96 | 102 | 126 | 3951 | 1382913 | 173 | 150 | 60 | M24 x 90 | 1000 |
| 720 x 830 | 96 | 102 | 126 | 3951 | 1422425 | 169 | 146 | 60 | M24 x 90 | 1000 |
| 740 x 850 | 96 | 102 | 126 | 4083 | 1510688 | 169 | 148 | 62 | M24 x 90 | 1000 |
| 760 x 870 | 96 | 102 | 126 | 4215 | 1601545 | 170 | 149 | 64 | M24 x 90 | 1000 |
| 780 x 890 | 96 | 102 | 126 | 4280 | 1669384 | 169 | 148 | 65 | M24 x 90 | 1000 |
| 800 x 910 | 96 | 102 | 126 | 4346 | 1738541 | 167 | 147 | 66 | M24 x 90 | 1000 |
| 820 x 930 | 96 | 102 | 126 | 4478 | 1835982 | 168 | 148 | 68 | M24 x 90 | 1000 |
| 840 x 950 | 96 | 102 | 126 | 4610 | 1936101 | 169 | 149 | 70 | M24 x 90 | 1000 |
| 860 x 970 | 96 | 102 | 126 | 4741 | 2038809 | 169 | 150 | 72 | M24 x 90 | 1000 |
| 860 x 990 | 96 | 102 | 126 | 4873 | 2144197 | 170 | 151 | 74 | M24 x 90 | 1000 |
| 900 x 1010 | 96 | 102 | 126 | 4939 | 2222575 | 169 | 150 | 75 | M24 x 90 | 1000 |
| 920 x 1030 | 96 | 102 | 126 | 5005 | 2302221 | 167 | 149 | 76 | M24 x 90 | 1000 |
| 940 x 1050 | 96 | 102 | 126 | 5137 | 2414196 | 168 | 150 | 78 | M24 x 90 | 1000 |
| 960 x 1070 | 96 | 102 | 126 | 5268 | 2528755 | 169 | 151 | 80 | M24 x 90 | 1000 |
| 980 x 1090 | 96 | 102 | 126 | 5334 | 2613719 | 167 | 150 | 81 | M24 x 90 | 1000 |
| 1000 x 1110 | 96 | 102 | 126 | 5400 | 2700000 | 166 | 149 | 82 | M24 x 90 | 1000 |

Recommended machining tolerances for pressure surfaces : H8 for Hub and h8 for Shaft.