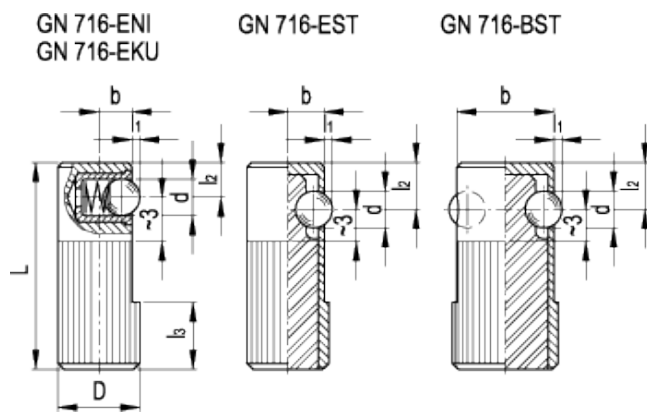


# GN 716

Side thrust pins



## technical informations

### Material

Black-oxide steel.

### Ball housing

- Execution ENI, EKU: technopolymer.
- Execution EST, BST: black-oxide steel.

### Ball

- Execution EKU: acetal resin.
- Execution EST, BST: steel.
- Execution ENI: stainless steel.

### Spring

- Execution ENI, EKU: stainless steel.
- Execution EST, BST: elastomer.

### Features and applications

GN 716 side thrust pins are designed for holding positioning and locating a work piece.  
 To ensure a positive hold, the steel body have to be pressed into the housing by at least the dimension l3. If these pins are stored over an extended period, the elastomer spring parts should be kept load free.

Standard Elements	Main dimensions							Spring pressure		Weight	Location bore H8
Description	D	L	d	b	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Preload [N~]	Max load [N~]	g	
GN 716-8-EKU	8	25	3	3.2	0.9	3.6	6	2.5	6.5	9	8
GN 716-10-EKU	10	30	4	4	1	4.2	7	4.5	9	17	10
GN 716-12-EKU	12	35	5	5	1.5	4.8	9	6.5	13	29	12
GN 716-14-EKU	14	40	6.5	5.4	1.8	5.8	10	8	18	43	14
GN 716-8-ENI	8	25	3	3.2	0.9	3.6	6	2.5	6.5	9	8
GN 716-10-ENI	10	30	4	4	1	4.2	7	4.5	9	17	10
GN 716-12-ENI	12	35	5	5	1.5	4.8	9	6.5	13	29	12
GN 716-14-ENI	14	40	6.5	5.4	1.8	5.8	10	8	18	43	14
GN 716-10-EST	10	30	5.5	4.5	1	7	8	50	160	9	10
GN 716-12-EST	12	35	6.5	5.5	1.5	8	9	60	270	13	12
GN 716-14-EST	14	40	8	6.5	2	9	10	100	380	19	14
GN 716-16-BST	16	35	5.5	15	1.5	7	11	36	190	20	16
GN 716-18-BST	18	40	6.5	17	1.8	8	12	38	270	27	18
GN 716-22-BST	22	45	8	21	2.5	9	15	40	410	43	22



STANDARD MACHINE ELEMENTS WORLDWIDE