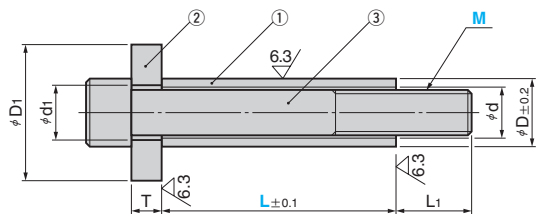


# Spool Retainer

FOR PAD RETENTION

CAD FILE

**SPRB** (Bushing Type)  
**SPRBH**(Bushing Hard Type)



No.	Material	Hardness	Surface Treatment
①	STKM	—	Black oxide
②	S45C	HRC25 to 30	
③	SCM435	to M20 : HRC38 to 43 M24 to : HRC32 to 37	

D	d	D1	d1	T	L1	Catalog No.	M	L
17.3	12.7	36	12.5	8	22	SPRB	12	40~115 (Increments of 5 mm) 120~220 (Increments of 10 mm)
21.7	16.1	45	16.5	10	30		16	50~105 (Increments of 5 mm) 110~260 (Increments of 10 mm)
27.2	20.4	45	21	10	40		20	50~95 (Increments of 5 mm) 100~300 (Increments of 10 mm)
31.8	24.8	60.5	24.5	10	50		24	50~85 (Increments of 5 mm) 90~300 (Increments of 10 mm)
38.1	31.1	60.5	30.5	16	54		30	50~75 (Increments of 5 mm) 80~300 (Increments of 10 mm)
31.8	21.8	45	21	16	34	SPRBH	20	50~90 (Increments of 5 mm) 100~300 (Increments of 10 mm)
42.7	30.7	60.5	30.5	20	60		30	50~65 (Increments of 5 mm) 70~300 (Increments of 10 mm)



Order

Catalog No.	M	L
SPRB	20	120
SPRBH	30	180

Catalog No.	M	Mate Hole Dim.(ref.)	Allowable Load N (kgf)	
			Impact and Repeated Load Safety Factor 40	Static Load Safety Factor 5
SPRB	12	20	1964 (200)	15714 (1602)
	16	24	3681 (375)	29450 (3003)
	20	30	5752 (587)	46017 (4692)
	24	35	7015 (715)	56117 (5722)
	30	42	11191 (1141)	89525 (9129)
SPRBH	20	35	5752 (587)	46017 (4692)
	30	46	11191 (1141)	89525 (9129)



Example

