

MATERIAL

Hardened steel, class 10.9 (tensile strength 1000 N/mm²).

STANDARD EXECUTIONS

- **GN 709.8-B**: hardened steel flat-faced ball (54+2 HRC).
- **GN 709.8-K**: acetal resin based (POM) technopolymer flat-faced ball, natural colour.
- **GN 709.8-R**: hardened steel knurled flat-faced ball (54+2 HRC).

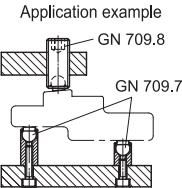
RETAINING RING

NBR synthetic rubber O-Ring.

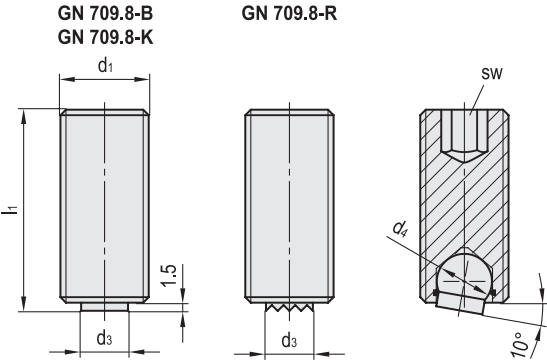
FEATURES AND APPLICATIONS

GN 709.8 grub screws are suitable for clamping of parts to be machined. The flat-faced (non-reversible) ball allows to compensate for any misalignment of the contact surfaces up to 10°.

The O-ring keeps the ball in position and prevents the penetration of dirt.



Conversion Table	
1 mm = 0.039 inch	
l1	
mm	inch
25	0.98
35	1.38
50	1.97



METRIC

Code	Description	d1	d3	d4	l1 ±0.13	sw	⚖
GN.36981	GN 709.8-M12-25-B	M12	6	7	25	6	25
GN.36984	GN 709.8-M12-35-B	M12	6	7	35	6	22
GN.36987	GN 709.8-M12-50-B	M12	6	7	50	6	32
GN.36991	GN 709.8-M16-25-B	M16	8.5	10	25	8	27
GN.36994	GN 709.8-M16-35-B	M16	8.5	10	35	8	40
GN.36997	GN 709.8-M16-50-B	M16	8.5	10	50	8	60
GN.36982	GN 709.8-M12-25-K	M12	6	7	25	6	13
GN.36985	GN 709.8-M12-35-K	M12	6	7	35	6	20
GN.36988	GN 709.8-M12-50-K	M12	6	7	50	6	31
GN.36992	GN 709.8-M16-25-K	M16	8.5	10	25	8	23
GN.36995	GN 709.8-M16-35-K	M16	8.5	10	35	8	36
GN.36998	GN 709.8-M16-50-K	M16	8.5	10	50	8	56
GN.36983	GN 709.8-M12-25-R	M12	6	7	25	6	15
GN.36986	GN 709.8-M12-35-R	M12	6	7	35	6	22
GN.36989	GN 709.8-M12-50-R	M12	6	7	50	6	32
GN.36993	GN 709.8-M16-25-R	M16	8.5	10	25	8	26
GN.36996	GN 709.8-M16-35-R	M16	8.5	10	35	8	36
GN.36999	GN 709.8-M16-50-R	M16	8.5	10	50	8	59