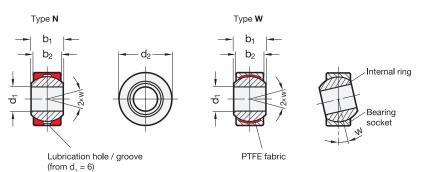
GN 648.8 Ball Joints

Steel







🕴 Туре

 N Bronze / Steel, lubrication possible
W Steel PTFE / Steel, self lubricated

* In deviation from DIN ISO 12240-1

U	2			
d ₁ H7	d ₂ h6	b ₁ -0,2	b ₂	w Movement angle
5	13	8	6	13°
6	16	9	6,75	13°
8	19	12	9	14°
10	22	14	10,5	13°
12	26	16	12	13°
14	28*	19	13,5	16°
16	32	21	15	15°
18	35	23	16,5	15°
20	40	25	18	14°
22	42	28	20	15°
25	47	31	22	15°
30	55	37	25	17°

Specification

Pairings

- Type N (lubrication possible) Bearing socket Brass, CuSn8 Internal ring Steel 100 Cr6 Hardened, ground, polished

- Type W (self lubricated) Bearing socket Steel, zinc plated with PTFE insert Internal ring Steel, 100Cr6 Hardened, ground, polished
- ISO Fundamental Tolerances → Page 2151
- RoHS

Information

Ball joints GN 648.8 are similar to DIN ISO 12240-4, series K.

In deviation from the official standard sheet, the ball joints of size $d_1=14$ are delivered with an outer diameter of $d_2=28$ (in place of $d_2=29$).

These ball joints are integrated in the ball joint heads GN 648.1 and GN 648.2.

see also ...

- More Information to Ball Joints as well as Load Capacity → Page 1654
- Ball Joint Heads with Internal Thread GN 648.1 → Page 1656
- Ball Joint Heads with Threaded Bolt GN 648.2 → Page 1657

How to order		d ₁
QN 648.8-16-32-W		d ₂
		Туре