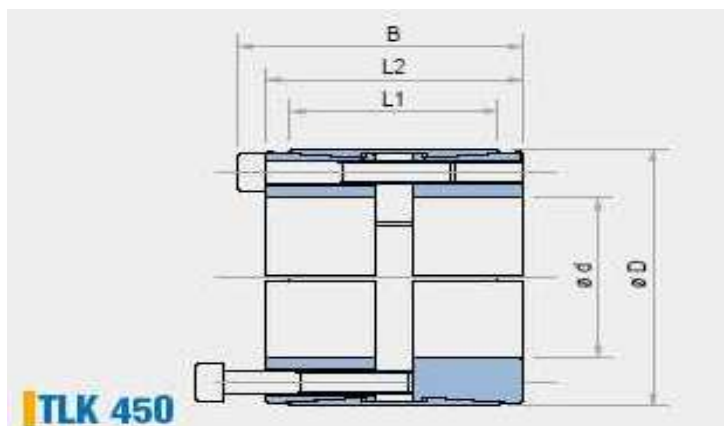


TLK 450



**TOLLOK**

|           |       |       |      | Tightening Screws |                   | Torque | Axial Thrust | Surface Pressure on  |                      | Weight |
|-----------|-------|-------|------|-------------------|-------------------|--------|--------------|----------------------|----------------------|--------|
|           |       |       |      | DIN 912 12.9      | Tightening torque |        |              | Shaft                | Hub                  |        |
| dxD mm    | L1 mm | L2 mm | B mm | N x type          | Ms Nm             | Mt Nm  | Fass KN      | pw N/mm <sup>2</sup> | pn N/mm <sup>2</sup> | Kg     |
| 25 x 50   | 39    | 45    | 51   | 8 x M6            | 17                | 950    | 76           | 245                  | 122                  | 0,5    |
| 28 x 55   | 39    | 45    | 51   | 8 x M6            | 17                | 1070   | 76           | 219                  | 111                  | 0,6    |
| 30 x 55   | 39    | 45    | 51   | 8 x M6            | 17                | 1150   | 76           | 204                  | 111                  | 0,6    |
| 35 x 60   | 39    | 45    | 51   | 8 x M6            | 17                | 1340   | 76           | 175                  | 102                  | 0,7    |
| 38 x 65   | 39    | 45    | 51   | 8 x M6            | 17                | 1450   | 76           | 161                  | 94                   | 0,7    |
| 40 x 65   | 39    | 45    | 51   | 8 x M6            | 17                | 1530   | 76           | 153                  | 94                   | 0,7    |
| 42 x 75   | 56    | 64    | 72   | 8 x M8            | 41                | 2970   | 141          | 188                  | 105                  | 1      |
| 45 x 75   | 56    | 64    | 72   | 8 x M8            | 41                | 3150   | 141          | 175                  | 105                  | 0,9    |
| 48 x 80   | 56    | 64    | 72   | 8 x M8            | 41                | 4000   | 166          | 164                  | 98                   | 1,4    |
| 50 x 80   | 56    | 64    | 72   | 8 x M8            | 41                | 4150   | 166          | 158                  | 98                   | 1,3    |
| 55 x 85   | 56    | 64    | 72   | 8 x M8            | 41                | 4550   | 166          | 143                  | 93                   | 1,5    |
| 60 x 90   | 56    | 64    | 72   | 10 x M8           | 41                | 6200   | 207          | 164                  | 109                  | 1,6    |
| 65 x 95   | 56    | 64    | 72   | 10 x M8           | 41                | 6750   | 207          | 152                  | 104                  | 1,8    |
| 70 x 110  | 70    | 78    | 88   | 10 x M10          | 83                | 11550  | 330          | 179                  | 114                  | 3      |
| 75 x 115  | 70    | 78    | 88   | 10 x M10          | 83                | 12350  | 330          | 167                  | 109                  | 3,3    |
| 80 x 120  | 70    | 78    | 88   | 12 x M10          | 83                | 15800  | 396          | 188                  | 125                  | 3,5    |
| 85 x 125  | 70    | 78    | 88   | 12 x M10          | 83                | 16800  | 396          | 177                  | 120                  | 3,7    |
| 90 x 130  | 70    | 78    | 88   | 12 x M10          | 83                | 17800  | 396          | 167                  | 115                  | 3,8    |
| 95 x 135  | 70    | 78    | 88   | 12 x M10          | 83                | 18800  | 396          | 158                  | 111                  | 5      |
| 100 x 145 | 90    | 100   | 112  | 12 x M12          | 145               | 28800  | 576          | 170                  | 117                  | 6      |
| 110 x 155 | 90    | 100   | 112  | 12 x M12          | 145               | 31700  | 576          | 155                  | 110                  | 6,2    |
| 120 x 165 | 90    | 100   | 112  | 14 x M12          | 145               | 40300  | 673          | 165                  | 120                  | 7,2    |
| 130 x 180 | 104   | 116   | 130  | 12 x M14          | 230               | 51400  | 791          | 155                  | 112                  | 10     |
| 140 x 190 | 104   | 116   | 130  | 14 x M14          | 230               | 64600  | 923          | 168                  | 124                  | 10,2   |
| 150 x 200 | 104   | 116   | 130  | 16 x M14          | 230               | 79100  | 1055         | 179                  | 135                  | 10,8   |
| 160 x 210 | 104   | 116   | 130  | 16 x M14          | 230               | 84400  | 1055         | 168                  | 128                  | 11,5   |
| 170 x 225 | 134   | 146   | 162  | 14 x M16          | 355               | 109000 | 1283         | 149                  | 113                  | 17     |
| 180 x 235 | 134   | 146   | 162  | 16 x M16          | 355               | 132000 | 1466         | 161                  | 124                  | 18,5   |
| 190 x 250 | 134   | 146   | 162  | 16 x M16          | 355               | 139000 | 1466         | 153                  | 116                  | 21,5   |
| 200 x 260 | 134   | 146   | 162  | 16 x M16          | 355               | 146500 | 1466         | 145                  | 112                  | 22     |
| 220 x 285 | 134   | 146   | 162  | 20 x M16          | 355               | 201500 | 1833         | 165                  | 127                  | 25     |
| 240 x 305 | 134   | 146   | 162  | 22 x M16          | 355               | 242000 | 2017         | 166                  | 131                  | 27     |
| 260 x 325 | 134   | 146   | 162  | 22 x M16          | 355               | 262000 | 2017         | 154                  | 123                  | 30     |
| 280 x 355 | 165   | 177   | 197  | 20 x M20          | 690               | 400000 | 2862         | 164                  | 130                  | 46     |
| 300 x 375 | 165   | 177   | 197  | 22 x M20          | 690               | 472000 | 3148         | 169                  | 135                  | 50     |
| 320 x 405 | 165   | 177   | 197  | 22 x M20          | 690               | 503500 | 3148         | 158                  | 125                  | 60     |
| 340 x 425 | 165   | 177   | 197  | 24 x M20          | 690               | 583500 | 3434         | 162                  | 130                  | 65     |
| 360 x 455 | 190   | 202   | 224  | 22 x M22          | 930               | 705000 | 3918         | 152                  | 120                  | 89     |
| 380 x 475 | 190   | 202   | 224  | 26 x M22          | 930               | 880000 | 4631         | 170                  | 136                  | 93     |
| 400 x 495 | 190   | 202   | 224  | 26 x M22          | 930               | 926000 | 4631         | 162                  | 131                  | 98     |