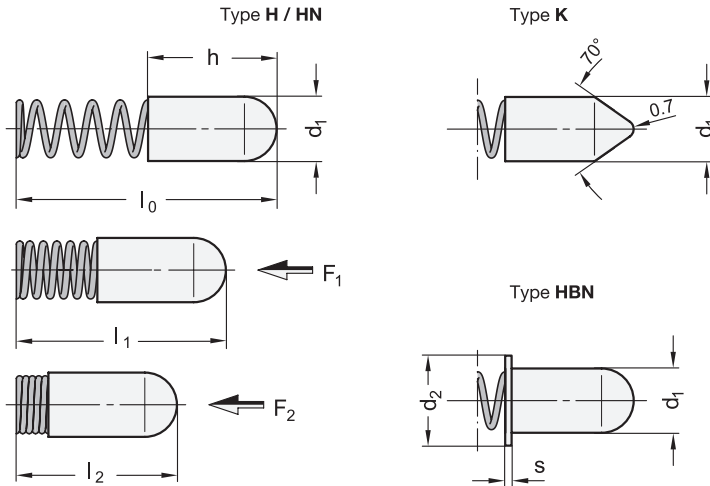




- 3 Type**
- H** Semi-spherical, steel
 - HN** Semi-spherical, stainless steel
 - HBN** Semi-spherical with collar, stainless steel
 - K** Pointed nose, steel



1

2

Type H Semi-spherical, steel

$d_1 \pm 0,05$	l_0	h	l_1	l_2	F_1 Spring load in N \approx	F_2 Spring load in N \approx
2,2	16	7,8	12	10,5	2,2	3
2,6	8	3,8	6,5	5,2	1,1	2
3	12	6	9	8,7	6,2	6,8
3	16	8,5	13	10,7	4,8	8,4
3,4	12	6	9	7,8	5	7
3,4	15	7,3	12	8,2	5,9	13,3
4	14	8	12	9	5	12,3
5	16	8	13	10,4	8	15

Type HN Semi-spherical, stainless steel

$d_1 \pm 0,05$	l_0	h	l_1	l_2	F_1 Spring load in N \approx	F_2 Spring load in N \approx
3	16	8	13	10,6	4,8	8,6
3,6	18	9	15	11,5	6,7	14,5
4	16	7,5	13	11,4	8	12,3

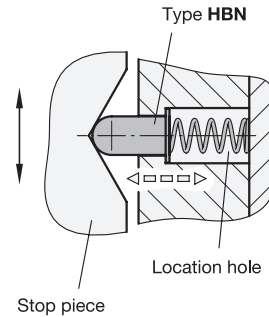
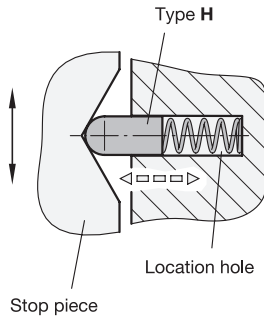
Type HBN Semi-spherical with collar, stainless steel

$d_1 \pm 0,05$	l_0	d_2	h	l_1	l_2	s	F_1 Spring load in N \approx	F_2 Spring load in N \approx
3	13	4,1	7	10	8,9	0,1	5,3	7,2

Type K Pointed nose, steel

$d_1 \pm 0,05$	l_0	h	l_1	l_2	F_1 Spring load in N \approx	F_2 Spring load in N \approx
2,2	16	7,8	12	12,5	2,2	3
3	11	5	9	6,7	1,6	3,4
3	16	8,5	13	10,7	4,8	8,4

Application examples



Specification

- Housing
 - Type H / K
Steel, nickel plated
 - Type HN / HBN
Stainless steel AISI 305
- Pressure spring
Stainless steel AISI 301
- *Stainless Steel Characteristics* → Page 2166
- RoHS

Information

Spring loaded shells GN 610 are used for indexing and locking. A special feature is their large spring travel with a compact size.

A simple hole is sufficient for installation. Pre-tensioning and securing of the spring loaded shells must be ensured by the opposing stop piece.

Type HBN has a collar to prevent the spring-loaded shell from springing out the front. A simple stepped hole is sufficient for installation. The part is secured from the back side, such as with a plate or a threaded stud.

see also...

- *Spring Plungers GN 614.4 (Stainless Steel)* → Page QVX
- *Spring Plungers GN 614 (Steel / Stainless Steel)* → Page QVX
- *Spring Plungers GN 614.2 (Double Ended)* → Page QVX
- *Spring Plungers GN 614.3 (Stainless Steel)* → Page QVX
- *Spring Plungers GN 614.5* → Page QVX

How to order

GN 610-3,4-15-H

1	d
2	l ₀
3	Type

