

# EN 616 Bolt spring plungers

Threaded body, Steel

INCH



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

## THREADED BODY

Black-oxide steel, internal hexagon socket.

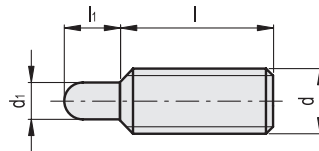
## STANDARD EXECUTIONS

Black oxide hardened steel bolt, stainless steel spring.

- **EN 616-S**: normal end force.
- **EN 616-SS**: heavy end force (marked with two lines).
- **EN 616-S/LE**: normal end force, with locking patch.
- **EN 616-SS/LE**: heavy end force, with locking patch (marked with two lines).

Nylon locking patch for applications subject to vibrations or to eliminate the need for check nuts. Not recommended for applications in soft materials.

Countersink the mating thread at least .030 to .045 larger than the major thread diameter of the plunger to make its insertion easier.



## EN 616-NI-SN

## EN 616-NI-SN/LE

INCH

Code	Description	Code	Description	d	d1	l	l1	Spring preload [lbf]	Spring max load [lbf]	⚖️
EN.934011	EN 616-6-32-S	EN.934012	EN 616-6-32-S/LE	6-32	0.05	0.53	0.06	0	2	0
EN.934031	EN 616-8-32-S	EN.934032	EN 616-8-32-S/LE	8-32	0.07	0.63	0.09	1	2	0
EN.934051	EN 616-10-32-S	EN.934052	EN 616-10-32-S/LE	10-32	0.09	0.75	0.13	1	3	0
EN.934071	EN 616-1/4-20-S	EN.934072	EN 616-1/4-20-S/LE	1/4-20	0.12	1	0.19	1	4	0.01
EN.934091	EN 616-1/4-28-S	EN.934092	EN 616-1/4-28-S/LE	1/4-28	0.12	1	0.19	1	4	0.01
EN.934111	EN 616-5/16-18-S	EN.934112	EN 616-5/16-18-S/LE	5/16-18	0.13	1	0.19	2	5	0.01
EN.934131	EN 616-3/8-16-S	EN.934132	EN 616-3/8-16-S/LE	3/8-16	0.19	1.06	0.19	3	7	0.02
EN.934151	EN 616-1/2-13-S	EN.934152	EN 616-1/2-13-S/LE	1/2-13	0.25	1.25	0.25	3	9	0.06
EN.934171	EN 616-5/8-11-S	EN.934172	EN 616-5/8-11-S/LE	5/8-11	0.31	1.5	0.31	3	11	0.09
EN.934181	EN 616-3/4-10-S	EN.934182	EN 616-3/4-10-S/LE	3/4-10	0.37	1.75	0.31	5	14	0.16
EN.934191	EN 616-1-8-S	EN.934192	EN 616-1-8-S/LE	1-8	0.5	2.41	0.5	4	31	0.33

## EN 616-NI-SSN

## EN 616-NI-SSN/LE

INCH

Code	Description	Code	Description	d	d1	l	l1	Spring preload [lbf]	Spring max load [lbf]	⚖️
EN.934013	EN 616-6-32-SS	EN.934014	EN 616-6-32-SS/LE	6-32	0.05	0.53	0.06	2	3	0
EN.934033	EN 616-8-32-SS	EN.934034	EN 616-8-32-SS/LE	8-32	0.07	0.63	0.09	3	7	0
EN.934053	EN 616-10-32-SS	EN.934054	EN 616-10-32-SS/LE	10-32	0.09	0.75	0.13	3	9	0
EN.934073	EN 616-1/4-20-SS	EN.934074	EN 616-1/4-20-SS/LE	1/4-20	0.12	1	0.19	3	10	0.01
EN.934093	EN 616-1/4-28-SS	EN.934094	EN 616-1/4-28-SS/LE	1/4-28	0.12	1	0.19	3	10	0.01
EN.934113	EN 616-5/16-18-SS	EN.934114	EN 616-5/16-18-SS/LE	5/16-18	0.13	1	0.19	3	15	0.01
EN.934133	EN 616-3/8-16-SS	EN.934134	EN 616-3/8-16-SS/LE	3/8-16	0.19	1.06	0.19	5	13	0.02
EN.934153	EN 616-1/2-13-SS	EN.934154	EN 616-1/2-13-SS/LE	1/2-13	0.25	1.25	0.25	7	16	0.06
EN.934173	EN 616-5/8-11-SS	EN.934174	EN 616-5/8-11-SS/LE	5/8-11	0.31	1.5	0.31	11	22	0.09
EN.934183	EN 616-3/4-10-SS	EN.934184	EN 616-3/4-10-SS/LE	3/4-10	0.37	1.75	0.31	7	33	0.16
EN.934193	EN 616-1-8-SS	EN.934194	EN 616-1-8-SS/LE	1-8	0.5	2.41	0.5	16	60	0.33

Indexing and positioning elements