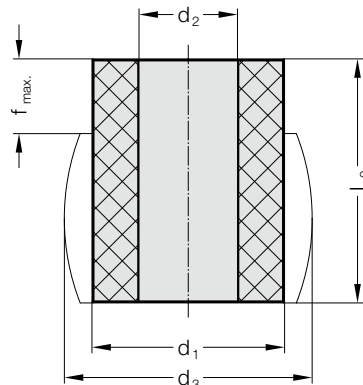


FIBROFLEX®-TUBULAR SPRING ELEMENT 95 SHORE A, TO DIN ISO 10069-1



246.7.



Description:

FIBROFLEX® Spring Elements are made from highly elastic polyurethane elastomers. Shore hardness is the most significant rating of the various FIBROFLEX®-Elements. Shore hardness ratings are symbolized by distinctive colour coding.

Correct selection of Shore hardness has a fundamental bearing on the success of FIBROFLEX®-applications.

Material:

Polyurethan 95 Shore A
Colour: red

Note:

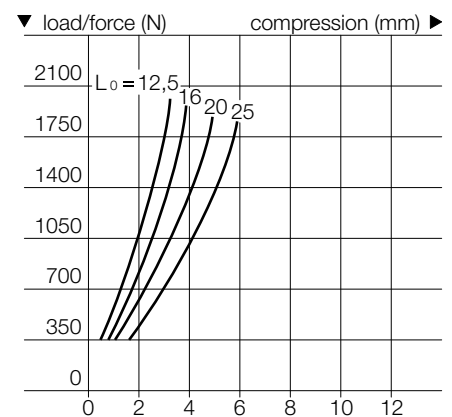
The physical properties of polyurethane elastomers means that they have a tendency to settle. The extent of such settlement is dependent on the internal heat of friction, speed and number of load changes, the spring travel and the Shore hardness.

Settlement may be as much as 4 to 7% of the spring length L_0 .

246.7. FIBROFLEX®-Tubular spring element 95 Shore A, to DIN ISO 10069-1

| Order No | d ₁ | L ₀ | d ₂ | d ₃ | f max. | F max. [N] | Order No | d ₁ | L ₀ | d ₂ | d ₃ | f max. | F max. [N] |
|---------------|----------------|----------------|----------------|----------------|--------|------------|---------------|----------------|----------------|----------------|----------------|--------|------------|
| 246.7.016.012 | 16 | 12.5 | 6.5 | 21 | 3.1 | 2,000 | 246.7.063.100 | 63 | 100 | 17 | 81 | 25 | 31,800 |
| 246.7.016.016 | 16 | 16 | 6.5 | 21 | 4 | 1,920 | 246.7.063.125 | 63 | 125 | 17 | 81 | 31.2 | 31,600 |
| 246.7.016.020 | 16 | 20 | 6.5 | 21 | 5 | 1,900 | 246.7.080.032 | 80 | 32 | 21 | 104 | 8 | 62,500 |
| 246.7.016.025 | 16 | 25 | 6.5 | 21 | 6.2 | 1,870 | 246.7.080.040 | 80 | 40 | 21 | 104 | 10 | 59,000 |
| 246.7.020.016 | 20 | 16 | 8.5 | 26 | 4 | 3,050 | 246.7.080.050 | 80 | 50 | 21 | 104 | 12.5 | 58,000 |
| 246.7.020.020 | 20 | 20 | 8.5 | 26 | 5 | 3,000 | 246.7.080.063 | 80 | 63 | 21 | 104 | 15.7 | 55,000 |
| 246.7.020.025 | 20 | 25 | 8.5 | 26 | 6.2 | 2,980 | 246.7.080.080 | 80 | 80 | 21 | 104 | 20 | 54,000 |
| 246.7.020.032 | 20 | 32 | 8.5 | 26 | 8 | 2,950 | 246.7.080.100 | 80 | 100 | 21 | 104 | 25 | 53,000 |
| 246.7.025.020 | 25 | 20 | 10.5 | 32 | 5 | 5,100 | 246.7.080.125 | 80 | 125 | 21 | 104 | 31.2 | 52,000 |
| 246.7.025.025 | 25 | 25 | 10.5 | 32 | 6.2 | 5,080 | 246.7.100.032 | 100 | 32 | 21 | 130 | 8 | 110,000 |
| 246.7.025.032 | 25 | 32 | 10.5 | 32 | 8 | 5,020 | 246.7.100.040 | 100 | 40 | 21 | 130 | 10 | 102,500 |
| 246.7.025.040 | 25 | 40 | 10.5 | 32 | 10 | 5,000 | 246.7.100.050 | 100 | 50 | 21 | 130 | 12.5 | 95,000 |
| 246.7.032.032 | 32 | 32 | 13.5 | 42 | 8 | 7,600 | 246.7.100.063 | 100 | 63 | 21 | 130 | 15.7 | 92,000 |
| 246.7.032.040 | 32 | 40 | 13.5 | 42 | 10 | 7,500 | 246.7.100.080 | 100 | 80 | 21 | 130 | 20 | 89,000 |
| 246.7.032.050 | 32 | 50 | 13.5 | 42 | 12 | 7,480 | 246.7.100.100 | 100 | 100 | 21 | 130 | 25 | 87,000 |
| 246.7.032.063 | 32 | 63 | 13.5 | 42 | 15.7 | 7,450 | 246.7.100.125 | 100 | 125 | 21 | 130 | 31.2 | 86,000 |
| 246.7.040.032 | 40 | 32 | 13.5 | 52 | 8 | 13,000 | 246.7.125.032 | 125 | 32 | 27 | 160 | 8 | 178,000 |
| 246.7.040.040 | 40 | 40 | 13.5 | 52 | 10 | 12,700 | 246.7.125.040 | 125 | 40 | 27 | 160 | 10 | 168,000 |
| 246.7.040.050 | 40 | 50 | 13.5 | 52 | 12.5 | 12,500 | 246.7.125.050 | 125 | 50 | 27 | 160 | 12.5 | 157,000 |
| 246.7.040.063 | 40 | 63 | 13.5 | 52 | 15.7 | 12,450 | 246.7.125.063 | 125 | 63 | 27 | 160 | 15.7 | 150,000 |
| 246.7.040.080 | 40 | 80 | 13.5 | 52 | 20 | 12,430 | 246.7.125.080 | 125 | 80 | 27 | 160 | 20 | 142,000 |
| 246.7.050.032 | 50 | 32 | 17 | 65 | 8 | 21,000 | 246.7.125.100 | 125 | 100 | 27 | 160 | 25 | 135,000 |
| 246.7.050.040 | 50 | 40 | 17 | 65 | 10 | 20,100 | 246.7.125.125 | 125 | 125 | 27 | 160 | 31.2 | 133,000 |
| 246.7.050.050 | 50 | 50 | 17 | 65 | 12.5 | 19,600 | 246.7.125.160 | 125 | 160 | 27 | 160 | 40 | 130,000 |
| 246.7.050.063 | 50 | 63 | 17 | 65 | 15.7 | 19,200 | | | | | | | |
| 246.7.050.080 | 50 | 80 | 17 | 65 | 20 | 19,100 | | | | | | | |
| 246.7.050.100 | 50 | 100 | 17 | 65 | 25 | 19,050 | | | | | | | |
| 246.7.063.032 | 63 | 32 | 17 | 81 | 8 | 37,000 | | | | | | | |
| 246.7.063.040 | 63 | 40 | 17 | 81 | 10 | 35,900 | | | | | | | |
| 246.7.063.050 | 63 | 50 | 17 | 81 | 12.5 | 34,000 | | | | | | | |
| 246.7.063.063 | 63 | 63 | 17 | 81 | 15.7 | 33,000 | | | | | | | |
| 246.7.063.080 | 63 | 80 | 17 | 81 | 20 | 32,000 | | | | | | | |

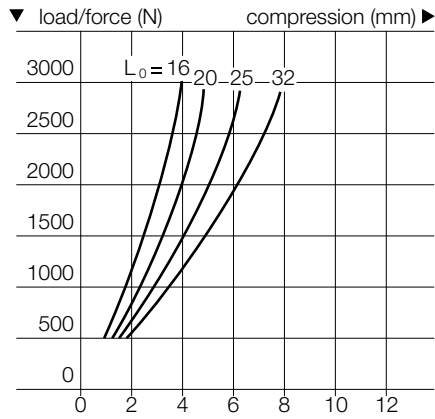
246.7.016.
Ø 16/95 Shore A



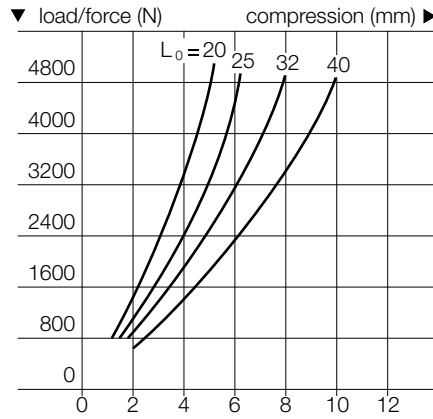


FIBROFLEX®-TUBULAR SPRING ELEMENT 95 SHORE A, TO DIN ISO 10069-1

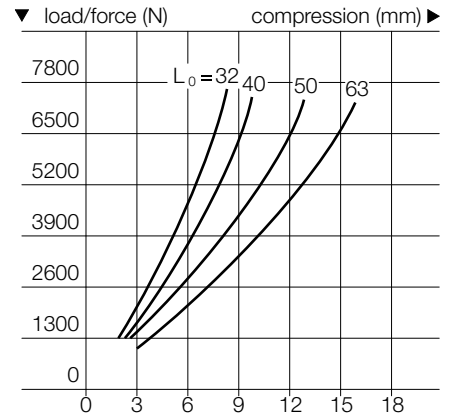
246.7.020.
Ø 20/95 Shore A



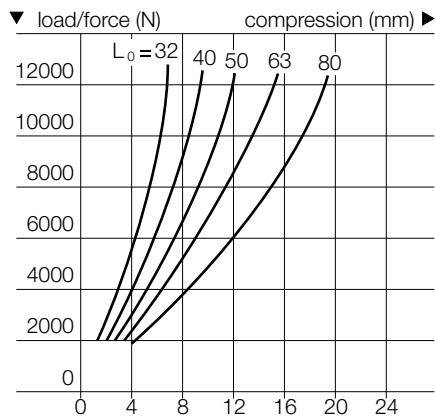
246.7.025.
Ø 25/95 Shore A



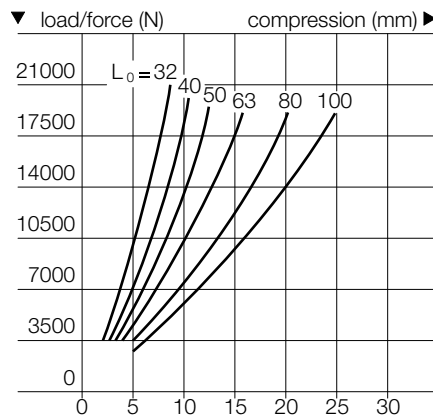
246.7.032.
Ø 32/95 Shore A



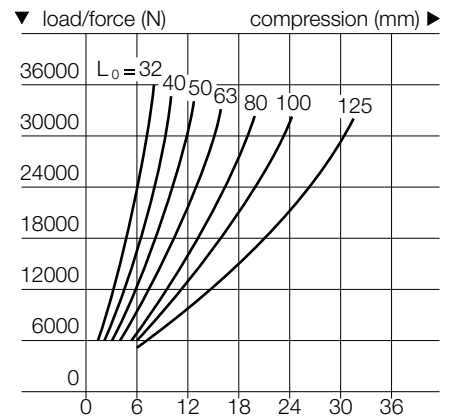
246.7.040.
Ø 40/95 Shore A



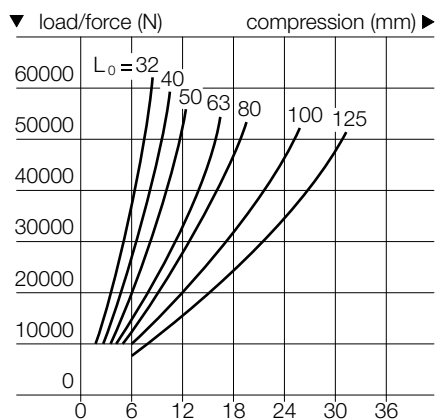
246.7.050.
Ø 50/95 Shore A



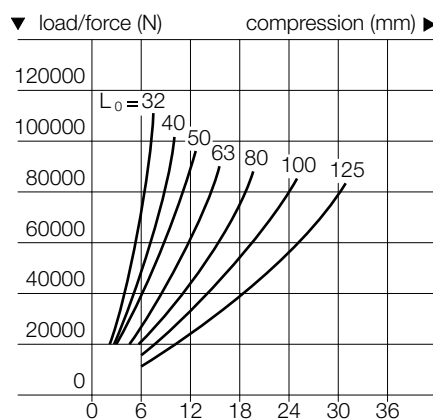
246.7.063.
Ø 63/95 Shore A



246.7.080.
Ø 80/95 Shore A



246.7.100.
Ø 100/95 Shore A



246.7.125.
Ø 125/95 Shore A

