

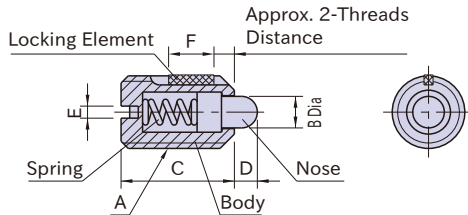
LSPLL / LSPL / LSPLH

SHORT SPRING PLUNGERS

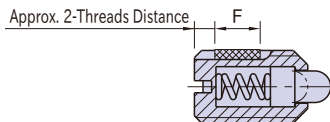


LSPLL
Light Force

LSPLH
Extra-Heavy Force



Thread Size M8 - M16



Thread Size M4 - M6

Body	Spring	Nose	Locking Element
Steel (SUM22L) Black oxide finish	Steel (SWPA)	Steel(SUM22L) Black oxide finish HRC56~60	Polyamide plastic

Size		A	B	C	D	E	F	Weight (g)	Moment (N·m)	
									Insertion	Removal
LSPLL LSPL LSPLH	4	M 4x0.7	1.8	9	1.5	0.6	5	0.4	0.18	0.12
	5	M 5x0.8	2.4	12	2	0.8	6	1	0.12	0.08
	6	M 6x1	2.7	14		1	7	1.7	0.44	0.21
	8	M 8x1.25	4	16	2.5	1.2	8	4	1.1	0.38
	10	M10x1.5	4.5	19		1.6	9	7	1.36	0.62
	12	M12x1.75	6	22		2	10	13	2.11	1.41
	16	M16x2	8.5	24	4.5	2.5	14	29	3.99	3.05

Light Force		Heavy Force		Extra-Heavy Force	
Part Number	Force (N) Initial - Final	Part Number	Force (N) Initial - Final	Part Number	Force (N) Initial - Final
LSPLL 4	3 - 10	LSPL 4	6 - 20	—	—
LSPLL 5		LSPL 5		LSPLH 5	9 - 25
LSPLL 6	4 - 10	LSPL 6	7 - 20	LSPLH 6	11 - 25
LSPLL 8	7 - 15	LSPL 8	15 - 30	LSPLH 8	22 - 43
LSPLL10	9 - 16	LSPL10	20 - 35	LSPLH10	20 - 54
LSPLL12	14 - 26	LSPL12	30 - 55	LSPLH12	36 - 94
LSPLL16	22 - 50	LSPL16	45 - 100	LSPLH16	60 - 110

Features:

Identification lines are marked at the back end : one for LSPLL type and two for LSPLH type.
Compact design with short stroke, for use in the limited space.
The locking element holds the plunger securely in place after installation.
The locking effect lasts about 20 loading/unloading cycles.

Technical Information

Heat resistance : 80°C