

Metric Rod Ends

GISW Type

Maintenance Free
PTFE Teflon Liner
Zinc Plated
Right & Left Hand - Internal Threads
Suited for Dynamic Loads

Housing: Sizes 5-12 turned from free-cutting steel to 9SMnPb28K, 12L13

Sizes 14-40 are forged from heat-treated steel to C22, M1023

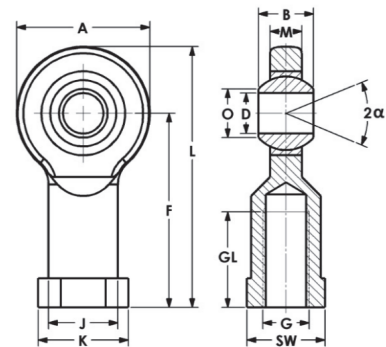
Size 50 turned from C45, AISI 1045, heat-treated steel

Insert: Free-cutting steel to 9SMnPb28K, 12L13, with PTFE teflon liner bonded to the inner surface

Ball: Bearing steel 100Cr6 (AISI 52100), hardened, ground, polished

Sizes 8-20 available as a sealed version on request

Models Available



Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C ₀ kN	Dynamic Load C kN	Max Speed RPM *	α°	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL					
GISW 5	GILSW 5	5	8	6.00	18	27	36	11	9.0	7.7	9	M5 x 0.8	10	8.0	7.5	600	13	18
GISW 5X4X0.7**	GILSW 5X4X0.7**	5	8	6.00	18	27	36	11	9.0	7.7	9	M4 x 0.7**	10	8.0	7.5	600	13	18
GISW 6	GILSW 6	6	9	6.75	20	30	40	13	10.0	8.9	11	M6 x 1.0	12	8.9	9.3	530	13	27
GISW 8	GILSW 8	8	12	9.00	24	36	48	16	12.5	10.4	13	M8 x 1.25	16	14.1	16.7	420	14	46
GISW 10	GILSW 10	10	14	10.50	28	43	57	19	15.0	12.9	17	M10 x 1.5	20	19.3	23.4	350	13	76
GISW 10X1.25**	GILSW 10X1.25**	10	14	10.50	28	43	57	19	15.0	12.9	17	M10 x 1.25	20	19.3	23.4	350	13	76
GISW 12	GILSW 12	12	16	12.00	32	50	66	22	17.5	15.4	19	M12 x 1.75	22	23.5	32.0	300	13	115
GISW 12X1.25**	GILSW 12X1.25	12	16	12.00	32	50	66	22	17.5	15.4	19	M12 x 1.25	22	23.5	32.0	300	13	115
GISW 14	GILSW 14	14	19	13.50	36	57	75	25	20.0	16.8	22	M14 x 2	25	21.0	42.0	260	16	170
GISW 14X1.5**	GILSW 14X1.5**	14	19	13.50	36	57	75	25	20.0	16.8	22	M14 x 1.5	25	21.0	42.0	260	16	170
GISW 16	GILSW 16	16	21	15.00	42	64	85	27	22.0	19.3	22	M16 x 2	28	32.0	52.5	230	15	230
GISW 16X1.5**	GILSW 16X1.5**	16	21	15.00	42	64	85	27	22.0	19.3	22	M16 x 1.5	28	32.0	52.5	230	15	230
GISW 18	GILSW 18	18	23	16.50	46	71	94	31	25.0	21.8	27	M18 x 1.5	32	38.5	64.0	210	15	320
GISW 20	GILSW 20	20	25	18.00	50	77	102	34	27.5	24.3	32	M20 x 1.5	33	44.0	78.0	190	14	415
GISW 22	GILSW 22	22	28	20.00	54	84	111	37	30.0	25.8	32	M22 x 1.5	37	53.0	97.0	170	15	540
GISW 25	GILSW 25	25	31	22.00	60	94	124	42	33.5	29.6	36	M24 x 2	42	62.0	122.0	150	15	750
GISW 30	GILSW 30	30	37	25.00	70	110	145	51	40.0	34.8	41	M30 x 2	51	82.0	168.0	130	17	1130
GISW 35	GILSW 35	35	43	28.00	80	125	165	58	46.0	37.7	50	M36 x 2	56	101.0	206.0	110	19	1600
GISW 40	GILSW 40	40	49	35.00	90	142	187	69	57.0	44.2	60	M42 x 2	60	124.0	286.0	100	16	2770

Note: * Only recommended for short term revolutions. Size 50 available on request. **Fine Threads.

GASW Type

Maintenance Free
PTFE Teflon Liner
Zinc Plated
Right & Left Hand - External Threads
Suited for Dynamic Loads

Housing: Sizes 5-12 turned from free-cutting steel to 9SMnPb28K, 12L13

Sizes 14-40 are forged from heat-treated steel to C22, M1023

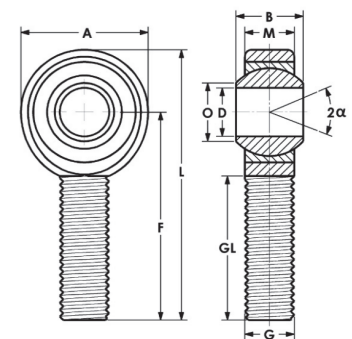
Size 50 turned from C45, AISI 1045, heat-treated steel

Insert: Free-cutting steel to 9SMnPb28K, 12L13, with PTFE Teflon liner bonded to the inner surface

Ball: Bearing steel 100Cr6 (AISI 52100), hardened, ground, polished

Sizes 8-20 available as a sealed version on request

Models Available



Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C ₀ kN	Dynamic Load C kN	Max Speed RPM *	α°	Wt. g
			B	M	A	F	L	O	G	GL					
GASW 5	GALSW 5	5	8	6.00	18	33	42	7.7	M5 x 0.8	20	4.3	7.5	600	13	13
GASW 6	GALSW 6	6	9	6.75	20	36	46	8.9	M6 x 1.0	22	6.0	9.3	530	13	20
GASW 8	GALSW 8	8	12	9.00	24	42	54	10.4	M8 x 1.25	25	11.0	16.7	420	14	33
GASW 10	GALSW 10	10	14	10.50	28	48	62	12.9	M10 x 1.50	29	17.4	23.4	350	13	56
GASW 12	GALSW 12	12	16	12.00	32	54	70	15.4	M12 x 1.75	33	23.5	32.0	300	13	87
GASW 14	GALSW 14	14	19	13.50	36	60	78	16.8	M14 x 2	36	21.0	42.0	260	16	129
GASW 16	GALSW 16	16	21	15.00	42	66	87	19.3	M16 x 2	40	32.0	52.5	230	15	189
GASW 18	GALSW 18	18	23	16.50	46	72	95	21.8	M18 x 1.5	44	38.5	64.0	210	15	267
GASW 20	GALSW 20	20	25	18.00	50	78	103	24.3	M20 x 1.5	47	44.0	78.0	190	14	348
GASW 22	GALSW 22	22	28	20.00	54	84	111	25.8	M22 x 1.5	51	53.0	97.0	170	15	443
GASW 25	GALSW 25	25	31	22.00	60	94	124	29.6	M24 x 2	58	62.0	122.0	150	15	600
GASW 30	GALSW 30	30	37	25.00	70	110	145	34.8	M30 x 2	71	82.0	168.0	130	17	1030
GASW 35	GALSW 35	35	43	28.00	80	125	165	37.7	M36 x 2	73	101.0	206.0	110	19	1600
GASW 40	GALSW 40	40	49	35.00	90	142	187	44.2	M42 x 2	78	124.0	286.0	100	16	2570

Note: * Only recommended for short term revolutions. Size 50 available on request.