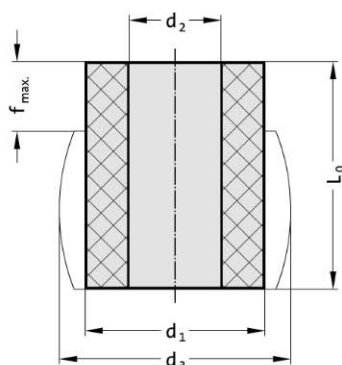


## FIBROFLEX®-Tubular spring element 90 Shore A, to DIN ISO 10069-1



246.6.



### 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 90 Shore A  
Colour: yellow

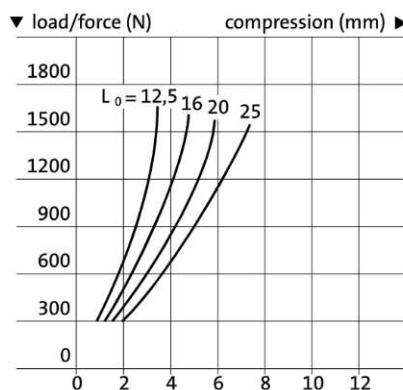
### Note:

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  $L_0$ .

### 246.6. FIBROFLEX®-Tubular spring element 90 Shore A, to DIN ISO 10069-1

Order No	d <sub>1</sub>	L <sub>0</sub>	d <sub>2</sub>	d <sub>3</sub>	f max.	F max. [N]	Order No	d <sub>1</sub>	L <sub>0</sub>	d <sub>2</sub>	d <sub>3</sub>	f max.	F max. [N]
246.6.016.012	16	12.5	6.5	21	3.6	1680	246.6.100.080	100	80	21	130	24	75000
246.6.016.016	16	16	6.5	21	4.8	1650	246.6.100.100	100	100	21	130	30	73000
246.6.016.020	16	20	6.5	21	6	1620	246.6.100.125	100	125	21	130	37.5	71000
246.6.016.025	16	25	6.5	21	7.5	1580	246.6.125.032	125	32	27	160	9.6	150000
246.6.020.016	20	16	8.5	26	4.8	2600	246.6.125.040	125	40	27	160	12	142500
246.6.020.020	20	20	8.5	26	6	2550	246.6.125.050	125	50	27	160	15	132000
246.6.020.025	20	25	8.5	26	7.5	2530	246.6.125.063	125	63	27	160	18.9	125000
246.6.020.032	20	32	8.5	26	9.6	2500	246.6.125.080	125	80	27	160	24	118000
246.6.025.020	25	20	10.5	32	6	4300	246.6.125.100	125	100	27	160	30	115000
246.6.025.025	25	25	10.5	32	7.5	4200	246.6.125.125	125	125	27	160	37.5	113000
246.6.025.032	25	32	10.5	32	9.6	4150	246.6.125.160	125	160	27	160	48	111300
246.6.025.040	25	40	10.5	32	12	4120							
246.6.032.032	32	32	13.5	42	9.6	6400							
246.6.032.040	32	40	13.5	42	12	6350							
246.6.032.050	32	50	13.5	42	15	6300							
246.6.032.063	32	63	13.5	42	18.9	6250							
246.6.040.032	40	32	13.5	52	9.6	11000							
246.6.040.040	40	40	13.5	52	12	10900							
246.6.040.050	40	50	13.5	52	15	10800							
246.6.040.063	40	63	13.5	52	18.9	10750							
246.6.040.080	40	80	13.5	52	24	10700							
246.6.050.032	50	32	17	65	9.6	17400							
246.6.050.040	50	40	17	65	12	17300							
246.6.050.050	50	50	17	65	15	17000							
246.6.050.063	50	63	17	65	18.9	16650							
246.6.050.080	50	80	17	65	24	16500							
246.6.050.100	50	100	17	65	30	16400							
246.6.063.032	63	32	17	81	9.6	30100							
246.6.063.040	63	40	17	81	12	29500							
246.6.063.050	63	50	17	81	15	28900							
246.6.063.063	63	63	17	81	18.9	28000							
246.6.063.080	63	80	17	81	24	27500							
246.6.063.100	63	100	17	81	30	27300							
246.6.063.125	63	125	17	81	37.5	26800							
246.6.080.032	80	32	21	104	9.6	53000							
246.6.080.040	80	40	21	104	12	50500							
246.6.080.050	80	50	21	104	15	48000							
246.6.080.063	80	63	21	104	18.9	46500							
246.6.080.080	80	80	21	104	24	45500							
246.6.080.100	80	100	21	104	30	44900							
246.6.080.125	80	125	21	104	37.5	44000							
246.6.100.032	100	32	21	130	9.6	90000							
246.6.100.040	100	40	21	130	12	84800							
246.6.100.050	100	50	21	130	15	81000							
246.6.100.063	100	63	21	130	18.9	78000							

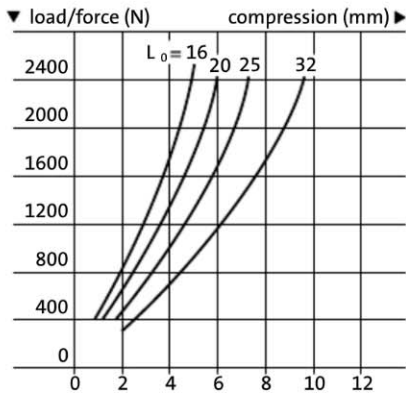
### 246.6.016. Ø 16/90 Shore A



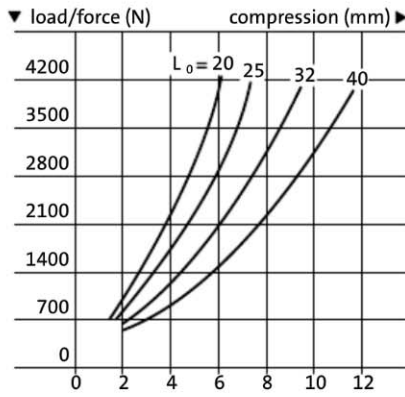


# FIBROFLEX®-Tubular Spring Elements 90 Shore A

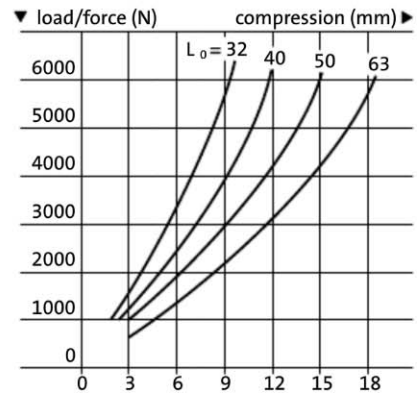
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Ø 20/90 Shore A



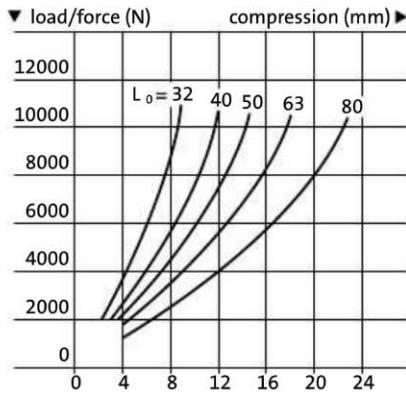
246.6.025.  
Ø 25/90 Shore A



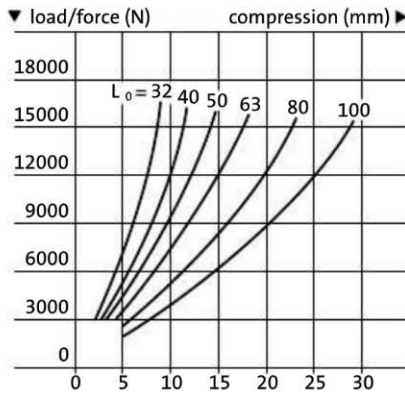
246.6.032.  
Ø 32/90 Shore A



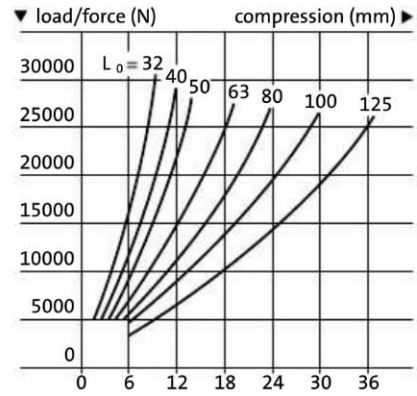
246.6.040.  
Ø 40/90 Shore A



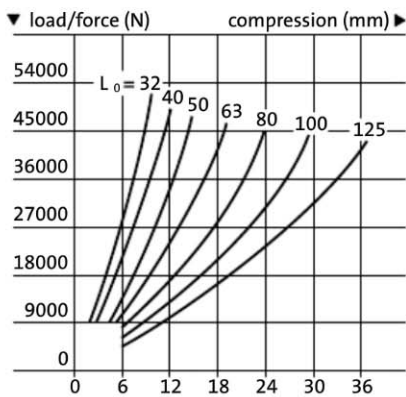
246.6.050.  
Ø 50/90 Shore A



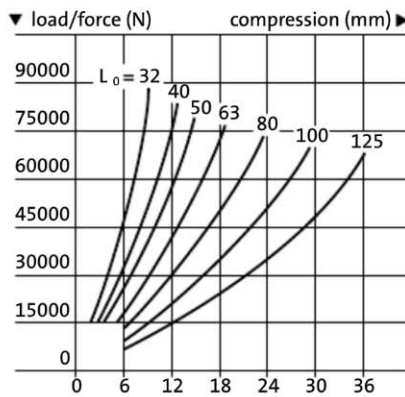
246.6.063.  
Ø 63/90 Shore A



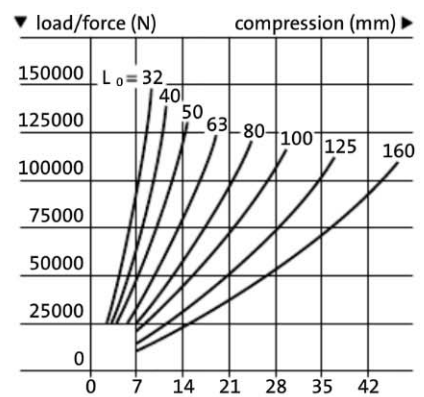
246.6.080.  
Ø 80/90 Shore A



246.6.100.  
Ø 100/90 Shore A



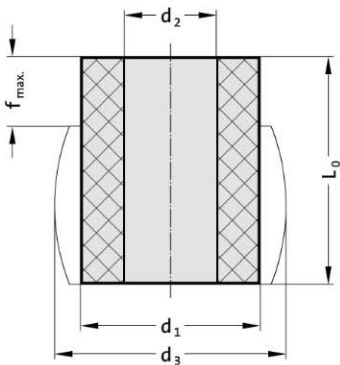
246.6.125.  
Ø 125/90 Shore A





# FIBROFLEX®-Tubular spring element

246.6.



## 246.6. FIBROFLEX®-Tubular spring element

**Material:**  
 Polyurethan 90 Shore A  
 Colour: yellow

Order No	$d_1$	$d_2$	$d_3$	$l_0$	$f_{max}$
246.6.063.033.080	63	33	82	80	24
246.6.080.033.080	80	33	106	80	24

## Mounting example

Clamping pad cushioning

