

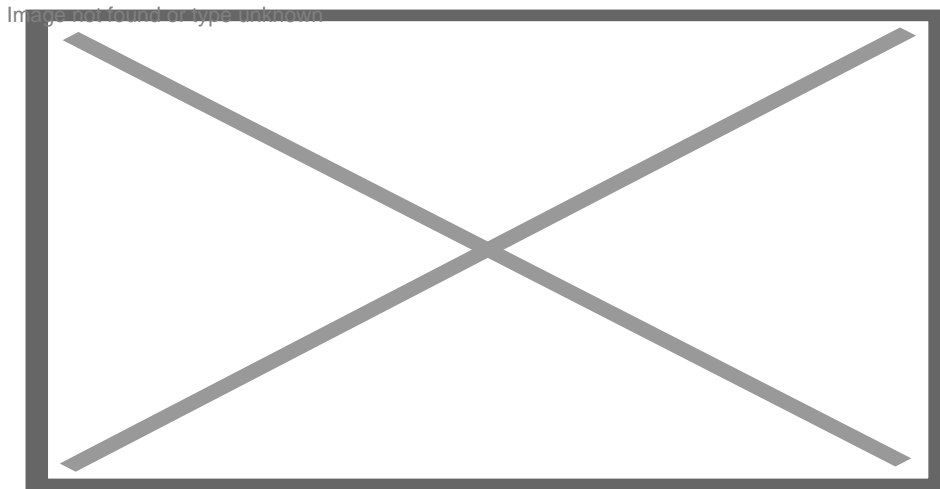
## Ball joints with female thread GN 648.5

### Ball joints with female thread in stainless steel two models:

NH model: spherical body made of CuSn8 bronze, inner ring made of hardened steel, ground and polished, chrome-plated.

WH model: CuSn8 bronze spherical body with PTFE insert, hardened steel inner ring, ground and polished, chrome plated.

[Catalog access](#)



### Technical information

Elementos standard	Dimensiones principales												Movimiento del ángulo	Peso
Descripción	d1 H7	d2	b1 - 0.12	b2	d3	d4	d5	d6	l1	l2	A/F	t	w	g
GN 648.5-5-M5-NH	5	M5	8	6	7.7	18	9	11	27	36	9	10	13°	19
GN 648.5-5-M5-WH	5	M5	8	6	7.7	18	9	11	27	36	9	10	13°	18

GN 648.5-5-M5-WK	5	M5	8	6	7.7	18	9	11	27	36	9	10	13°	18
GN 648.5-5-M5L-NH	5	M5L	8	6	7.7	18	9	11	27	36	9	10	13°	19
GN 648.5-5-M5L-WH	5	M5L	8	6	7.7	18	9	11	27	36	9	10	13°	18
GN 648.5-5-M5L-WK	5	M5L	8	6	7.7	18	9	11	27	36	9	10	13°	18
GN 648.5-6-M6-NH	6	M6	9	6.75	8.9	20	10	13	30	40	11	12	13°	26
GN 648.5-6-M6-WH	6	M6	9	6.75	8.9	20	10	13	30	40	11	12	13°	25
GN 648.5-6-M6-WK	6	M6	9	6.75	8.9	20	10	13	30	40	11	12	13°	25
GN 648.5-6-M6L-NH	6	M6L	9	6.75	8.9	20	10	13	30	40	11	12	13°	26
GN 648.5-6-M6L-WH	6	M6L	9	6.75	8.9	20	10	13	30	40	11	12	13°	25
GN 648.5-6-M6L-WK	6	M6L	9	6.75	8.9	20	10	13	30	40	11	12	13°	25
GN 648.5-8-M8-NH	8	M8	12	9	10.4	24	12.5	16	36	48	13	16	14°	48
GN 648.5-8-M8-WH	8	M8	12	9	10.4	24	12.5	16	36	48	13	16	14°	44
GN 648.5-8-M8-WK	8	M8	12	9	10.4	24	12.5	16	36	48	13	16	14°	45
GN 648.5-8-M8L-NH	8	M8L	12	9	10.4	24	12.5	16	36	48	13	16	14°	48
GN 648.5-8-M8L-WH	8	M8L	12	9	10.4	24	12.5	16	36	48	13	16	14°	45
GN 648.5-8-M8L-WK	8	M8L	12	9	10.4	24	12.5	16	36	48	13	16	14°	44
GN 648.5-10-M10-NH	10	M10	14	10.5	12.9	28	15	19	43	57	17	20	13°	76
GN 648.5-10-M10-WH	10	M10	14	10.5	12.9	28	15	19	43	57	17	20	13°	70
GN 648.5-10-M10-WK	10	M10	14	10.5	12.9	28	15	19	43	57	17	20	13°	72
GN 648.5-10-M10L-NH	10	M10L	14	10.5	12.9	28	15	19	43	57	17	20	13°	75
GN 648.5-10-M10L-WH	10	M10L	14	10.5	12.9	28	15	19	43	57	17	20	13°	75
GN 648.5-10-M10L-WK	10	M10L	14	10.5	12.9	28	15	19	43	57	17	20	13°	70
GN 648.5-12-M12-NH	12	M12	16	12	15.4	32	17.5	22	50	66	19	22	13°	112
GN 648.5-12-M12-WH	12	M12	16	12	15.4	32	17.5	22	50	66	19	22	13°	109
GN 648.5-12-M12-WK	12	M12	16	12	15.4	32	17.5	22	50	66	19	22	13°	107
GN 648.5-12-M12L-NH	12	M12L	16	12	15.4	32	17.5	22	50	66	19	22	13°	111
GN 648.5-12-M12L-WH	12	M12L	16	12	15.4	32	17.5	22	50	66	19	22	13°	110
GN 648.5-12-M12L-WK	12	M12L	16	12	15.4	32	17.5	22	50	66	19	22	13°	107
GN 648.5-14-M14-NH	14	M14	19	13.5	16.8	36	20	25	57	75	22	25	16°	165
GN 648.5-14-M14-WH	14	M14	19	13.5	16.8	36	20	25	57	75	22	25	16°	164
GN 648.5-14-M14-WK	14	M14	19	13.5	16.8	36	20	25	57	75	22	25	16°	161
GN 648.5-14-M14L-NH	14	M14L	19	13.5	16.8	36	20	25	57	75	22	25	16°	163
GN 648.5-14-M14L-WH	14	M14L	19	13.5	16.8	36	20	25	57	75	22	25	16°	160
GN 648.5-14-M14L-WK	14	M14L	19	13.5	16.8	36	20	25	57	75	22	25	16°	158
GN 648.5-16-M16-NH	16	M16	21	15	19.3	42	22	27	64	85	22	28	15°	227
GN 648.5-16-M16-WH	16	M16	27	15	19.3	42	22	27	64	85	22	28	15°	222
GN 648.5-16-M16-WK	16	M16	21	15	19.3	42	22	27	64	85	22	28	15°	223
GN 648.5-16-M16L-NH	16	M16L	21	15	19.3	42	22	27	64	85	22	28	15°	225
GN 648.5-16-M16L-WH	16	M16L	21	15	19.3	42	22	27	64	85	22	28	15°	220
GN 648.5-16-M16L-WK	16	M16L	21	15	19.3	42	22	27	64	85	22	28	15°	313

GN 648.5-18-M18x1.5-NH	18	M18x1.5	23	16.5	21.8	46	25	31	71	94	27	32	15°	322
GN 648.5-18-M18x1.5-WH	18	M18x1.5	23	16.5	21.8	46	25	31	71	94	27	32	15°	309
GN 648.5-18-M18x1.5-WK	18	M18x1.5	23	16.5	21.8	46	25	31	71	94	27	32	15°	390
GN 648.5-18-M18x1.5L-NH	18	M18x1.5L	23	16.5	21.8	46	25	31	71	94	27	32	15	308
GN 648.5-18-M18x1.5L-WH	18	M18x1.5L	23	16.5	21.8	46	25	31	71	94	27	32	15°	305
GN 648.5-18-M18x1.5L-WK	18	M18x1.5L	23	16.5	21.8	46	25	31	71	94	27	32	15°	399
GN 648.5-20-M20x1.5-NH	20	M20x1.5	25	18	24.3	50	27.5	34	77	102	32	33	14°	401
GN 648.5-20-M20x1.5-WH	20	M20x1.5	25	18	24.3	50	27.5	34	77	102	32	33	14°	399
GN 648.5-20-M20x1.5-WK	20	M20x1.5	25	18	24.3	50	27.5	34	77	102	32	33	14°	401
GN 648.5-20-M20x1.5L-NH	20	M20x1.5L	25	18	24.3	50	27.5	34	77	102	32	33	14°	407
GN 648.5-20-M20x1.5L-WH	20	M20x1.5L	25	18	24.3	50	27.5	34	77	102	32	33	14°	400
GN 648.5-20-M20x1.5L-WK	20	M20x1.5L	25	18	24.3	50	27.5	34	77	102	32	33	14°	407
GN 648.5-22-M22x1.5-NH	22	M22x1.5	28	20	25.8	54	30	37	84	111	32	37	15°	510
GN 648.5-22-M22x1.5-WH	22	M22x1.5	28	20	25.8	54	30	37	84	111	32	37	15°	515
GN 648.5-22-M22x1.5-WK	22	M22x1.5	28	20	25.8	54	30	37	84	111	32	37	15°	515
GN 648.5-22-M22x1.5L-NH	22	M22x1.5L	28	20	25.8	54	30	37	84	111	32	37	15°	517
GN 648.5-22-M22x1.5L-WH	22	M22x1.5L	28	20	25.8	54	30	37	84	111	32	37	15°	535
GN 648.5-22-M22x1.5L-WK	22	M22x1.5L	28	20	25.8	54	30	37	84	111	32	37	15°	517
GN 648.5-25-M24x2-NH	25	M24x2	31	22	29.6	60	33.5	42	94	124	36	42	15°	734
GN 648.5-25-M24x2-WH	25	M24x2	31	22	29.6	60	33.5	42	94	124	36	42	15°	714
GN 648.5-25-M24x2-WK	25	M24x2	31	22	29.6	60	33.5	42	94	124	36	42	15°	712
GN 648.5-25-M24x2L-NH	25	M24x2L	31	22	29.6	60	33.5	42	94	124	36	42	15°	734
GN 648.5-25-M24x2L-WH	25	M24x2L	31	22	29.6	60	33.5	42	94	124	36	42	15°	730
GN 648.5-25-M24x2L-WK	25	M24x2L	31	22	29.6	60	33.5	42	94	124	36	42	15°	719
GN 648.5-30-M30x2-NH	30	M30x2	37	25	34.8	70	40	51	110	145	41	51	17°	1130
GN 648.5-30-M30x2-WH	30	M30x2	37	25	34.8	70	40	51	110	145	41	51	17°	1130
GN 648.5-30-M30x2-WK	30	M30x2	37	25	34.8	70	40	51	110	145	41	51	17°	1130
GN 648.5-30-M30x2L-NH	30	M30x2L	37	25	34.8	70	40	51	110	145	41	51	17°	1130

GN 648.5-30-M30x2L-WH	30	M30x2L	37	25	34.8	70	40	51	110	145	41	51	17°	1130
GN 648.5-30-M30x2L-WK	30	M30x2L	37	25	34.8	70	40	51	110	145	41	51	17°	1130