



3 Type

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

1

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°

* DIN ISO 12240-1: Ø 29

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 323

• RoHS compliant

Information

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

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

see also...

- Ball joint heads with female thread GN 648.1
→ Main Catalogue Page 948
- Ball joint heads with threaded bolt GN 648.2
→ Main Catalogue Page 949

How to order

GN648.8-16-32-W

- 1** d_1
- 2** d_2
- 3** Type