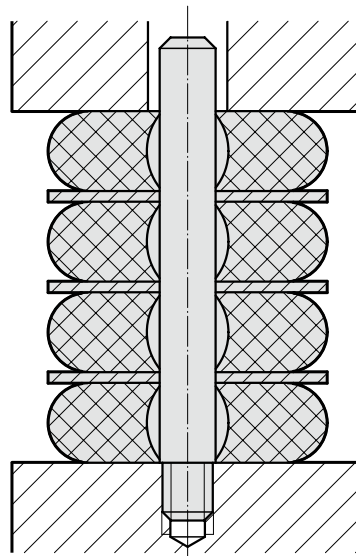


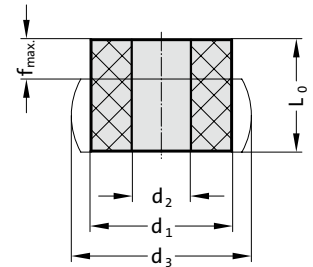
FIBROFLEX®-ELASTOMER SPRING FOR FIBROFLEX®-SPRING SYSTEM



Mounting example



244.1.



Description:

FIBROFLEX® Spring Systems represent a finely graded range of elastomer spring units (material: polyurethane) exhibiting particular suitability for all stamping dies and related tools.

The 244.-Systems comprise FIBROFLEX® Spring Elements 244.1., available in three Shore hardnesses. With the aid of Stacking Washers 244.4. and Guide Pins 244.5., the elements can be stacked.

Note that stacking with interposed stacking washers results in the addition of the individual spring deflections – without addition of the spring forces.

Note:

☞ Physical and chemical properties of FIBROFLEX®-Elastomer – see at the beginning of chapter G.
Dowel pins (235./2351.1.) or guide pins (244.5.), recommended for stacks higher than $1,5 \times d_2$.

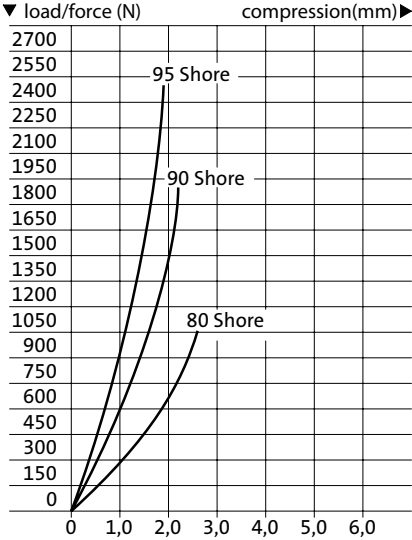
244.1. FIBROFLEX®-Elastomer spring for FIBROFLEX®-Spring system

Order No	Spring hardness	d ₁	d ₂	d ₃	L ₀	f max.	F max. [N]
244.1.16.5	80 Shore A	16	6.5	20	7.5	2.6	1,060
244.1.20.5	80 Shore A	20	8.5	26	10	3.5	1,580
244.1.25.5	80 Shore A	25	10.5	32	12.5	4.3	2,670
244.1.32.5	80 Shore A	32	13.5	40	15	5.2	4,500
244.1.40.5	80 Shore A	40	13.5	50	17.5	6.1	7,200
244.1.16.6	90 Shore A	16	6.5	20	7.5	2.2	1,900
244.1.20.6	90 Shore A	20	8.5	26	10	3	2,650
244.1.25.6	90 Shore A	25	10.5	32	12.5	3.7	4,400
244.1.32.6	90 Shore A	32	13.5	40	15	4.5	6,550
244.1.40.6	90 Shore A	40	13.5	50	17.5	5.2	11,200
244.1.16.7	95 Shore A	16	6.5	20	7.5	1.9	2,500
244.1.20.7	95 Shore A	20	8.5	26	10	2.5	3,500
244.1.25.7	95 Shore A	25	10.5	32	12.5	3.1	4,500
244.1.32.7	95 Shore A	32	13.5	40	15	3.9	7,800
244.1.40.7	95 Shore A	40	13.5	50	17.5	4.4	13,500

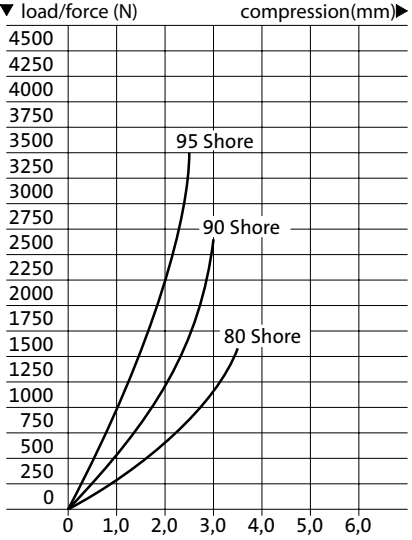


FIBROFLEX®-ELASTOMER SPRING FOR FIBROFLEX®-SPRING SYSTEM

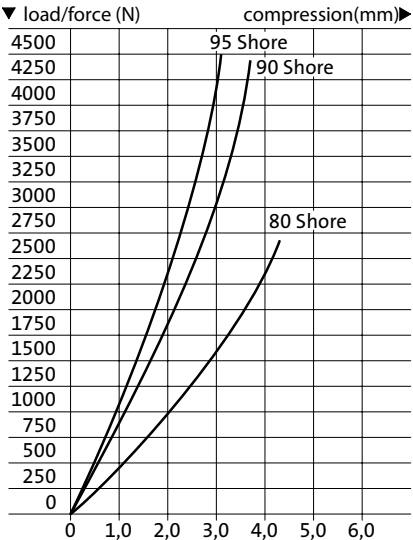
244.1.16. – ø 16



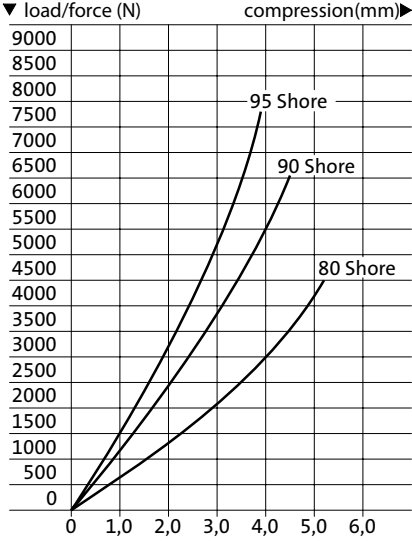
244.1.20. – ø 20



244.1.25. – ø 25



244.1.32. – ø 32



244.1.40. – ø 40

