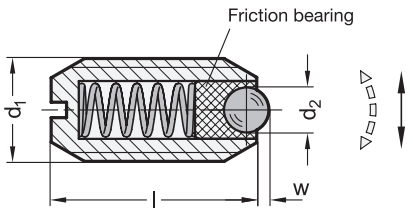
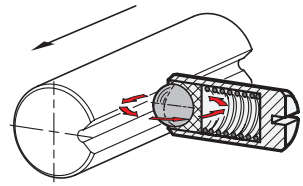
Spring Plungers

Stainless Steel, with Ceramic Ball, with Friction Bearing, with Slot

JW WINCO® A Ganter Company

Metric





SS Stainless Steel

2 Type

KN Stainless steel, standard spring load

KSN Stainless steel, high spring load

Metric table

1

Dimensions in: millimeters / inches

d_1	d_2	Length l	w Compression	Spring load ≈ Standard (Type KN)		High (Type KSN)	
				Initial	End	Initial	End
M 5	2 0.08	12 0.47	0.5 0.02	4.8 0.19	6.8 0.27	10 0.39	14 0.55
M 6	2.5 0.10	14 0.55	0.7 0.03	6.3 0.25	10 0.39	11 0.43	16 0.63
M 8	3.5 0.14	16 0.63	1 0.04	16.1 0.63	24 0.94	22.9 0.90	40 1.57
M 10	4.5 0.18	19 0.75	1.4 0.06	18.8 0.74	31.7 1.25	28.1 1.11	54.3 2.14
M 12	6.5 0.26	22 0.87	2.5 0.10	24 0.94	49 1.93	36.5 1.44	77.3 3.04
M 16	8.5 0.33	24 0.94	3.1 0.12	38 1.50	68 2.68	50 1.97	88.7 3.49

Specification

Housing
Stainless steel

Ball
Ceramic
Silicon nitride, black

Spring
Stainless steel

Friction bearing
Plastic
Operating temperature
-22 °F to +194 °F (-30 °C to +90 °C)

Identification of type KSN
Housing with 2 longitudinal markings

RoHS

Spring plungers GN 615.10 are used for locking as well as for push-on and push-off functions.
The ball moves freely within a plastic friction bearing, allowing objects to roll along the ball. This minimizes wear on the other object and optimizes the holding function.
Due to the selection of materials, the spring plungers are suitable for use in highly corrosive environments. In addition, the ceramic ball and the plastic friction bearing are low wearing, anti-magnetic and electrically insulating.

see also...	Page
GN 615 Ball Plungers (Stainless Steel AISI 303)	QVX
GN 615.8 Ball Plungers (Ball with Friction Bearing)	QVX

How to order

GN 615.10-M8-KSN (1 2)

1	Thread d_1
2	Type