



VLIER

Spring Plungers



PHENOLIC NOSE

These plungers are intended for use with aluminum, brass or any soft material which is easily marred. The nose is made from high-tensile-strength phenolic-type material, reinforced for minimum deformation under force. Features high dielectric strength and excellent wear resistance. Has self-lubricating surface and will not chip. Bodies are made of steel and have a black oxide finish.

DELTRIN[®] NOSE

Also available with Delrin nose. Bodies are made of steel and have a black oxide finish.

HEAVY END FORCES

PART NO.		END FORCE, LBS.		A	B	C	D	USE WRENCH
PHENOLIC NOSE	DELTRIN NOSE	INIT.	FINAL					
NS-50	NNS-50	2.7	7.3	8-32	5/8"	3/32"	.067-.071	VW-50
NS-52	NNS-52	2.9	11.1	10-32	3/4"	1/8"	.090-.092	VW-52
NS-54	NNS-54	3.0	13.0	1/4-20	1"	3/16"	.116-.118	VW-54
NS-56	NNS-56	3.0	15.0	5/16-18	1"	3/16"	.133-.135	VW-56
NS-58	NNS-58	5.5	14.5	3/8-16	1-1/8"	3/16"	.185-.187	VW-58
NS-60	NNS-60	6.6	17.4	1/2-13	1-1/4"	1/4"	.246-.248	VW-60
NS-62	NNS-62	10.5	25.5	5/8-11	1-1/2"	5/16"	.308-.310	VW-62

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)

LIGHT END FORCES

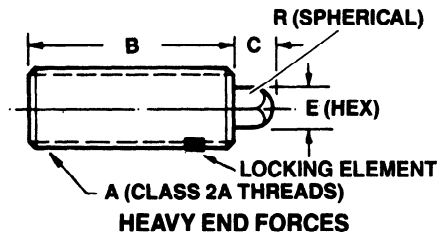
PART NO.		END FORCE, LBS.		A	B	C	D	USE WRENCH
PHENOLIC NOSE	DELTRIN NOSE	INIT.	FINAL					
NS-51	NNS-51	0.7	2.3	8-32	5/8"	3/32"	.067-.070	VW-50
NS-53	NNS-53	1.3	2.7	10-32	3/4"	1/8"	.089-.092	VW-52
NS-55	NNS-55	1.0	4.0	1/4-20	1"	3/16"	.116-.118	VW-54
NS-57	NNS-57	1.5	4.5	5/16-18	1"	3/16"	.133-.135	VW-56
NS-59	NNS-59	2.8	7.2	3/8-16	1-1/8"	3/16"	.185-.187	VW-58
NS-61	NNS-61	2.7	9.3	1/2-13	1-1/4"	1/4"	.244-.248	VW-60
NS-63	NNS-63	3.5	10.5	5/8-11	1-1/2"	5/16"	.308-.310	VW-62

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)



HEXNOSE

Hexagonal-shaped nose is easily accessible for adjustment with a standard end or socket wrench; speeds installation and removal. Hexnose is case-hardened for long life; available in both standard and light end forces. Bodies are made of steel and have a black oxide finish.



HEAVY END FORCES

PART NO.	END FORCE, LBS.		A	B	C	E	R
	INIT.	FINAL					
H-54	3.0	13.0	1/4-20	1"	3/16"	1/8"	.071
H-56	3.0	15.0	5/16-18	1"	3/16"	1/8"	.071
H-58	5.5	14.5	3/8-16	1-1/8"	3/16"	3/16"	.108
H-60	6.6	17.4	1/2-13	1-1/4"	1/4"	1/4"	.144
H-62	10.5	25.5	5/8-11	1-1/2"	5/16"	5/16"	.179
H-64	6.7	37.3	3/4-10	1-3/4"	5/16"	3/8"	.215
H-66	16.0	68.0	1-8	2-13/32"	1/2"	1/2"	.290

When ordering with locking element, add "N" at the end of the part number. (See nylon locking torque information)



HEX SILVERNOS

Zinc-plated noses quickly identify Vlier Silvernose spring plungers as having light end forces. Special springs were developed for fast, repetitive operations. Bodies are made of steel and have a black oxide finish. Nose is hardened.

LIGHT END FORCES

PART NO.	END FORCE, LBS.		A	B	C	E	R
	INIT.	FINAL					
H-55	1.0	4.0	1/4-20	1"	3/16"	1/8"	.071
H-57	1.5	4.5	5/16-18	1"	3/16"	1/8"	.071
H-59	2.8	7.2	3/8-16	1-1/8"	3/16"	3/16"	.108
H-61	2.7	9.3	1/2-13	1-1/4"	1/4"	1/4"	.144
H-63	3.5	10.5	5/8-11	1-1/2"	5/16"	5/16"	.179
H-67	4.0	31.0	1-8	2-13/32"	1/2"	1/2"	.290

When ordering with locking element, add "N" at the end of the part number. (See nylon locking torque information)