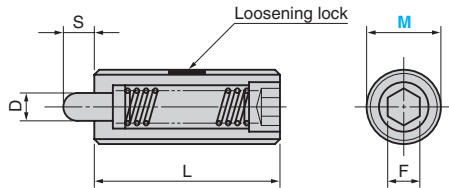


Spring Plunger

NYLON NOSE TYPE

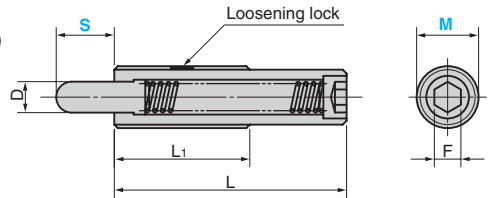
NSPS

(Short Travel Type)



NSPL

(Long Travel Type)



Material : Nose: Nylon
Thread: SCM435
Hardness : 36 to 40 HRC
Surface treatment :
Black chromating

Travel S	D	L	F	Applicable wrench	M × P	Load N (kgf)		Catalog No.	M
						Initial	Final		
3.0	2.0	20	1.5	PW5	M 5×P0.8	1.9 (0.2)	7.8 (0.8)	NSPS	5
	2.5	25	2.0	PW6	M 6×P1.0	2.9 (0.3)	9.8 (1.0)		6
4.0	3.1		2.5	PW8	M 8×P1.25			10	
5.0	3.8	30	3.0	PW10	M10×P1.5	14.7 (1.5)	9.8 (1.0)	NSPS	12
	5.5		4.0	PW12	M12×P1.75	1.9 (0.2)			

D	L	L1	F	Applicable wrench	M × P	Load N (kgf)		Catalog No.	M	Travel S
						Initial	Final			
5.5	43		4.0	PW12	M12×P1.75	3.9 (0.4)	19.6 (2.0)	NSPL	16	10
8.0	60	35	5.0	PW16	M16×P2.0	12.7 (1.3)	39.2 (4.0)			15
						9.8 (1.0)		20		
						12.7 (1.3)		30		
	125					17.6 (1.8)		15		
10.0	60	45	8.0	PW24	M24×P3.0	19.6 (2.0)	98.0 (10.0)		24	15

Order	Catalog No.	M	S
	NSPS	8	
	NSPL	16	15

See page 46 for applicable wrench standard.

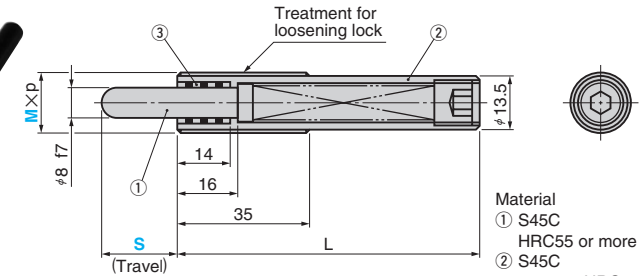


Spring Plunger

OILLESS BUSHING TYPE

PRJM (Heavy Load Type)

PRJL (Light Load Type)



Material
① S45C
HRC55 or more
② S45C
28 to 35 HRC
③ Bronze with
Graphite (SO#50 SP2)

Load N (kgf)	M × P	L	Catalog No.	M	Travel S
24 (2.4)	M16×P2.0	80	PRJM	16	20
40 (4.1)		120			30
59 (6.0)		150			40

Load N (kgf)	M × P	L	Catalog No.	M	Travel S
4 (0.4)	M16×P2.0	80	PRJL	16	30
13 (1.3)		150			50
11 (1.1)		200			60
5 (0.5)					70
2 (0.2)					80

Order	Catalog No.	M	S
	PRJM	16	40

Plunger Wrench



Catalog No.
PRJR16

Order	Catalog No.
	PRJR16

Durability test

The durability test was performed 500,000 times with the procedures shown in the figure below. The test was performed on the slope of 15° and 30°. Each test did not show problems such as galling, seizure or damage.

