



- 3 Type (Pairings)**
- NH** Bronze / Steel lubrication possible
 - WH** Bronze PTFE / Steel self lubricated
 - WK** Stainless steel PTFE / self lubricated

1 d ₁ H7	2 d ₂	Left hand thread	b ₁ -0,12	b ₂	d ₃	d ₄	l ₁	l ₂	l ₃	w	Movement angle
5*	M 5	M 5L	8	6	7,7	18	33	42	20	13°	
6	M 6	M 6L	9	6,75	8,9	20	36	46	22	13°	
8	M 8	M 8L	12	9	10,4	24	42	54	25	14°	
10	M 10	M 10L	14	10,5	12,9	28	48	62	29	13°	
12	M 12	M 12L	16	12	15,4	32	54	70	33	13°	
14	M 14	M 14L	19	13,5	16,8	36	60	78	38	16°	
16	M 16	M 16L	21	15	19,3	42	66	87	40	15°	
18	M 18 x 1,5	M 18 x 1,5L	23	16,5	21,8	46	72	95	44	15°	
20	M 20 x 1,5	M 20 x 1,5L	25	18	24,3	50	78	103	47	14°	
22**	M 22 x 1,5	M 22 x 1,5L	28	20	25,8	54	84	111	51	15°	
25	M 24 x 2	M 24 x 2L	31	22	29,6	60	94	124	58	15°	
30	M 30 x 2	M 30 x 2L	37	25	34,8	70	110	145	71	17°	

* d₁ = 5 type NH no lubrication possible ** in type NH not available from stock, requires a minimum order quantity

Specification

- Housing stainless steel AISI 431 Forged, polished
- Pairings
 - Type NH (lubrication possible) Bearing socket bronze CuSn8 Internal ring steel 100Cr6 Hardened, ground, polished, **Hard chrome plated**
 - Type WH (self lubricated) Bearing socket bronze CuSn8 with PTFE insert Internal ring steel 100Cr6 Hardened, ground, polished, **Hard chrome plated**
 - Type WK (self lubricated) Bearing socket, stainless steel AISI 316Ti with PTFE insert Internal ring, stainless steel AISI 420 Hardened, ground, polished

• RoHS

Information

Ball joint heads GN 648.6 are similar to DIN ISO 12240-4, series K (formerly DIN 648 K).

see also...

- *More Information to Ball Joint Heads as well as Load Capacity* → Page 1654
- *Ball Joint Heads with Threaded Bolt GN 648.2 (Steel, Zinc Plated)* → Page 1657
- *Ball Joints GN 648.9* → Page 1661

On request

- Narrow model (ISO 12240-1, series E)

How to order

GN 648.6-16-M16-NH

1	d ₁
2	d ₂
3	Type