



| TLR | | | | | |
|-----|------------|--------|--------|------|----|
| 外徑D | 內徑d | 自由長 | | 荷重 | 旋向 |
| | | 50mm以下 | 55mm以上 | | |
| 參考值 | +0.7 -0 | ±0.5 | ±1% | ±10% | 右 |

| 材質 | 顏色 |
|-------|----|
| 砂銻合金鋼 | 水藍 |

| 品號 | | D | d | L | 定數 | F=L×36% | | F=L×40% | | F=L×45% | | 庫存 |
|------|--------|----------|----------|-----------|-------|-----------|---------|-----------|---------|-----------|---------|----|
| Type | D - L | 外徑 mm | 內徑 mm | 自由長 mm | N/mm | 壓縮量 mm | 荷重 N | 壓縮量 mm | 荷重 N | 壓縮量 mm | 荷重 N | |
| TLR | 30-030 | (30) | 16 | 30 | 65.41 | 10.8 | 706 | 12.0 | 785 | 13.5 | 883 | • |
| | 035 | | | 35 | 56.06 | 12.6 | | 14.0 | | 15.8 | | • |
| | 040 | | | 40 | 49.06 | 14.4 | | 16.0 | | 18.0 | | • |
| | 045 | | | 45 | 43.60 | 16.2 | | 18.0 | | 20.3 | | • |
| | 050 | | | 50 | 39.24 | 18.0 | | 20.0 | | 22.5 | | • |
| | 055 | | | 55 | 35.68 | 19.8 | | 22.0 | | 24.8 | | • |
| | 060 | | | 60 | 32.70 | 21.6 | | 24.0 | | 27.0 | | • |
| | 065 | | | 65 | 30.19 | 23.4 | | 26.0 | | 29.3 | | • |
| | 070 | | | 70 | 28.03 | 25.2 | | 28.0 | | 31.5 | | • |
| | 075 | | | 75 | 26.16 | 27.0 | | 30.0 | | 33.8 | | • |
| | 080 | | | 80 | 24.53 | 28.8 | | 32.0 | | 36.0 | | • |
| | 090 | | | 90 | 21.80 | 32.4 | | 36.0 | | 40.5 | | • |
| | 100 | | | 100 | 19.62 | 36.0 | | 40.0 | | 45.0 | | • |
| | 125 | | | 125 | 15.70 | 45.0 | | 50.0 | | 56.3 | | • |
| | 150 | | | 150 | 13.08 | 54.0 | | 60.0 | | 67.5 | | • |
| 175 | 175 | 11.21 | 63.0 | 70.0 | 78.8 | • | | | | | | |
| 使用回數 | | | | | | 100萬回 | | 50萬回 | | 30萬回 | | |

| 品號 | | D | d | L | 定數 | F=L×40% | | F=L×45% | | F=L×50% | | 庫存 |
|------|--------|----------|----------|-----------|-------|-----------|---------|-----------|---------|-----------|---------|----|
| Type | D - L | 外徑 mm | 內徑 mm | 自由長 mm | N/mm | 壓縮量 mm | 荷重 N | 壓縮量 mm | 荷重 N | 壓縮量 mm | 荷重 N | |
| TLR | 35-040 | (35) | 20 | 40 | 52.95 | 16.0 | 874 | 18.0 | 953 | 20.0 | 1059 | • |
| | 045 | | | 45 | 47.07 | 18.0 | | 20.3 | | 22.5 | | • |
| | 050 | | | 50 | 42.63 | 20.0 | | 22.5 | | 25.0 | | • |
| | 055 | | | 55 | 38.51 | 22.0 | | 24.8 | | 27.5 | | • |
| | 060 | | | 60 | 35.30 | 24.0 | | 27.0 | | 30.0 | | • |
| | 065 | | | 65 | 32.58 | 26.0 | | 29.3 | | 32.5 | | • |
| | 070 | | | 70 | 30.26 | 28.0 | | 31.5 | | 35.0 | | • |
| | 075 | | | 75 | 28.24 | 30.0 | | 33.8 | | 37.5 | | • |
| | 080 | | | 80 | 26.48 | 32.0 | | 36.0 | | 40.0 | | • |
| | 090 | | | 90 | 23.53 | 36.0 | | 40.5 | | 45.0 | | • |
| | 100 | | | 100 | 21.18 | 40.0 | | 45.0 | | 50.0 | | • |
| | 125 | | | 125 | 16.94 | 50.0 | | 56.3 | | 62.5 | | • |
| | 150 | | | 150 | 14.12 | 60.0 | | 67.5 | | 75.0 | | • |
| | 175 | | | 175 | 12.10 | 70.0 | | 78.8 | | 87.5 | | • |
| | 200 | | | 200 | 10.59 | 80.0 | | 90.0 | | 100.0 | | • |
| 使用回數 | | | | | | 100萬回 | | 50萬回 | | 30萬回 | | |

| 品 號 | | D | d | L | 定數 | F=L×32% | | F=L×36% | | F=L×40% | | 庫 存 |
|------|--------|----------|----------|-----------|--------|-----------|---------|-----------|---------|-----------|---------|-----|
| Type | D - L | 外徑 mm | 內徑 mm | 自由長 mm | N/mm | 壓縮量 mm | 荷重 N | 壓縮量 mm | 荷重 N | 壓縮量 mm | 荷重 N | |
| TLR | 40-050 | (40) | 26 | 50 | 84.85 | 16.0 | 1358 | 18.0 | 1527 | 20.0 | 1697 | • |
| | 060 | | | 60 | 70.71 | 19.2 | | 21.6 | | 24.0 | | • |
| | 070 | | | 70 | 60.61 | 22.4 | | 25.2 | | 28.0 | | • |
| | 080 | | | 80 | 53.03 | 25.6 | | 28.8 | | 32.0 | | • |
| | 090 | | | 90 | 47.14 | 28.8 | | 32.4 | | 36.0 | | • |
| | 100 | | | 100 | 42.43 | 32.0 | | 36.0 | | 40.0 | | • |
| | 125 | | | 125 | 33.94 | 40.0 | | 45.0 | | 50.0 | | • |
| | 150 | | | 150 | 28.28 | 48.0 | | 54.0 | | 60.0 | | • |
| | 175 | | | 175 | 24.24 | 56.0 | | 63.0 | | 70.0 | | • |
| | 200 | | | 200 | 21.21 | 64.0 | | 72.0 | | 80.0 | | • |
| 250 | 250 | 16.97 | 80.0 | 90.0 | 100.0 | • | | | | | | |
| TLR | 50-060 | (50) | 30 | 60 | 106.25 | 19.2 | 2040 | 21.6 | 2297 | 24.0 | 2550 | • |
| | 070 | | | 70 | 91.07 | 22.4 | | 25.2 | | 28.0 | | • |
| | 080 | | | 80 | 79.69 | 25.6 | | 28.8 | | 32.0 | | • |
| | 090 | | | 90 | 70.83 | 28.8 | | 32.4 | | 36.0 | | • |
| | 100 | | | 100 | 63.75 | 32.0 | | 36.0 | | 40.0 | | • |
| | 125 | | | 125 | 51.00 | 40.0 | | 45.0 | | 50.0 | | • |
| | 150 | | | 150 | 42.50 | 48.0 | | 54.0 | | 60.0 | | • |
| | 175 | | | 175 | 36.43 | 56.0 | | 63.0 | | 70.0 | | • |
| | 200 | | | 200 | 31.88 | 64.0 | | 72.0 | | 80.0 | | • |
| | 250 | | | 250 | 25.50 | 80.0 | | 90.0 | | 100.0 | | • |
| | 300 | | | 300 | 21.25 | 96.0 | | 108.0 | | 120.0 | | • |
| | 350 | | | 350 | 18.21 | 112.0 | | 126.0 | | 140.0 | | • |
| | 400 | | | 400 | 15.94 | 128.0 | | 144.0 | | 160.0 | | • |
| | 450 | | | 450 | 14.17 | 144.0 | | 162.0 | | 180.0 | | • |
| 500 | 500 | 12.75 | 160.0 | 180.0 | 200.0 | • | | | | | | |
| TLR | 60-070 | (60) | 35 | 70 | 128.89 | 22.4 | 2887 | 25.2 | 3248 | 28.0 | 3609 | • |
| | 080 | | | 80 | 112.78 | 25.6 | | 28.8 | | 32.0 | | • |
| | 090 | | | 90 | 100.25 | 28.8 | | 32.4 | | 36.0 | | • |
| | 100 | | | 100 | 90.23 | 32.0 | | 36.0 | | 40.0 | | • |
| | 125 | | | 125 | 72.18 | 40.0 | | 45.0 | | 50.0 | | • |
| | 150 | | | 150 | 60.15 | 48.0 | | 54.0 | | 60.0 | | • |
| | 175 | | | 175 | 51.56 | 56.0 | | 63.0 | | 70.0 | | • |
| | 200 | | | 200 | 45.11 | 64.0 | | 72.0 | | 80.0 | | • |
| | 250 | | | 250 | 36.09 | 80.0 | | 90.0 | | 100.0 | | • |
| | 300 | | | 300 | 30.08 | 96.0 | | 108.0 | | 120.0 | | • |
| | 350 | | | 350 | 25.78 | 112.0 | | 126.0 | | 140.0 | | • |
| | 400 | | | 400 | 22.56 | 128.0 | | 144.0 | | 160.0 | | • |
| | 450 | | | 450 | 20.05 | 144.0 | | 162.0 | | 180.0 | | • |
| | 500 | | | 500 | 18.05 | 160.0 | | 180.0 | | 200.0 | | • |
| 使用回數 | | | | | | 100萬回 | | 50萬回 | | 30萬回 | | |

PS. 備註

- ・荷重(N)=定數(N/mm)×壓縮量(mm)
- ・耐熱溫度150°C
- ・彈簧導銷請參考本單元RG，PGC，PGA
- ・1N=0.101972kgf

訂貨： 交期： 天

TLR40-050