

Spool Retainer

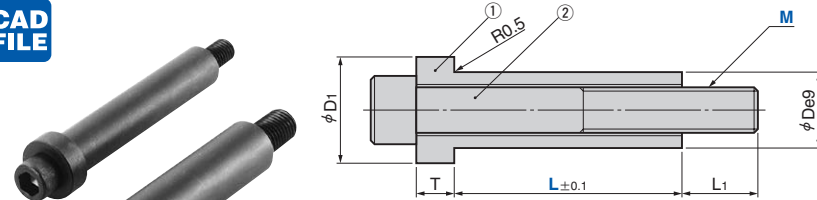
Bushing Extender

Strippers and Pads

SPRF (Flange Type)

SPRFM (Flange Type)

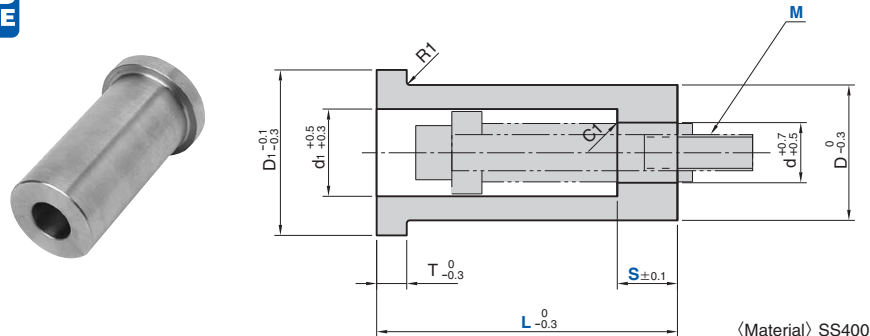
CAD
FILE



No.	Material	Hardness	Surface Treatment
1	S45C	HRC25~30	Black oxide
2	SCM435	~M20: HRC38~43 M24~: HRC32~37	

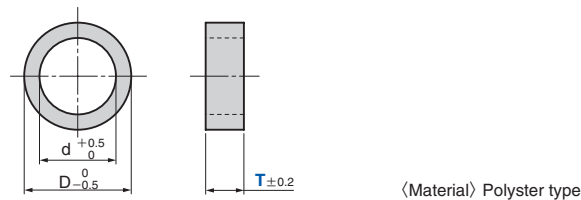
SPRFT

CAD
FILE



SPRU

Sound absorbing urethane



Catalog No.	M	L	D	D ₁	T	L ₁	Mate Hole Dim. Tolerance $^{+0.7}_{+0.5}$ (ref.)	Allowable Load [N (kgf)] Impact and Repeated Load Safety Factor 40	Static Load Safety Factor 5
SPRF	8	20~ 90 (5 mm increments) 100~120 (10 mm increments)	13	18	5	15	13	841 (86)	6732 (686)
	10	30~ 90 (5 mm increments) 100~150 (10 mm increments)	16	24	8	22	16	1336 (136)	10690 (1090)
	12	40~ 90 (5 mm increments) 100~170 (10 mm increments)	20	28	10	20	20	1945 (198)	15561 (1587)
SPRFM	16	50~ 90 (5 mm increments) 100~180 (10 mm increments)	25	36	13	27	25	3646 (372)	29164 (2974)
	20	60~ 90 (5 mm increments) 100~180 (10 mm increments)	32	45	16	34	32	5696 (581)	45570 (4647)

Catalog No.	M	L 10 mm increments	S 5 mm increments	D ₁	d ₁	T	D	d	Spool Retainer Catalog No. M	
SPRFT	12	50~120	10~25	55	29	10	45	20	SPRF	12
	16	60~150	10~30	60	37	13	50	25	SPRFM	16
	20	60~150	10~30	70	46	16	60	32		20



Order

Catalog No.	M	—	L	—	S
SPRF	12	—	90	—	
SPRFT	16	—	120	—	20

Catalog No.	M	T	Spool Retainer		
			Catalog No.	M	D d
SPRU	10		SPRF	10	24 16
	12	5·10		12	28 20
	16		SPRFM	16	36 25
	20	10·15		20	45 32

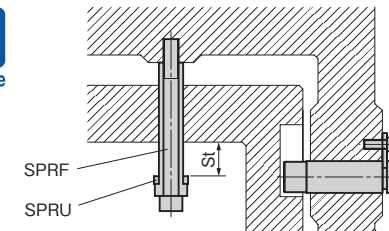


Order

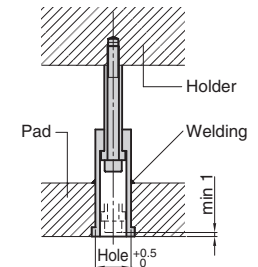
Catalog No.	M	—	T
SPRU	16	—	10



Example



Rough guideline $St = \text{pad stroke} - 1 \sim 2 \text{ mm}$.



Bushing Extender

Use when sufficient height is required between holder and pad.