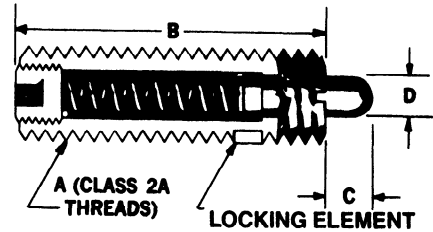




VLIER

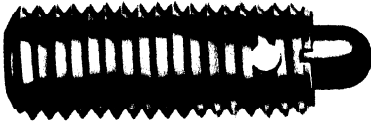
Spring Plungers



HOW TO CHOOSE THE MODEL TO MEET YOUR APPLICATION

1. Select end forces needed — standard or light (Silvernose).
2. Select plunger travel distance required.
3. Select plunger type — hex or round.
4. Select plunger material — steel, stainless steel, phenolic, or Delrin®
5. Select thread size.
6. Order by part number.

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ROUND NOSE

Spring forces are accurate, uniform and dependable. Large bearing surface on plunger prevents binding, assures perfect alignment of the plunger at any extension. Steel bodies have a black oxide finish and case hardened nose.

HEAVY END FORCES

PART NO.		END FORCE, LBS.		A	B	C	D	USE WRENCH
STEEL BODY STEEL NOSE	STAINLESS BODY STAINLESS NOSE	INIT.	FINAL					
S-48	SSS-48	1.5	4.5	6-32	17/32"	1/16"	.044-.045	VW-48
S-48A	SSS-48A	1.0	1.6	6-32	3/8"	1/16"	.044-.045	VW-48
S-50	SSS-50	2.7	7.3	8-32	5/8"	3/32"	.069-.070	VW-50
S-52	SSS-52	2.9	11.1	10-32	3/4"	1/8"	.091-.092	VW-52
S-54	SSS-54	3.0	13.0	1/4-20	1"	3/16"	.117-.118	VW-54
S-54A	SSS-54A	3.0	13.0	1/4-28	1"	3/16"	.117-.118	VW-54
S-54B	SSS-54B	2.0	9.0	1/4-20	3/4"	1/8"	.117-.118	VW-54
S-56	SSS-56	3.0	15.0	5/16-18	1"	3/16"	.133-.135	VW-56
S-58	SSS-58	5.5	14.5	3/8-16	1-1/8"	3/16"	.186-.187	VW-58
S-60	SSS-60	6.6	17.4	1/2-13	1-1/4"	1/4"	.247-.248	VW-60
S-62	SSS-62	10.5	25.5	5/8-11	1-1/2"	5/16"	.308-.310	VW-62
S-64	SSS-64	6.7	37.3	3/4-10	1-3/4"	5/16"	.373-.374	VW-64
S-66	SSS-66	16.0	68.0	1-8	2-13/32"	1/2"	.496-.498	VW-66

When ordering with locking element, add "N" at the end of the part number for sizes 1/4-20 and larger; under 1/4-20, add "P" at end of part number. (See nylon locking torque information)



ROUND SILVERNOSÉ®

Zinc plated plunger noses identify Vlier Silvernose spring plungers as having light end forces. Special springs were developed for fast, repetitive operations... designed to flex thousands of times. Steel bodies have a black oxide finish and case hardened nose.

LIGHT END FORCES

PART NO.		END FORCE, LBS.		A	B	C	D	USE WRENCH
STEEL BODY STEEL NOSE	STAINLESS BODY STAINLESS NOSE	INIT.	FINAL					
S-49	SSS-49	0.5	1.5	6-32	17/32"	1/16"	.044-.045	VW-48
S-51	SSS-51	0.7	2.3	8-32	5/8"	3/32"	.069-.070	VW-50
S-53	SSS-53	1.3	2.7	10-32	3/4"	1/8"	.091-.192	VW-52
S-55	SSS-55	1.0	4.0	1/4-20	1"	3/16"	.117-.118	VW-54
S-55A	SSS-55A	1.0	4.0	1/4-28	1"	3/16"	.117-.118	VW-54
S-57	SSS-57	1.5	4.5	5/16-18	1"	3/16"	.134-.135	VW-56
S-59	SSS-59	2.8	7.2	3/8-16	1-1/8"	3/16"	.186-.187	VW-58
S-61	SSS-61	2.7	9.3	1/2-13	1-1/4"	1/4"	.247-.248	VW-60
S-63	SSS-63	3.5	10.5	5/8-11	1-1/2"	5/16"	.308-.310	VW-62
S-67	SSS-67	4.0	31.0	1-8	2-13/32"	1/2"	.496-.498	VW-66

When ordering with locking element add "N" at the end of the part number for sizes 1/4-20 and larger; under 1/4-20, add "P" at end of part number. (See nylon locking torque information)