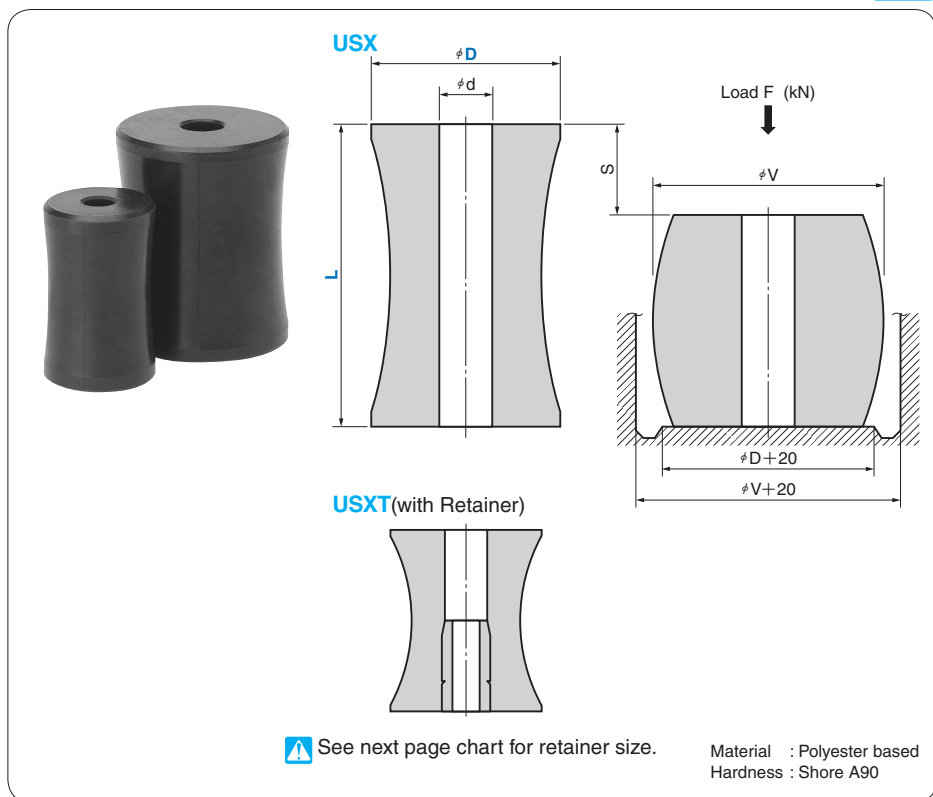


Urethane Spring Type X

FOR HIGH LOAD

CAD FILE



S=L×20%		S=L×25%		S=L×30%		d	Catalog No.	D	L (actual size)
S	F (kN)	S	F (kN)	S	F (kN)				
12.4	7.5	15.5	9.4	18.6	13	57	USX	50	60 (62)
16.4	6.5	20.5	8.8	24.6	13	58			80 (82)
12.4	10.0	15.5	13.5	18.6	20	70	USX	60	60 (62)
16.4	10.0	20.5	13.4	24.6	18				80 (82)
16.4	19.0	20.5	26.0	24.6	38	92	USXT	80	80 (82)
20.6	20.0	25.8	28.0	30.9	42				100 (103)
16.4	31.0	20.5	42.0	24.6	63	114	USXT	100	80 (82)
20.6	30.0	25.8	42.0	30.9	60				100 (103)
24.6	27.0	30.8	37.0	36.9	57	114	USXT	100	120 (123)

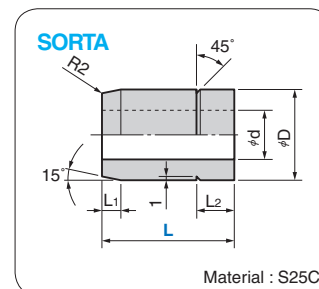
Order

Catalog No.	D	L
USX	50	60
USXT	80	80

*kgf=0.101972N

⚠ When it is used in stages, use the spacer in page 534.

Retainer



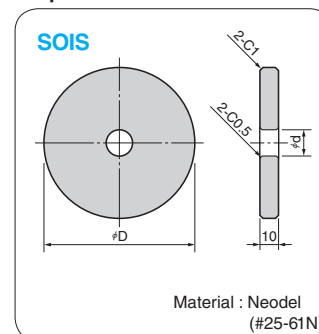
D	d	L1	L2	Applicable Urethane		Catalog No.	Nominal Size	L
				Outer Diameter	Length			
16	9	5	10	50	60 · 80	SORTA	14	30
22	13	5	10	60~	60~120		20	30



Order

Catalog No.	Nominal Size	L
SORTA	20	30

Spacer



- Use this spacer for multiple stages of urethane springs (USA, page 525, USX).
- Use the guide pin of S25C or equivalent with smooth surface.

Catalog No.	Nominal Size	D	d	Application: Rubber Spring, Urethane Spring				
				Outer Diameter	Inner Diameter	Guide Pin Diameter		
SOIS	50	65	13	30	40	50	14	12
	63	80		60	63			
	80	100	21	70	80	20	20	⚠
100	125	90		100	110	(22)		



Order

Catalog No.	Nominal Size
SOIS	63



⚠ Use diameter $\phi 18$ guide pin for diameter for $\phi 60$, $\phi 80$ and $\phi 100$ USX type.

■ USX Load - Deflection Diagram

