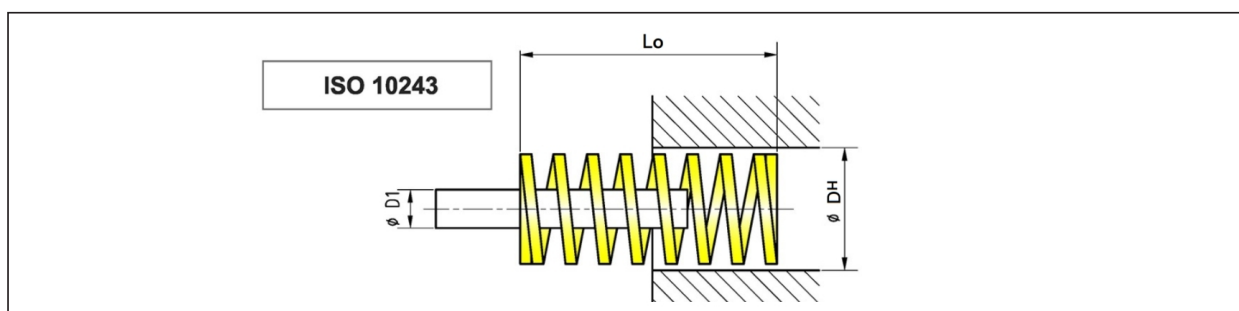


ISO 10243



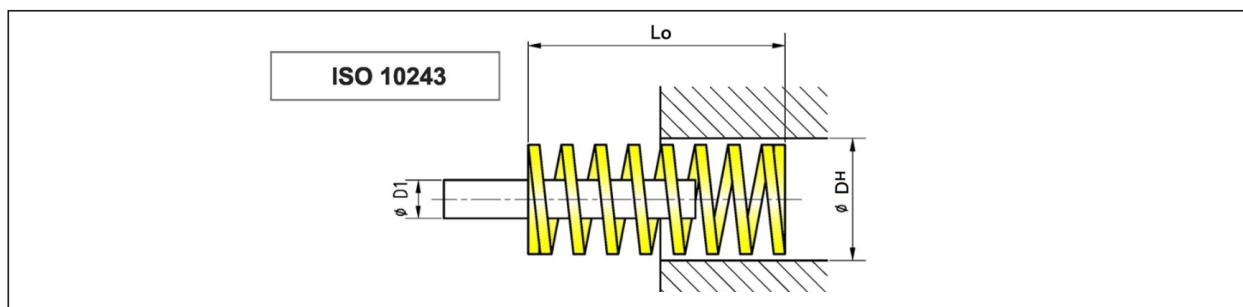
**Materiál:**

**Objednávacie číslo: COM – TJB** Zliatinová oceľ s chrómom s vysokou pevnosťou v ťahu

Príklad objednania : COM – TJB – DH x Lo

| Model<br>型号 | Hole<br>Diameter<br>孔径<br>DH<br>(mm) | Rod<br>Diameter<br>轴径<br>Dd<br>(mm) | Free<br>Length<br>自由长<br>Lo<br>(mm) | Spring<br>Constant<br>弹簧常数<br>R<br>(N/mm) | Free length × 17.0%<br>3,000,000 cycles<br>自由长 × 17.0% 300万次 |                      | Free length × 20.0%<br>1,500,000 cycles<br>自由长 × 20.0% 150万次 |                      | Free length × 22.5%<br>500,000 cycles<br>自由长 × 22.5% 50万次 |                      | Free length × 25.0%<br>200,000 cycles<br>自由长 × 25.0% 20万次 |                      | Warning<br>Cannot be used<br>不可使用<br>(mm) |
|-------------|--------------------------------------|-------------------------------------|-------------------------------------|---|--|----------------------|--|----------------------|---|----------------------|---|----------------------|---|
|             |                                      |                                     |                                     |   | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N[kgf] |   |
| TJB10-25    | 10.0<br>+0.58mm<br>-0mm              | 5.0<br>+0mm<br>-0.58mm              | 25                                  | 36.8                                      | 4.3  | 156                  | 5.0  | 184                  | 5.6   | 207                  | 6.3   | 230                  | 6.8                                       |
| TJB10-32    |                                      |                                     | 32                                  | 28.8                                      | 5.4  |                      | 6.4  |                      | 7.2   |                      | 8.0   |                      | 8.6                                       |
| TJB10-38    |                                      |                                     | 38                                  | 24.2                                      | 6.5  |                      | 7.6  |                      | 8.6   |                      | 9.5   |                      | 10.3                                      |
| TJB10-44    |                                      |                                     | 44                                  | 20.9                                      | 7.5  |                      | 8.8  |                      | 9.9   |                      | 11.0  |                      | 11.9                                      |
| TJB10-51    |                                      |                                     | 51                                  | 18.0                                      | 8.7  |                      | 10.2   |                      | 11.5  |                      | 12.8  |                      | 13.8                                      |
| TJB10-64    |                                      |                                     | 64                                  | 14.4                                      | 10.9   |                      | 12.8   |                      | 14.4  |                      | 16.0  |                      | 17.3                                      |
| TJB10-76    |                                      |                                     | 76                                  | 12.1                                      | 12.9   |                      | 15.2   |                      | 17.1  |                      | 19.0  |                      | 20.5                                      |
| TJB10-89    |                                      |                                     | 89                                  | 10.3                                      | 15.1   |                      | 17.8   |                      | 20.0  |                      | 22.3  |                      | 24.0                                      |
| TJB10-102   |                                      |                                     | 102                                 | 9.0                                       | 17.3   |                      | 20.4   |                      | 23.0  |                      | 25.5  |                      | 27.5                                      |
| TJB10-305   |                                      |                                     | 305                                 | 3.0                                       | 51.9   |                      | 61.0   |                      | 68.6  |                      | 76.3  |                      | 82.4                                      |
| TJB12.5-25  | 12.5<br>+0.7mm<br>-0mm               | 6.3<br>+0mm<br>-0.58mm              | 25                                  | 57.6                                      | 4.3  | 245                  | 5.0  | 288                  | 5.6   | 324                  | 6.3   | 360                  | 6.8                                       |
| TJB12.5-32  |                                      |                                     | 32                                  | 45.0                                      | 5.4  |                      | 6.4  |                      | 7.2   |                      | 8.0   |                      | 8.6                                       |
| TJB12.5-38  |                                      |                                     | 38                                  | 37.9                                      | 6.5  |                      | 7.6  |                      | 8.6   |                      | 9.5   |                      | 10.3                                      |
| TJB12.5-44  |                                      |                                     | 44                                  | 32.7                                      | 7.5  |                      | 8.8  |                      | 9.9   |                      | 11.0  |                      | 11.9                                      |
| TJB12.5-51  |                                      |                                     | 51                                  | 28.2                                      | 8.7  |                      | 10.2   |                      | 11.5  |                      | 12.8  |                      | 13.8                                      |
| TJB12.5-64  |                                      |                                     | 64                                  | 22.5                                      | 10.9   |                      | 12.8   |                      | 14.4  |                      | 16.0  |                      | 17.3                                      |
| TJB12.5-76  |                                      |                                     | 76                                  | 18.9                                      | 12.9   |                      | 15.2   |                      | 17.1  |                      | 19.0  |                      | 20.5                                      |
| TJB12.5-89  |                                      |                                     | 89                                  | 16.2                                      | 15.1   |                      | 17.8   |                      | 20.0  |                      | 22.3  |                      | 24.0                                      |
| TJB12.5-102 |                                      |                                     | 102                                 | 14.1                                      | 17.3   |                      | 20.4   |                      | 23.0  |                      | 25.5  |                      | 27.5                                      |
| TJB12.5-115 |                                      |                                     | 115                                 | 12.5                                      | 19.6   |                      | 23.0   |                      | 25.9  |                      | 28.8  |                      | 31.1                                      |
| TJB12.5-305 | 305                                  | 4.7                                 | 51.9                                | 61.0                                      | 68.6   | 76.3                 | 82.4   |                      |   |                      |   |                      |   |

ISO 10243



**Materiál:**

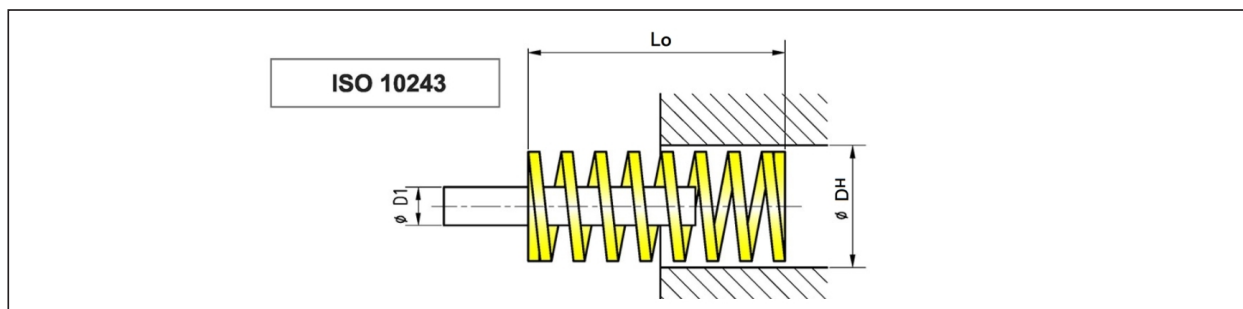
Zliatinová oceľ s chrómom s vysokou pevnosťou v ťahu

**Objednávacie číslo: COM – TJB**

Príklad objednania : COM – TJB – DH x L<sub>0</sub>

| Model<br>型号 | Hole<br>Diameter<br>孔径<br>DH<br>(mm) | Rod<br>Diameter<br>轴径<br>Dd<br>(mm) | Free<br>Length<br>自由长<br>L <sub>0</sub><br>(mm) | Spring<br>Constant<br>弹簧常数<br>R<br>(N/mm) | Free length × 17.0%<br>3,000,000 cycles<br>自由长 × 17.0% 300万次 |                     | Free length × 20.0%<br>1,500,000 cycles<br>自由长 × 20.0% 150万次 |                     | Free length × 22.5%<br>500,000 cycles<br>自由长 × 22.5% 50万次 |                     | Free length × 25.0%<br>200,000 cycles<br>自由长 × 25.0% 20万次 |                     | Warning<br>Cannot be used<br>不可使用<br>(mm) |
|-------------|--------------------------------------|-------------------------------------|---|---|--|---------------------|--|---------------------|---|---------------------|---|---------------------|---|
|             |                                      |                                     |   |   | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N/kgf | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N/kgf | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N/kgf | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N/kgf |   |
| TJB16-25    | 16.0<br>+0.7mm<br>-0mm               | 8.0<br>+0mm<br>-0.58mm              | 25  | 112.0                                     | 4.3  | 476                 | 5.0  | 560                 | 5.6   | 630                 | 6.3   | 700                 | 6.8                                       |
| TJB16-32    |                                      |                                     | 32  | 87.5                                      | 5.4  |                     | 6.4  |                     | 7.2   |                     | 8.0   |                     | 8.6                                       |
| TJB16-38    |                                      |                                     | 38  | 73.7                                      | 6.5  |                     | 7.6  |                     | 8.6   |                     | 9.5   |                     | 10.3                                      |
| TJB16-44    |                                      |                                     | 44  | 63.6                                      | 7.5  |                     | 8.8  |                     | 9.9   |                     | 11.0  |                     | 11.9                                      |
| TJB16-51    |                                      |                                     | 51  | 54.9                                      | 8.7  |                     | 10.2   |                     | 11.5  |                     | 12.8  |                     | 13.8                                      |
| TJB16-64    |                                      |                                     | 64  | 43.8                                      | 10.9   |                     | 12.8   |                     | 14.4  |                     | 16.0  |                     | 17.3                                      |
| TJB16-76    |                                      |                                     | 76  | 36.8                                      | 12.9   |                     | 15.2   |                     | 17.1  |                     | 19.0  |                     | 20.5                                      |
| TJB16-89    |                                      |                                     | 89  | 31.5                                      | 15.1   |                     | 17.8   |                     | 20.0  |                     | 22.3  |                     | 24.0                                      |
| TJB16-102   |                                      |                                     | 102   | 27.5                                      | 17.3   |                     | 20.4   |                     | 23.0  |                     | 25.5  |                     | 27.5                                      |
| TJB16-115   |                                      |                                     | 115   | 24.3                                      | 19.6   |                     | 23.0   |                     | 25.9  |                     | 28.8  |                     | 31.1                                      |
| TJB16-127   |                                      |                                     | 127   | 22.0                                      | 21.6   |                     | 25.4   |                     | 28.6  |                     | 31.8  |                     | 34.3                                      |
| TJB16-305   | 305                                  | 9.2                                 | 51.9  | 61.0                                      | 68.6   | 76.3                | 82.4   |                     |   |                     |   |                     |   |
| TJB20-25    | 20.0<br>+0.84mm<br>-0mm              | 10.0<br>+0mm<br>-0.58mm             | 25  | 240.0                                     | 4.3  | 1,020               | 5.0  | 1,200               | 5.6   | 1,350               | 6.3   | 1,500               | 6.8                                       |
| TJB20-32    |                                      |                                     | 32  | 187.5                                     | 5.4  |                     | 6.4  |                     | 7.2   |                     | 8.0   |                     | 8.6                                       |
| TJB20-38    |                                      |                                     | 38  | 157.9                                     | 6.5  |                     | 7.6  |                     | 8.6   |                     | 9.5   |                     | 10.3                                      |
| TJB20-44    |                                      |                                     | 44  | 136.4                                     | 7.5  |                     | 8.8  |                     | 9.9   |                     | 11.0  |                     | 11.9                                      |
| TJB20-51    |                                      |                                     | 51  | 117.6                                     | 8.7  |                     | 10.2   |                     | 11.5  |                     | 12.8  |                     | 13.8                                      |
| TJB20-64    |                                      |                                     | 64  | 93.8                                      | 10.9   |                     | 12.8   |                     | 14.4  |                     | 16.0  |                     | 17.3                                      |
| TJB20-76    |                                      |                                     | 76  | 78.9                                      | 12.9   |                     | 15.2   |                     | 17.1  |                     | 19.0  |                     | 20.5                                      |
| TJB20-89    |                                      |                                     | 89  | 67.4                                      | 15.1   |                     | 17.8   |                     | 20.0  |                     | 22.3  |                     | 24.0                                      |
| TJB20-102   |                                      |                                     | 102   | 58.8                                      | 17.3   |                     | 20.4   |                     | 23.0  |                     | 25.5  |                     | 27.5                                      |
| TJB20-115   |                                      |                                     | 115   | 52.2                                      | 19.6   |                     | 23.0   |                     | 25.9  |                     | 28.8  |                     | 31.1                                      |
| TJB20-127   |                                      |                                     | 127   | 47.2                                      | 21.6   |                     | 25.4   |                     | 28.6  |                     | 31.8  |                     | 34.3                                      |
| TJB20-139   |                                      |                                     | 139   | 43.2                                      | 23.6   |                     | 27.8   |                     | 31.3  |                     | 34.8  |                     | 37.5                                      |
| TJB20-152   |                                      |                                     | 152   | 39.5                                      | 25.8   |                     | 30.4   |                     | 34.2  |                     | 38.0  |                     | 41.0                                      |
| TJB20-178   |                                      |                                     | 178   | 33.7                                      | 30.3   |                     | 35.6   |                     | 40.1  |                     | 44.5  |                     | 48.1                                      |
| TJB20-203   | 203                                  | 29.6                                | 34.5  | 40.6                                      | 45.7   | 50.8                | 54.8   |                     |   |                     |   |                     |   |
| TJB20-305   | 305                                  | 19.7                                | 51.9  | 61.0                                      | 68.6   | 76.3                | 82.4   |                     |   |                     |   |                     |   |
| TJB25-32    | 25.0<br>+0.84mm<br>-0mm              | 12.5<br>+0mm<br>-0.7mm              | 32  | 312.5                                     | 5.4  | 1,700               | 6.4  | 2,000               | 7.2   | 2,250               | 8.0   | 2,500               | 8.6                                       |
| TJB25-38    |                                      |                                     | 38  | 263.2                                     | 6.5  |                     | 7.6  |                     | 8.6   |                     | 9.5   |                     | 10.3                                      |
| TJB25-44    |                                      |                                     | 44  | 227.3                                     | 7.5  |                     | 8.8  |                     | 9.9   |                     | 11.0  |                     | 11.9                                      |
| TJB25-51    |                                      |                                     | 51  | 196.1                                     | 8.7  |                     | 10.2   |                     | 11.5  |                     | 12.8  |                     | 13.8                                      |
| TJB25-64    |                                      |                                     | 64  | 156.3                                     | 10.9   |                     | 12.8   |                     | 14.4  |                     | 16.0  |                     | 17.3                                      |
| TJB25-76    |                                      |                                     | 76  | 131.6                                     | 12.9   |                     | 15.2   |                     | 17.1  |                     | 19.0  |                     | 20.5                                      |
| TJB25-89    |                                      |                                     | 89  | 112.4                                     | 15.1   |                     | 17.8   |                     | 20.0  |                     | 22.3  |                     | 24.0                                      |
| TJB25-102   |                                      |                                     | 102   | 98.0                                      | 17.3   |                     | 20.4   |                     | 23.0  |                     | 25.5  |                     | 27.5                                      |

ISO 10243



**Materiál:**

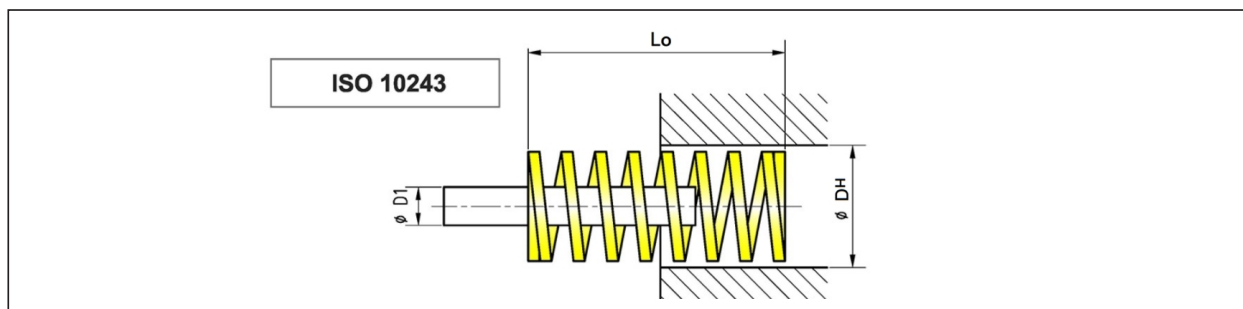
**Objednávacie číslo: COM – TJB** Zliatinová oceľ s chrómom s vysokou pevnosťou v ťahu

Príklad objednania : COM – TJB – DH x  $L_0$

| Model<br>型号 | Hole<br>Diameter<br>孔径<br>DH<br>(mm) | Rod<br>Diameter<br>轴径<br>Dd<br>(mm) | Free<br>Length<br>自由长<br>$L_0$<br>(mm) | Spring<br>Constant<br>弹簧常数<br>R<br>(N/mm) | Free length × 17.0%<br>3,000,000 cycles<br>自由长 × 17.0% 300万次 |                      | Free length × 20.0%<br>1,500,000 cycles<br>自由长 × 20.0% 150万次 |                      | Free length × 22.5%<br>500,000 cycles<br>自由长 × 22.5% 50万次 |                      | Free length × 25.0%<br>200,000 cycles<br>自由长 × 25.0% 20万次 |                      | Warning<br>Cannot be used<br>不可使用<br>(mm) |
|-------------|--------------------------------------|-------------------------------------|--|---|--|----------------------|--|----------------------|---|----------------------|---|----------------------|---|
|             |                                      |                                     |  |   | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N[kgf] |   |
| TJB25-115   | 25.0<br>+0.84mm<br>-0mm              | 12.5<br>+0mm<br>-0.7mm              | 115                                    | 87.0                                      | 19.6   | 1,700                | 23.0   | 2,000                | 25.9  | 2,250                | 28.8  | 2,500                | 31.1                                      |
| TJB25-127   |                                      |                                     | 127                                    | 78.7                                      | 21.6   |                      | 25.4   |                      | 28.6  |                      | 31.8  |                      | 34.3                                      |
| TJB25-139   |                                      |                                     | 139                                    | 71.9                                      | 23.6   |                      | 27.8   |                      | 31.3  |                      | 34.8  |                      | 37.5                                      |
| TJB25-152   |                                      |                                     | 152                                    | 65.8                                      | 25.8   |                      | 30.4   |                      | 34.2  |                      | 38.0  |                      | 41.0                                      |
| TJB25-178   |                                      |                                     | 178                                    | 56.2                                      | 30.3   |                      | 35.6   |                      | 40.1  |                      | 44.5  |                      | 48.1                                      |
| TJB25-203   |                                      |                                     | 203                                    | 49.3                                      | 34.5   |                      | 40.6   |                      | 45.7  |                      | 50.8  |                      | 54.8                                      |
| TJB25-229   |                                      |                                     | 229                                    | 43.7                                      | 38.9   |                      | 45.8   |                      | 51.5  |                      | 57.3  |                      | 61.8                                      |
| TJB25-305   |                                      |                                     | 305                                    | 32.8                                      | 51.9   |                      | 61.0   |                      | 68.6  |                      | 76.3  |                      | 82.4                                      |
| TJB32-38    | 32.0<br>+1mm<br>-0mm                 | 16.0<br>+0mm<br>-0.7mm              | 38                                     | 421.1                                     | 6.5  | 2,720                | 7.6  | 3,200                | 8.6   | 3,600                | 9.5   | 4,000                | 10.3                                      |
| TJB32-44    |                                      |                                     | 44                                     | 363.6                                     | 7.5  |                      | 8.8  |                      | 9.9   |                      | 11.0  |                      | 11.9                                      |
| TJB32-51    |                                      |                                     | 51                                     | 313.7                                     | 8.7  |                      | 10.2   |                      | 11.5  |                      | 12.8  |                      | 13.8                                      |
| TJB32-64    |                                      |                                     | 64                                     | 250.0                                     | 10.9   |                      | 12.8   |                      | 14.4  |                      | 16.0  |                      | 17.3                                      |
| TJB32-76    |                                      |                                     | 76                                     | 210.5                                     | 12.9   |                      | 15.2   |                      | 17.1  |                      | 19.0  |                      | 20.5                                      |
| TJB32-89    |                                      |                                     | 89                                     | 179.8                                     | 15.1   |                      | 17.8   |                      | 20.0  |                      | 22.3  |                      | 24.0                                      |
| TJB32-102   |                                      |                                     | 102                                    | 156.9                                     | 17.3   |                      | 20.4   |                      | 23.0  |                      | 25.5  |                      | 27.5                                      |
| TJB32-115   |                                      |                                     | 115                                    | 139.1                                     | 19.6   |                      | 23.0   |                      | 25.9  |                      | 28.8  |                      | 31.1                                      |
| TJB32-127   |                                      |                                     | 127                                    | 126.0                                     | 21.6   |                      | 25.4   |                      | 28.6  |                      | 31.8  |                      | 34.3                                      |
| TJB32-139   |                                      |                                     | 139                                    | 115.1                                     | 23.6   |                      | 27.8   |                      | 31.3  |                      | 34.8  |                      | 37.5                                      |
| TJB32-152   |                                      |                                     | 152                                    | 105.3                                     | 25.8   |                      | 30.4   |                      | 34.2  |                      | 38.0  |                      | 41.0                                      |
| TJB32-178   |                                      |                                     | 178                                    | 89.9                                      | 30.3   |                      | 35.6   |                      | 40.1  |                      | 44.5  |                      | 48.1                                      |
| TJB32-203   |                                      |                                     | 203                                    | 78.8                                      | 34.5   |                      | 40.6   |                      | 45.7  |                      | 50.8  |                      | 54.8                                      |
| TJB32-229   |                                      |                                     | 229                                    | 69.9                                      | 38.9   |                      | 45.8   |                      | 51.5  |                      | 57.3  |                      | 61.8                                      |
| TJB32-254   |                                      |                                     | 254                                    | 63.0                                      | 43.2   |                      | 50.8   |                      | 57.2  |                      | 63.5  |                      | 68.6                                      |
| TJB32-305   |                                      |                                     | 305                                    | 52.5                                      | 51.9   |                      | 61.0   |                      | 68.6  |                      | 76.3  |                      | 82.4                                      |
| TJB40-51    | 40.0<br>+1mm<br>-0mm                 | 20.0<br>+0mm<br>-0.84mm             | 51                                     | 509.8                                     | 8.7  | 4,420                | 10.2   | 5,200                | 11.5  | 5,850                | 12.8  | 6,500                | 13.8                                      |
| TJB40-64    |                                      |                                     | 64                                     | 406.3                                     | 10.9   |                      | 12.8   |                      | 14.4  |                      | 16.0  |                      | 17.3                                      |
| TJB40-76    |                                      |                                     | 76                                     | 342.1                                     | 12.9   |                      | 15.2   |                      | 17.1  |                      | 19.0  |                      | 20.5                                      |
| TJB40-89    |                                      |                                     | 89                                     | 292.1                                     | 15.1   |                      | 17.8   |                      | 20.0  |                      | 22.3  |                      | 24.0                                      |
| TJB40-102   |                                      |                                     | 102                                    | 254.9                                     | 17.3   |                      | 20.4   |                      | 23.0  |                      | 25.5  |                      | 27.5                                      |
| TJB40-115   |                                      |                                     | 115                                    | 226.1                                     | 19.6   |                      | 23.0   |                      | 25.9  |                      | 28.8  |                      | 31.1                                      |
| TJB40-127   |                                      |                                     | 127                                    | 204.7                                     | 21.6   |                      | 25.4   |                      | 28.6  |                      | 31.8  |                      | 34.3                                      |
| TJB40-139   |                                      |                                     | 139                                    | 187.1                                     | 23.6   |                      | 27.8   |                      | 31.3  |                      | 34.8  |                      | 37.5                                      |
| TJB40-152   |                                      |                                     | 152                                    | 171.1                                     | 25.8   |                      | 30.4   |                      | 34.2  |                      | 38.0  |                      | 41.0                                      |
| TJB40-178   |                                      |                                     | 178                                    | 146.1                                     | 30.3   |                      | 35.6   |                      | 40.1  |                      | 44.5  |                      | 48.1                                      |
| TJB40-203   |                                      |                                     | 203                                    | 128.1                                     | 34.5   |                      | 40.6   |                      | 45.7  |                      | 50.8  |                      | 54.8                                      |
| TJB40-229   |                                      |                                     | 229                                    | 113.5                                     | 38.9   |                      | 45.8   |                      | 51.5  |                      | 57.3  |                      | 61.8                                      |
| TJB40-254   |                                      |                                     | 254                                    | 102.4                                     | 43.2   |                      | 50.8   |                      | 57.2  |                      | 63.5  |                      | 68.6                                      |
| TJB40-305   |                                      |                                     | 305                                    | 85.2                                      | 51.9   |                      | 61.0   |                      | 68.6  |                      | 76.3  |                      | 82.4                                      |



ISO 10243



**Materiál:**

**Objednávacie číslo: COM – TJB**

Zliatinová oceľ s chrómom s vysokou pevnosťou v ťahu

Príklad objednania : COM – TJB – DH x L<sub>0</sub>

| Model<br>型号 | Hole<br>Diameter<br>孔径<br>DH<br>(mm) | Rod<br>Diameter<br>轴径<br>Dd<br>(mm) | Free<br>Length<br>自由长<br>L <sub>0</sub><br>(mm) | Spring<br>Constant<br>弹簧常数<br>R<br>(N/mm) | Free length × 17.0%<br>3,000,000 cycles<br>自由长 × 17.0% 300万次 |                      | Free length × 20.0%<br>1,500,000 cycles<br>自由长 × 20.0% 150万次 |                      | Free length × 22.5%<br>500,000 cycles<br>自由长 × 22.5% 50万次 |                      | Free length × 25.0%<br>100,000 cycles<br>自由长 × 25.0% 10万次 |                      | Warning<br>Cannot be used<br>不可使用<br>(mm) |
|-------------|--------------------------------------|-------------------------------------|---|---|--|----------------------|--|----------------------|---|----------------------|---|----------------------|---|
|             |                                      |                                     |   |   | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                    | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N[kgf] | Deflection<br>压缩量<br>(mm)                                 | Load<br>负荷<br>N[kgf] |   |
| TJB50-64    | 50.0<br>+1 mm<br>-0 mm               | 25.0<br>+0 mm<br>-0.84 mm           | 64  | 625.0                                     | 10.9   | 6,800                | 12.8   | 8,000                | 14.4  | 9,000                | 16.0  | 10,000               | 17.3                                      |
| TJB50-76    |                                      |                                     | 76  | 526.3                                     | 12.9   |                      | 15.2   |                      | 17.1  |                      | 19.0  |                      | 20.5                                      |
| TJB50-89    |                                      |                                     | 89  | 449.4                                     | 15.1   |                      | 17.8   |                      | 20.0  |                      | 22.3  |                      | 24.0                                      |
| TJB50-102   |                                      |                                     | 102   | 392.2                                     | 17.3   |                      | 20.4   |                      | 23.0  |                      | 25.5  |                      | 27.5                                      |
| TJB50-115   |                                      |                                     | 115   | 347.8                                     | 19.6   |                      | 23.0   |                      | 25.9  |                      | 28.8  |                      | 31.1                                      |
| TJB50-127   |                                      |                                     | 127   | 315.0                                     | 21.6   |                      | 25.4   |                      | 28.6  |                      | 31.8  |                      | 34.3                                      |
| TJB50-139   |                                      |                                     | 139   | 287.8                                     | 23.6   |                      | 27.8   |                      | 31.3  |                      | 34.8  |                      | 37.5                                      |
| TJB50-152   |                                      |                                     | 152   | 263.2                                     | 25.8   |                      | 30.4   |                      | 34.2  |                      | 38.0  |                      | 41.0                                      |
| TJB50-178   |                                      |                                     | 178   | 224.7                                     | 30.3   |                      | 35.6   |                      | 40.1  |                      | 44.5  |                      | 48.1                                      |
| TJB50-203   |                                      |                                     | 203   | 197.0                                     | 34.5   |                      | 40.6   |                      | 45.7  |                      | 50.8  |                      | 54.8                                      |
| TJB50-229   |                                      |                                     | 229   | 174.7                                     | 38.9   |                      | 45.8   |                      | 51.5  |                      | 57.3  |                      | 61.8                                      |
| TJB50-254   |                                      |                                     | 254   | 157.5                                     | 43.2   |                      | 50.8   |                      | 57.2  |                      | 63.5  |                      | 68.6                                      |
| TJB50-305   |                                      |                                     | 305   | 131.1                                     | 51.9   |                      | 61.0   |                      | 68.6  |                      | 76.3  |                      | 82.4                                      |
| TJB63-76    | 63.0<br>+1.2 mm<br>-0 mm             | 38.0<br>+0 mm<br>-0.1 mm            | 76  | 842.1                                     | 12.9   | 10,880               | 15.2   | 12,800               | 17.1  | 14,400               | *   | 16,000               | 18.6                                      |
| TJB63-89    |                                      |                                     | 89  | 719.1                                     | 15.1   |                      | 17.8   |                      | 20.0  |                      | *   |                      | 21.8                                      |
| TJB63-102   |                                      |                                     | 102   | 627.5                                     | 17.3   |                      | 20.4   |                      | 23.0  |                      | 25.5  |                      | 27.5                                      |
| TJB63-115   |                                      |                                     | 115   | 556.5                                     | 19.6   |                      | 23.0   |                      | 25.9  |                      | 28.8  |                      | 31.1                                      |
| TJB63-127   |                                      |                                     | 127   | 503.9                                     | 21.6   |                      | 25.4   |                      | 28.6  |                      | 31.8  |                      | 34.3                                      |
| TJB63-152   |                                      |                                     | 152   | 421.1                                     | 25.8   |                      | 30.4   |                      | 34.2  |                      | 38.0  |                      | 41.0                                      |
| TJB63-178   |                                      |                                     | 178   | 359.6                                     | 30.3   |                      | 35.6   |                      | 40.1  |                      | 44.5  |                      | 48.1                                      |
| TJB63-203   |                                      |                                     | 203   | 315.3                                     | 34.5   |                      | 40.6   |                      | 45.7  |                      | 50.8  |                      | 54.8                                      |
| TJB63-229   |                                      |                                     | 229   | 279.5                                     | 38.9   |                      | 45.8   |                      | 51.5  |                      | 57.3  |                      | 61.8                                      |
| TJB63-254   |                                      |                                     | 254   | 252.0                                     | 43.2   |                      | 50.8   |                      | 57.2  |                      | 63.5  |                      | 68.6                                      |
| TJB63-305   |                                      |                                     | 305   | 209.8                                     | 51.9   |                      | 61.0   |                      | 68.6  |                      | 76.3  |                      | 82.4                                      |