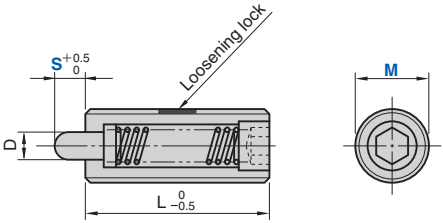
Spring Plunger
Short Type
Die Setting Components

SPL (Light Load Type)
SPH (Heavy Load Type)

CAD FILE



〈Material〉 Nose S45C
Thread S45C
〈Hardness〉 Nose HRC57～63
〈Surface Treatment〉 Nose SPL Trivalent chromate coating
Nose SPH Black oxide coating

Catalog No.	M	Travel S	D	L	MxP	Load [N (kgf)] Initial	Load [N (kgf)] Final
SPL	5	3	2.0	20	M 5xP0.8	2.0 (0.2)	9.8 (1.0)
	6		2.5	25	M 6xP1.0	5.9 (0.6)	
	8		3.1		M 8xP1.25		
	10	5	3.8	30	M10xP1.5		14.7 (1.5)
	12		5.5		M12xP1.75		

Catalog No.	M	Travel S	D	L	MxP	Load [N (kgf)] Initial	Load [N (kgf)] Final
SPH	4	2	1.6	15	M 4xP0.7	2.9 (0.3)	8.8 (0.9)
	5	3	2.0	20	M 5xP0.8	4.9 (0.5)	19.6 (2.0)
	6		2.5	25	M 6xP1.0	7.8 (0.8)	29.4 (3.0)
	8		3.1		M 8xP1.25	14.7 (1.5)	
	10	5	3.8	30	M10xP1.5	8.8 (0.9)	49.0 (5.0)
	12		5.5		M12xP1.75	18.6 (1.9)	

∗ Please do not use the rear hex socket for installation or removal.

Order

Catalog No.	M		S
SPL	8	—	3
SPH	10	—	3

Refer to page 29 for plunger wrench.

■For Operation

- The anti-loosening treatment will lose its effect once loosened. When reusing, please apply an anaerobic adhesive for screws.
- For installation, please use the designated wrench.

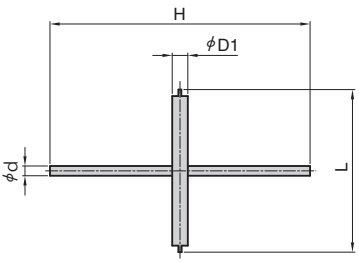
Copyright © Sankyo Oilless Industry, Inc. All Rights Reserved.

Plunger Wrench

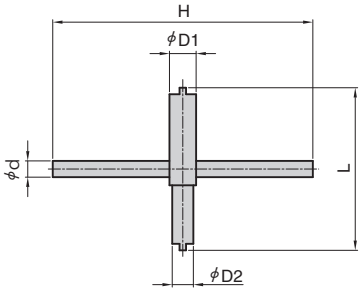
Die Setting Components

●SPL/SPH SPLL/SPLH SPXL/SPXH NSPS/NSPL Plunger Wrench

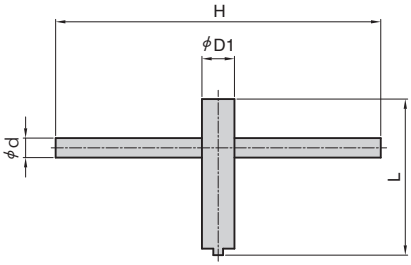
SPWT1



SPWT2



SPWT3
SPWT4
SPWT5



Catalog No.	M	ϕD1	ϕD2	L	H	ϕd
SPWT1	5·6	4.8	—	50	80	3
SPWT2	8·10	8.2	6.5	50	80	5
SPWT3	12	10.0	—	50	100	6
SPWT4	16	13.7	—	60	100	9
SPWT5	20·24	20.6	—	70	100	10

Order

Catalog No.
SPWT3

■For Operation

Please use a flat-head screwdriver for the M4 spring plunger.

Copyright © Sankyo Oilless Industry, Inc. All Rights Reserved.