



P+S Polyurethan-Elastomere



DEFORMATION

POWERFUL

VERSATILE

DYNAMIC

MAINTENANCE-FREE

RESISTANT

**Elastomeric springs
compact**

RELIABLE

ESTABLISHED

CONVINCING

SHOCK-ELASTIC

DEFLECTION

TAILOR-MADE



Elastomeric springs compact of Diepothan®

By using springs from our standard range many different problems can be solved!

P+S Elastomer springs are made of a special polyurethan-mixture, which has unique material attributes. In the range of damping you'll earn high level success, by using P+S Elastomer springs. Tools won't be damaged anymore – fatigue of material, like with broken steel springs, you won't have anymore. Our special polyurethan-mixture, exclusively used for producing P+S springs combines excellent mechanical and chemical material characteristics. Thereby long lifetimes can be provided. A high breaking elongation value is reached by excellent abrasion loss value and a necessary elasticity. P+S springs are resistant against certain chemicals and oils.

We have got individual problem-solvings for your machines in the field of damping and springing. Use experience and know-how provided by P+S.



Dim. of springs in (mm)			Item-No. 70 Shore A black	Item-No. 80 Shore A Yellow	Item-No. 90 Shore A Red
Ø D	Ø d	h			
16	6,5	12,5	730161970	730161980	730161990
16	6,5	16	730162970	730162980	730162990
16	6,5	20	730163970	730163980	730163990
16	6,5	25	730164970	730164980	730164990
20	8,5	16	730201970	730201980	730201990
20	8,5	20	730202970	730202980	730202990
20	8,5	25	730203970	730203980	730203990
20	8,5	32	730205970	730204980	730205990
25	10,5	20	730251970	730251980	730251990
25	10,5	25	730252970	730252980	730252990
25	10,5	32	730253970	730253980	730253990
25	10,5	40	730254970	730255980	730254990
32	13,5	32	730321970	730321980	730321990
32	13,5	40	730322970	730322980	730322990
32	13,5	50	730323970	730323980	730323990
32	13,5	63	730327970	730327980	730327990
40	13,5	32	730401970	730401980	730401990
40	13,5	40	730402970	730402980	730402990
40	13,5	50	730403970	730403980	730403990
40	13,5	63	730404970	730404980	730404990
40	13,5	80	730405970	730405980	730405990
50	17	32	730501970	730501980	730501990
50	17	40	730502970	730502980	730502990
50	17	50	730503970	730503980	730503990
50	17	63	730504970	730504980	730504990
50	17	80	730505970	730505980	730505990
50	17	100	730506970	730506980	730506990

Dim. of springs in (mm)			Item-No. 70 Shore A black	Item-No. 80 Shore A yellow	Item-No. 90 Shore A red
Ø D	Ø d	h			
63	17	32	730631970	730631980	730631990
63	17	40	730632970	730632980	730632990
63	17	50	730633970	730633980	730633990
63	17	63	730634970	730634980	730634990
63	17	80	730635970	730635980	730635990
63	17	100	730636970	730636980	730636990
63	17	125	730637970	730637980	730637990
80	21	32	730801970	730801980	730801990
80	21	40	730802970	730802980	730802990
80	21	50	730803970	730803980	730803990
80	21	63	730804970	730804980	730804990
80	21	80	730805970	730805980	730805990
80	21	100	730806970	730806980	730806990
80	21	125	730807970	730807980	730807990
100	21	32	731001970	731001980	731001990
100	21	40	731002970	731002980	731002990
100	21	50	731003970	731003980	731003990
100	21	63	731004970	731004980	731004990
100	21	80	731005970	731005980	731005990
100	21	100	731006970	731006980	731006990
100	21	125	731007970	731007980	731007990
125	27	32	731251970	731251980	731251990
125	27	40	731252970	731252980	731252990
125	27	50	731253970	731253980	731253990
125	27	63	731254970	731254980	731254990
125	27	80	731255970	731255980	731255990
125	27	100	731256970	731256980	731256990
125	27	125	731257970	731257980	731257990
125	27	160	731258970	731258980	731258990



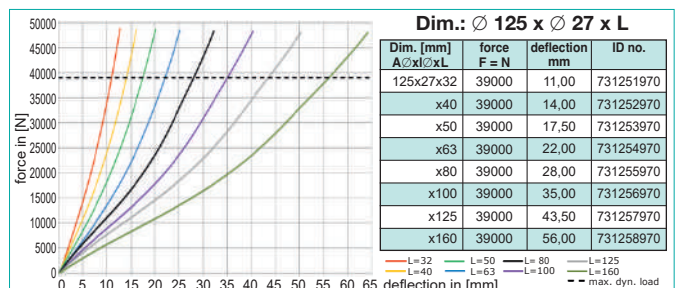
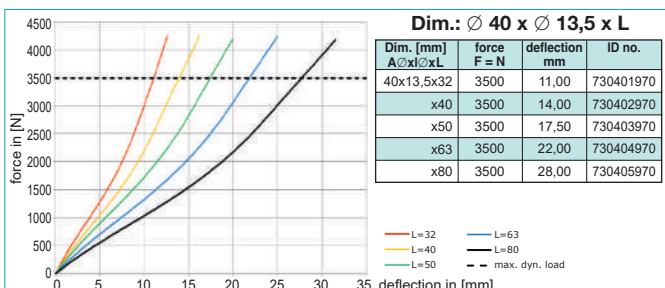
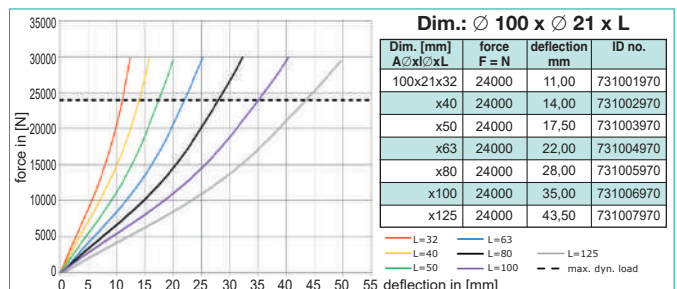
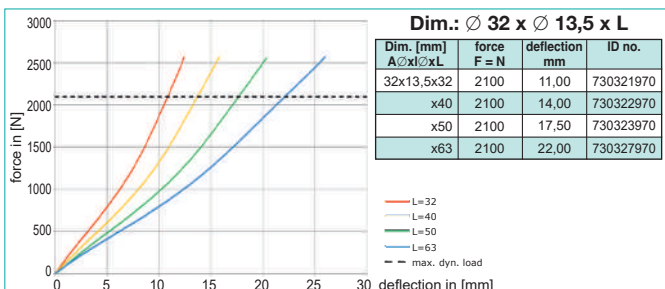
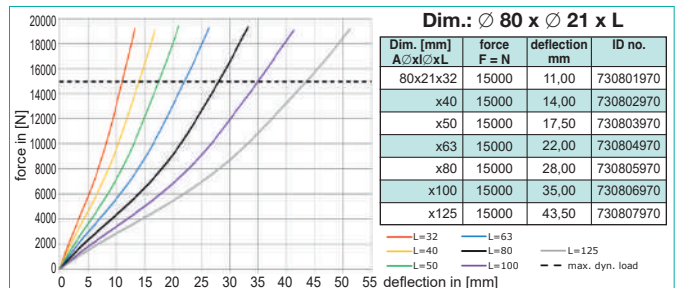
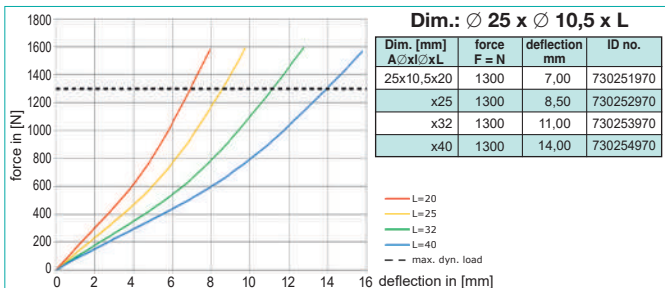
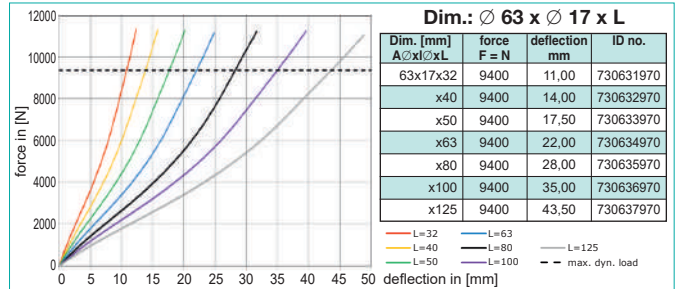
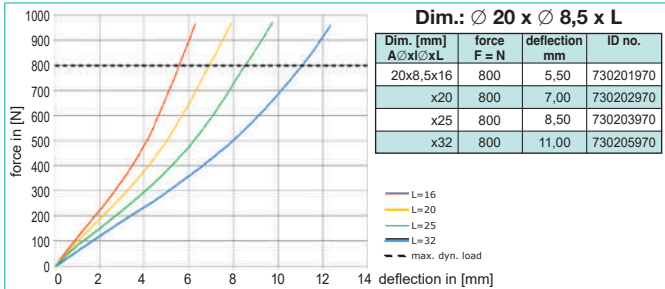
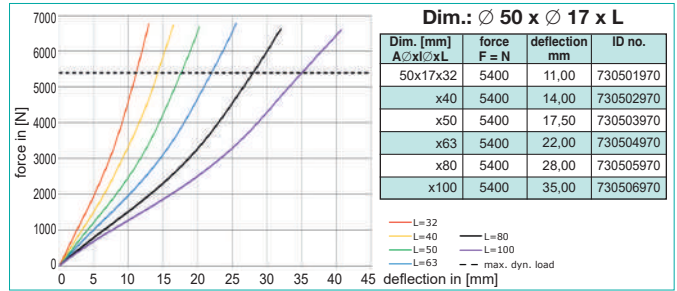
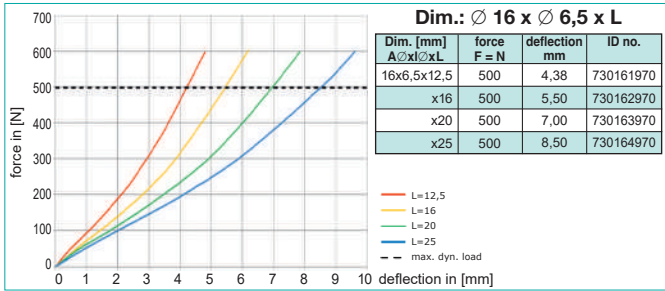
Elastomeric springs made of Diepothan®



Elastomeric springs are characterized by good mechanical strength and high impact resilience even in hard settings. Within the production process of elastomeric springs, our company uses the valued material benefits of Diepothan® consistently and in an application-specific manner.

Maintenance-free P+S elastomeric springs are used around the globe for effective cushioning of moving masses. Furthermore, they serve a reliable and effective isolation of vibration exciters.

Load capacity PUR-springs acc. to DIN ISO 10069-1 Diepothan® black 70° Shore A



Deflection – 35% of the original height

Force at 35% deflection

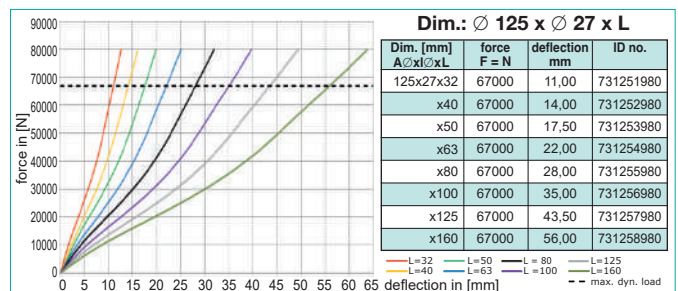
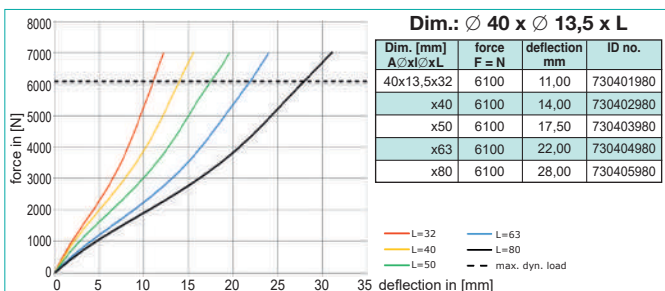
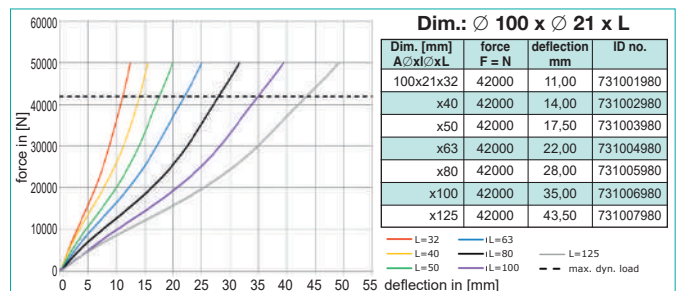
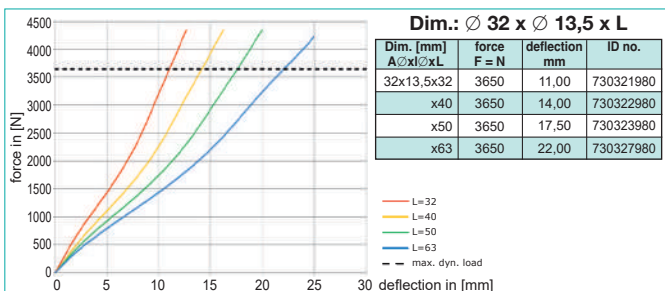
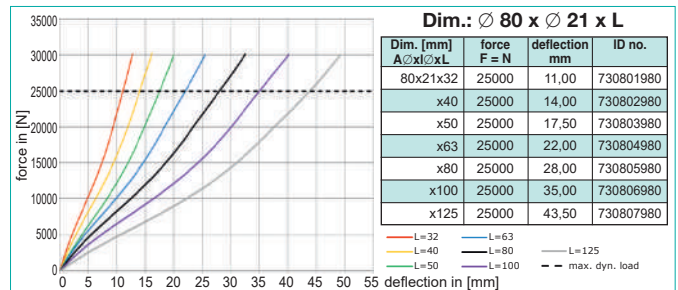
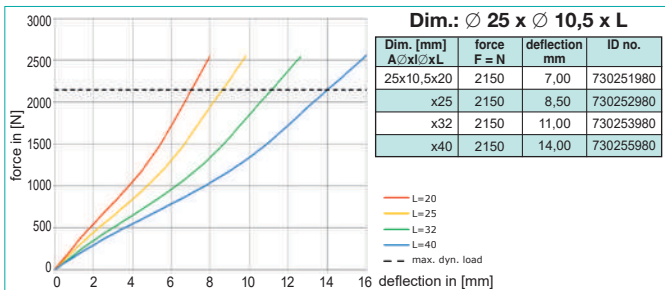
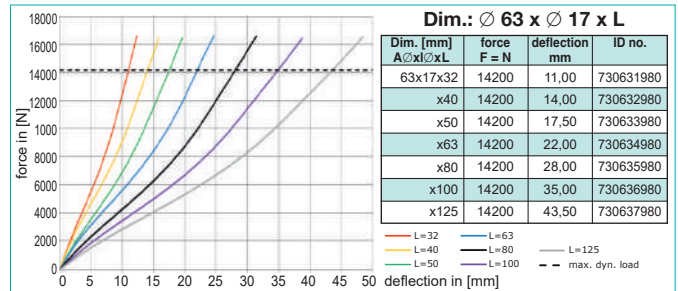
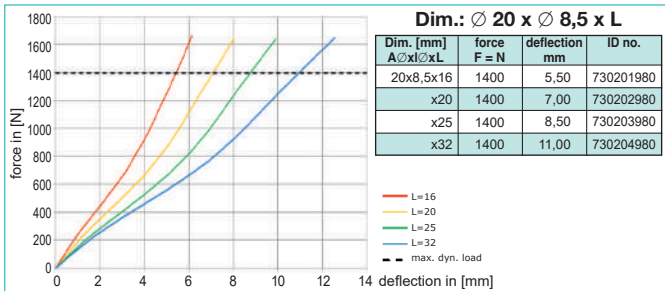
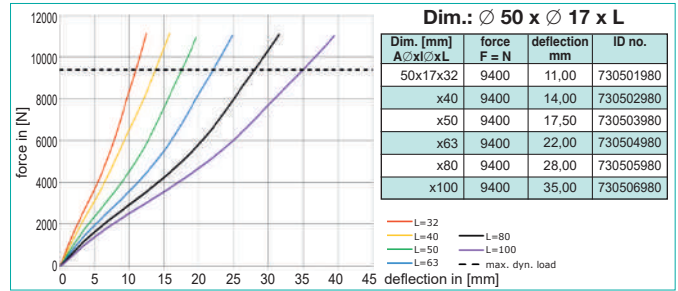
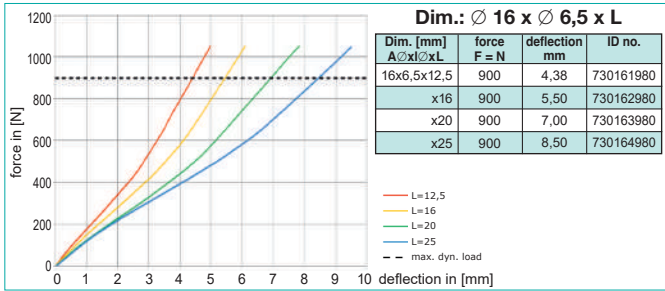
Steady dynamic load up to max. 35% deflection



P+S Polyurethan-Elastomere



Load capacity PUR-springs acc. to DIN ISO 10069-1 Diepothan® yellow 80° Shore A



Deflection – 35% of the original height

Force at 35% deflection

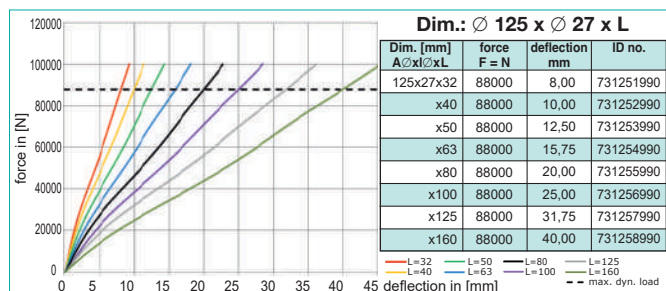
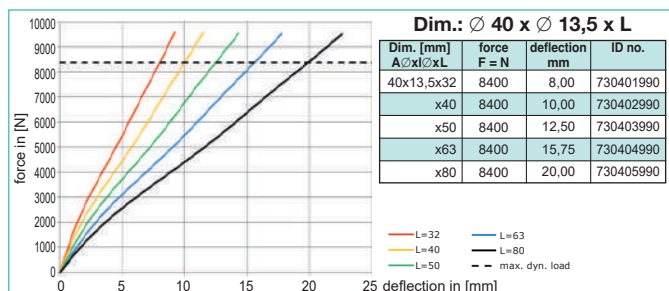
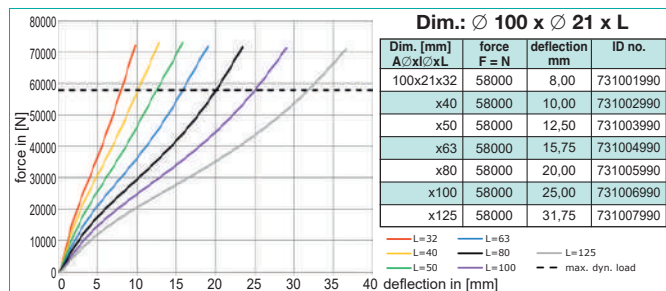
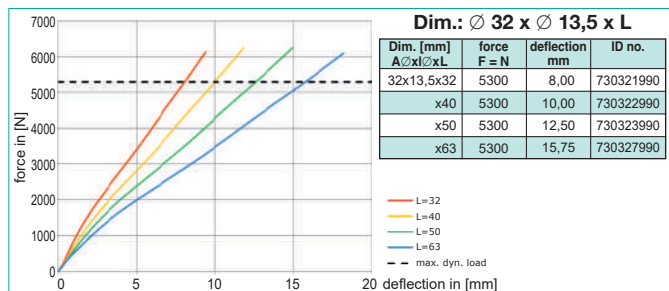
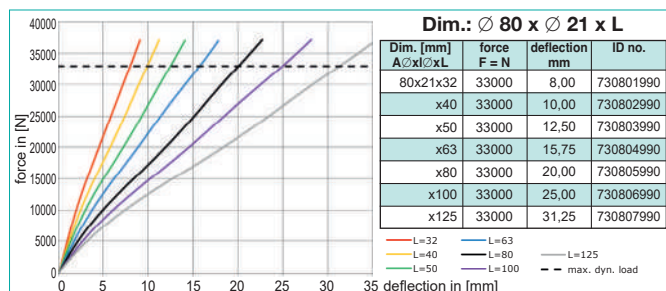
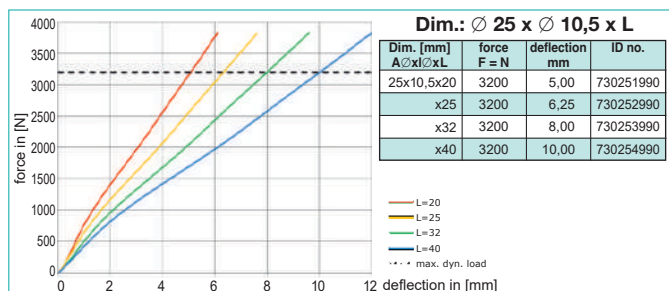
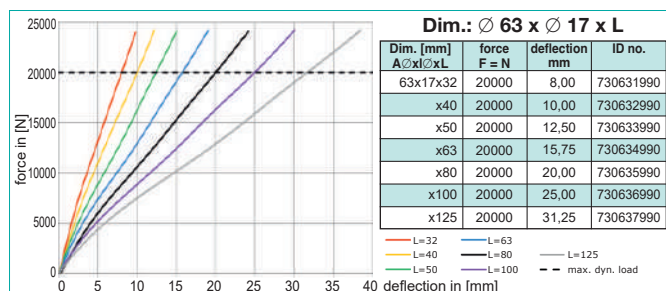
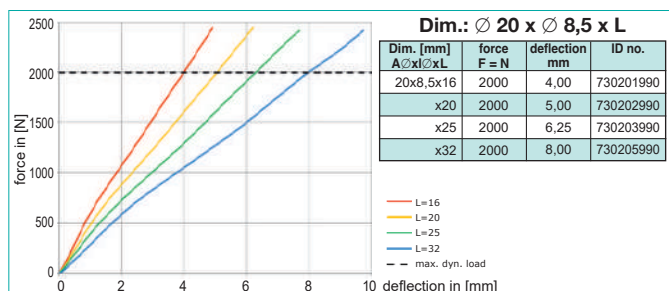
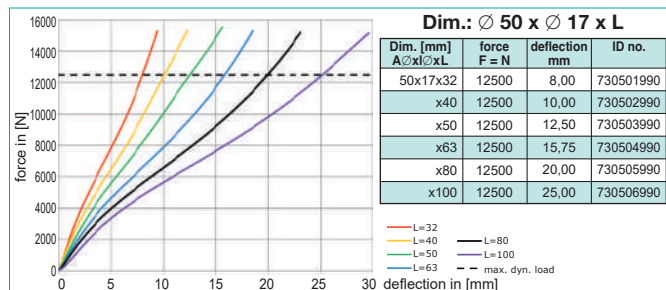
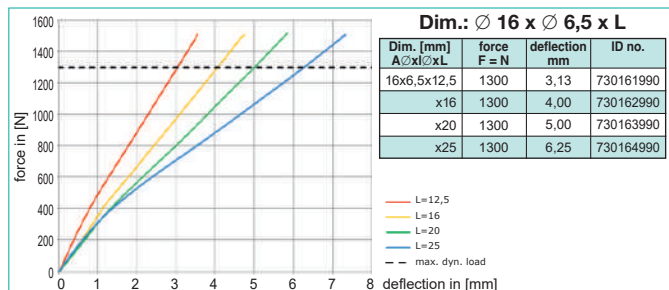
Steady dynamic load up to max. 35% deflection



Elastomeric springs made of Diepothan®



Load capacity PUR-springs acc. to DIN ISO 10069-1 Diepothan® red 90° Shore A



Deflection – 25% of the original height

Force at 25% deflection

Steady dynamic load up to max. 25% deflection