

Standard Spring Plungers

Steel

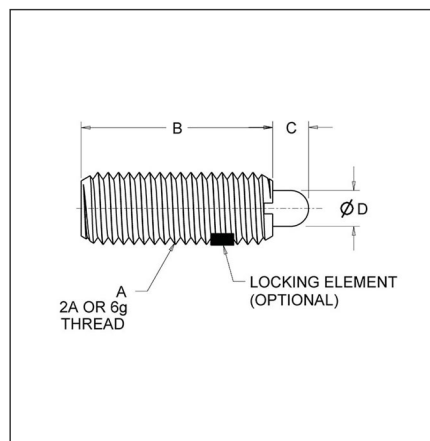
Standard spring plungers offer long travel, large bearing surfaces and numerous material and design options including an optional locking element.

Typical Uses





















































- Positioning
- Indexing
- Ejecting
- With Thread Lock
- Latching
- Detents
- Contacts
- Lifters
- Insulators

Special Features













- Easy installation
- Accurate alignment
- Heavy and light end forces
- Self-lubricating materials
- Corrosion resistance
- Wear resistance
- Non-marring materials
- Non-chipping materials
- Special environments
- Insulating properties











































Standard Spring Plungers - Steel w/Steel Nose









































Part No.		End Force, (Lbs.)			A	B	C	D	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Mid.	Final							
S48 	S48P 	1.5	3.0	4.5	6-32	0.53	0.063	0.044-0.045	<input checked="" type="checkbox"/>	S48 	S48P 
S48A 	S48AP 	1.0	1.3	1.6	6-32	0.38	0.063	0.044-0.045	<input checked="" type="checkbox"/>	S48A 	S48AP 
S50 	S50P 	2.7	5.0	7.3	8-32	0.63	0.094	0.069-0.070	<input checked="" type="checkbox"/>	S50 	S50P 
S52 	S52P 	2.9	7.0	11.1	10-32	0.75	0.125	0.091-0.092	<input checked="" type="checkbox"/>	S52 	S52P 
S54 	S54N 	3.0	8.0	13.0	1/4-20	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	S54 	S54N 
S54A 	S54AN 	3.0	8.0	13.0	1/4-28	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	S54A 	S54AN 
S54B 	S54BN 	2.0	5.5	9.0	1/4-20	0.75	0.125	0.117-0.118	<input checked="" type="checkbox"/>	S54B 	S54BN 
S56 	S56N 	3.0	9.0	15.0	5/16-18	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	S56 	S56N 
S58 	S58N 	5.5	10.0	14.5	3/8-16	1.13	0.188	0.186-0.187	<input checked="" type="checkbox"/>	S58 	S58N 
S60 	S60N 	6.6	12.0	17.4	1/2-13	1.25	0.250	0.247-0.248	<input checked="" type="checkbox"/>	S60 	S60N 
S62 	S62N 	10.5	18.0	25.5	5/8-11	1.50	0.313	0.308-0.310	<input checked="" type="checkbox"/>	S62 	S62N 
S64 	S64N 	6.7	22.0	37.3	3/4-10	1.75	0.313	0.373-0.374	<input checked="" type="checkbox"/>	S64 	S64N 
S66 	S66N 	16.0	42.0	68.0	1-8	2.41	0.500	0.496-0.498	<input checked="" type="checkbox"/>	S66 	S66N 

Standard Spring Plungers - Steel w/Stainless Steel Nose

Part No.		End Force, (Lbs.)			A	B	C	D	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Mid.	Final							
CS48 	CS48P 	1.5	3.0	4.5	6-32	0.53	0.063	0.044-0.045	<input checked="" type="checkbox"/>	CS48 	CS48P 
CS48A 	CS48AP 	1.0	1.3	1.6	6-32	0.38	0.063	0.044-0.045	<input checked="" type="checkbox"/>	CS48A 	CS48AP 
CS50 	CS50P 	2.7	5.0	7.3	8-32	0.63	0.094	0.069-0.070	<input checked="" type="checkbox"/>	CS50 	CS50P 

CS52 	CS52P 	2.9	7.0	11.1	10-32	0.75	0.125	0.091-0.092	<input checked="" type="checkbox"/>	CS52 	CS52P 
CS54 	CS54N 	3.0	8.0	13.0	1/4-20	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	CS54 	CS54N 
CS54A 	CS54AN 	3.0	8.0	13.0	1/4-28	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	CS54A 	CS54AN 
CS54B 	CS54BN 	2.0	5.5	9.0	1/4-20	0.75	0.125	0.117-0.118	<input checked="" type="checkbox"/>	CS54B 	CS54BN 
CS56 	CS56N 	3.0	9.0	15.0	5/16-18	1.00	0.188	0.133-0.135	<input checked="" type="checkbox"/>	CS56 	CS56N 
CS58 	CS58N 	5.5	10.0	14.5	3/8-16	1.13	0.188	0.186-0.187	<input checked="" type="checkbox"/>	CS58 	CS58N 
CS60 	CS60N 	6.6	12.0	17.4	1/2-13	1.25	0.250	0.247-0.248	<input checked="" type="checkbox"/>	CS60 	CS60N 
CS62 	CS62N 	10.5	18.0	25.5	5/8-11	1.50	0.313	0.308-0.310	<input checked="" type="checkbox"/>	CS62 	CS62N 
CS64 	CS64N 	6.7	22.0	37.3	3/4-10	1.75	0.313	0.373-0.374	<input checked="" type="checkbox"/>	CS64 	CS64N 
CS66 	CS66N 	16.0	42.0	68.0	1-8	1.41	0.500	0.496-0.498	<input checked="" type="checkbox"/>	CS66 	CS66N 

Light End Force Standard Spring Plungers - Steel w/Steel Nose

Part No.			End Force, (Lbs.)			A	B	C	D	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Mid.	Final								
S49 	S49P 	0.5	1.0	1.5	6-32	0.53	0.063	0.044-0.045	<input checked="" type="checkbox"/>	S49 	S49P 	
S51 	S51P 	0.7	1.5	2.3	8-32	0.63	0.094	0.069-0.070	<input checked="" type="checkbox"/>	S51 	S51P 	
S53 	S53P 	1.3	2.0	2.7	10-32	0.75	0.125	0.091-0.092	<input checked="" type="checkbox"/>	S53 	S53P 	
S55 	S55N 	1.0	2.5	4.0	1/4-20	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	S55 	S55N 	
S55A 	S55AN 	1.0	2.5	4.0	1/4-28	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	S55A 	S55AN 	
S57 	S57N 	1.5	3.0	4.5	5/16-18	1.00	0.188	0.133-0.135	<input checked="" type="checkbox"/>	S57 	S57N 	
S59 	S59N 	2.8	5.0	7.2	3/8-16	1.13	0.188	0.186-0.187	<input checked="" type="checkbox"/>	S59 	S59N 	
S61 	S61N 	2.7	6.0	9.3	1/2-13	1.25	0.250	0.247-0.248	<input checked="" type="checkbox"/>	S61 	S61N 	
S63 	S63N 	3.5	7.0	10.5	5/8-11	1.50	0.313	0.308-0.310	<input checked="" type="checkbox"/>	S63 	S63N 	
S67 	S67N 	4.0	17.5	31.0	1-8	2.41	0.500	0.496-0.498	<input checked="" type="checkbox"/>	S67 	S67N 	

Light End Force Standard Spring Plungers - Steel w/Stainless Steel Nose


















Part No.		End Force, (Lbs.)			A	B	C	D	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Mid.	Final							
CS49	CS49P	0.5	1.0	1.5	6-32	0.53	0.063	0.044-0.045	<input checked="" type="checkbox"/>	CS49	CS49P
CS51	CS51P	0.7	1.5	2.3	8-32	0.63	0.094	0.069-0.070	<input checked="" type="checkbox"/>	CS51	CS51P
CS53	CS53P	1.3	2.0	2.7	10-32	0.75	0.125	0.091-0.092	<input checked="" type="checkbox"/>	CS53	CS53P
CS55	CS55N	1.0	2.5	4.0	1/4-20	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	CS55	CS55N
CS55A	CS55AN	1.0	2.5	4.0	1/4-28	1.00	0.188	0.117-0.118	<input checked="" type="checkbox"/>	CS55A	CS55AN
CS57	CS57N	1.5	3.0	4.5	5/16-18	1.00	0.188	0.133-0.135	<input checked="" type="checkbox"/>	CS57	CS57N
CS59	CS59N	2.8	5.0	7.2	3/8-16	1.13	0.188	0.186-0.187	<input checked="" type="checkbox"/>	CS59	CS59N
CS61	CS61N	2.7	6.0	9.3	1/2-13	1.25	0.250	0.247-0.248	<input checked="" type="checkbox"/>	CS61	CS61N
CS63	CS63N	3.5	7.0	10.5	5/8-11	1.50	0.313	0.308-0.310	<input checked="" type="checkbox"/>	CS63	CS63N
CS67	CS67N	4.0	17.5	31.0	1-8	2.41	0.500	0.496-0.498	<input checked="" type="checkbox"/>	CS67	CS67N

Standard Spring Plungers - Steel w/Steel Nose

Part No.		End Force, N		A	B	C	D	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Final							
SM4A	SM4AP	12.0	22.7	M4 x 0.7	16.0	1.5	1.8	<input checked="" type="checkbox"/>	SM4A	SM4AP
SM5A	SM5AP	13.0	39.6	M5 x 0.8	19.0	2.3	2.3	<input checked="" type="checkbox"/>	SM5A	SM5AP
SM6A	SM6AP	18.0	50.0	M6 x 1.0	20.0	2.5	2.7	<input checked="" type="checkbox"/>	SM6A	SM6AP
SM8A	SM8AN	25.0	70.0	M8 x 1.25	22.0	3.0	3.5	<input checked="" type="checkbox"/>	SM8A	SM8AN
SM10A	SM10AN	25.0	70.0	M10 x 1.5	22.0	3.0	4.0	<input checked="" type="checkbox"/>	SM10A	SM10AN
SM12A	SM12AN	45.0	110.0	M12 x 1.75	28.0	4.0	6.0	<input checked="" type="checkbox"/>	SM12A	SM12AN
SM16A	SM16AN	46.7	75.2	M16 x 2.0	38.1	5.0	7.8	<input checked="" type="checkbox"/>	SM16A	SM16AN

Light End Force Standard Spring Plungers - Steel w/Steel Nose


Part No.		End Force, N		A	B	C	D	ROHS	CAD	CAD With Thread Lock
	With Thread Lock	Initial	Final							

SML4A 	SML4AP 	3.0	7.6	M4 x 0.7	16.0	1.5	1.8	<input checked="" type="checkbox"/>	SML4A 	SML4AP 
SML5A 	SML5AP 	5.8	10.4	M5 x 0.8	19.0	2.3	2.3	<input checked="" type="checkbox"/>	SML5A 	SML5AP 
SML6A 	SML6AP 	7.0	20.0	M6 x 1.0	20.0	2.5	2.7	<input checked="" type="checkbox"/>	SML6A 	SML6AP 
SML8A 	SML8AN 	9.0	35.0	M8 x 1.25	22.0	3.0	3.5	<input checked="" type="checkbox"/>	SML8A 	SML8AN 
SML10A 	SML10AN 	9.0	35.0	M10 x 1.5	22.0	3.0	3.5	<input checked="" type="checkbox"/>	SML10A 	SML10AN 
SML12A 	SML12AN 	10.0	55.0	M12 x 1.75	28.0	4.0	6.0	<input checked="" type="checkbox"/>	SML12A 	SML12AN 
SML16A 	SML16AN 	15.6	35.2	M16 x 2.0	38.1	5.0	7.8	<input checked="" type="checkbox"/>	SML16A 	SML16AN 

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