



3 Type (Pairings)

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

Metric table

1 d_1 H7 Bore	2 d_2 h6	$b_1 -0.2$	b_2	w Max. tilting angle
5 0.20	13 0.51	8 0.31	6 0.24	13°
6 0.24	16 0.63	9 0.35	6.75 0.27	13°
8 0.31	19 0.75	12 0.47	9 0.35	14°
10 0.39	22 0.87	14 0.55	10.5 0.41	13°
12 0.47	26 1.02	16 0.63	12 0.47	13°
14 0.55	28 1.10	19 0.75	13.5 0.53	16°
16 0.63	32 1.26	21 0.83	15 0.59	15°
18 0.71	35 1.38	23 0.91	16.5 0.65	15°
20 0.79	40 1.57	25 0.98	18 0.71	14°
22 0.87	42 1.65	28 1.10	20 0.79	15°
25 0.98	47 1.85	31 1.22	22 0.87	15°
30 1.18	55 2.17	37 1.46	25 0.98	17°

Dimensions in: millimeters - inches

Specification

- Pairings
 - Type N (lubrication possible)
 - Bearing socket
 - Bronze, CuSn8
 - Internal ring
 - Steel 100Cr6
 - Hardened, ground, polished
 - Type W (self-lubricating)
 - Bearing socket
 - Steel, zinc plated
 - With PTFE insert
 - Internal ring
 - Steel, 100Cr6
 - Hardened, ground, polished

• ISO Fundamental Tolerances → page 2129

• RoHS compliant

Information

GN 648.8 spherical plain bearings are integrated in the GN 648.1 and GN 648.2 rod end bearings.

see also...

- Further Information on Spherical Plain Bearings as well as Load Values → www.jwwinco.com
- Rod End Bearings GN 648.1 (Steel, Tapped Type) → www.jwwinco.com
- Rod End Bearings GN 648.2 (Steel, with Threaded Stem) → www.jwwinco.com
- Spherical Plain Bearings GN 648.9 (Stainless Steel) → page 1743

How to order	1 Bore d_1
GN648.8-16-32-W	2 Outside diameter d_2
	3 Type