FUSCO

Rod End

Main Application:

Industrial equipment
Transportation equipment
Construction equipment
Agricultural equipment
Lawn & Garden equipment

FUSCO INDUSTRY CO.LTD.

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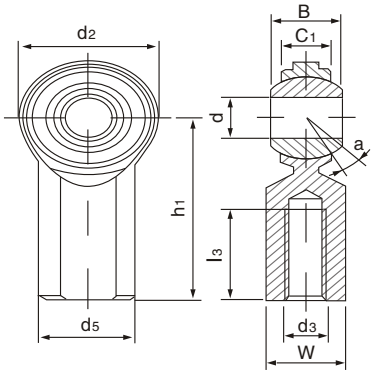
CF,CF..S, 2 piece metal to metal

Maintenance required



Part No.	Dimensions mm										Load ratings kN	Weight kg
	d	d_3	B	C_1	d_2	h_1	L_3	d_K	w	a		
		2B					min			≈		
CF3*	4.826	10–32	7.92	5.94	15.88	26.97	12.70	11.10	7.92	10	9.247	0.018
CF4*	6.350	1/4–28	9.53	6.35	19.05	33.32	17 .45	12.80	9.53	13.5	14.269	0.023
CF5*	7.938	5/16–24	11.10	7.92	22.23	34.93	17.45	15.88	11.1	11	17.009	0.036
CF6	9.525	3/8–24	12.70	9.12	25.40	41.28	20.62	18.26	14.27	11	22.627	0.059
CF7	11.113	7/16–20	14.27	10.31	28.58	46.02	23.80	20.62	15.88	10.5	28.400	0.082
CF8	12.70	1/2–20	15.88	11.5	33.32	53.98	26.97	23. 80	19.05	10	40.459	0.132
CF10	15.875	5/8–18	19.05	12.29	38.10	63.50	34.93	25.58	22.23	13	43.203	0.195
Cf12	19.05	3/4–16	22.23	15.06	44.45	73.03	39.67	33.32	25.40	12	63.193	0.295

–**Right & Left Hand Threads**
Load ratings apply only to rod ends without grease fittings. For ratings with grease fittings, please contact us. Grease fittings and stud configurations available.

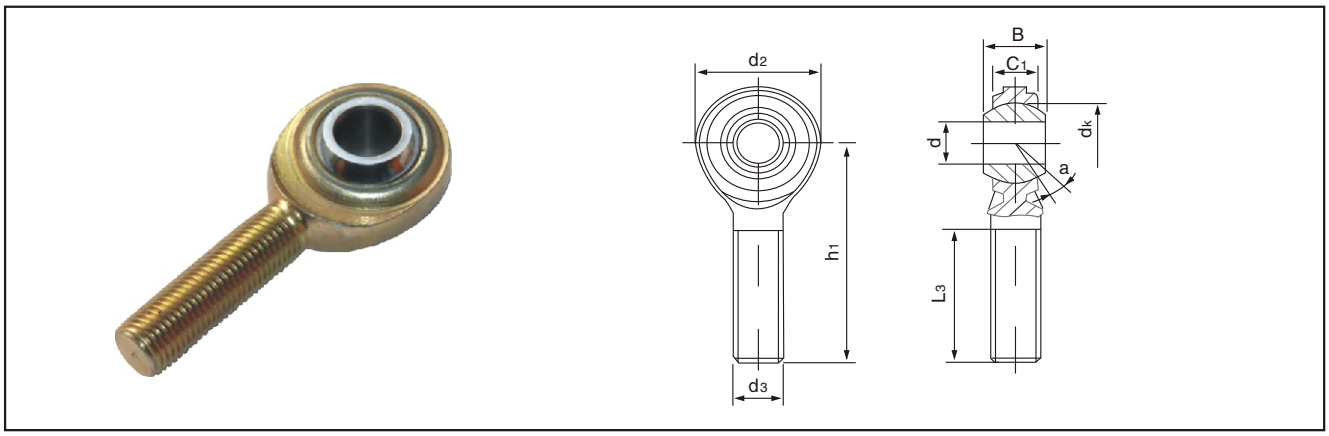
–**Ball**
52100 Bearing Steel
Heat Treated
Hard Chrome Plated
Precision Ground

–**Body**
Carbon Steel

–Protective Coated for Corrosion Resistance
–In inch dimension series.
–For left–hand thread, please add suffix "L", e.g. CFL 10.
–Lubricating hole or grease nipple isn't available for sizes marked "*".
–When a grease nipple is required for other sizes, please use the sign CF..S.

CM,CM..S, 2 piece metal to metal

Maintenance required



Part No.	Dimensions mm									Load ratings kn		Weight kg
	d	d_3	B	C_1	d_2	h_1	L_3	d_k	a	dyn	stat	
		3A					min		≈	C	C0	
CM3*	4.826	10–32	7.92	5.94	15.88	31.75	19.05	11.10	10	5.355		0.014
CM4*	6.350	1/4–28	9.53	6.35	19.05	39.67	25.40	12.70	13.5	9.839		0.018
CM5*	7.938	5/16–24	11.10	7.92	22.23	47.63	31.75	15.88	11	15.910		0.032
CM6	9.525	3/8–24	12.70	9.12	25.40	49.23	31.75	18.26	11	22.542		0.050
CM7	11.113	7/16–20	14.27	10.31	28.58	53.98	34.93	20.62	10.5	28.223		0.068
CM8	12.700	1/2–20	15.88	11.5	33.32	61.93	38.10	23.80	10	37.087		0.109
CM10	15.875	5/8–18	19.05	12.29	38.10	66.68	41.28	25.58	13	43.302		0.163
CM12	19.050	3/4–16	22.23	15.06	44.45	73.03	44.45	33.32	12	63.193		0.259

–Right & Left Hand Threads

Load ratings apply only to rod ends without grease fittings. For ratings with grease fittings, please contact us. Grease fittings and stud configurations available.

–Ball

52100 Bearing Steel
Heat Treated
Hard Chrome Plated
Precision Ground

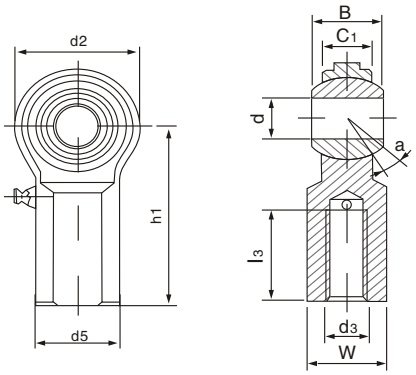
–Body

Carbon Steel
Protective Coated for Corrosion Resistance

–In inch dimension series.
–For left–hand thread, please add suffix "L", e.g. CML 10.
–Lubricating hole or grease nipple isn't available for sizes marked "*".
–When a grease nipple is required for other sizes, please use the sign CM..S.

JF,JF..S series

Maintenance required

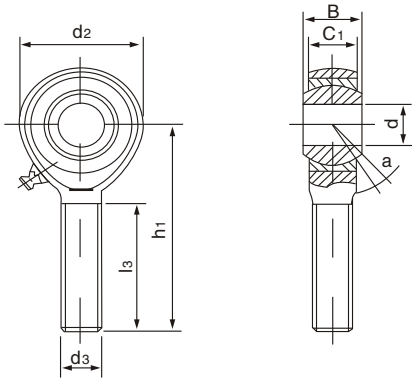


Part No.	Dimensions mm										Load ratings kN	Weight kg
	d	d_3	B	C_1	d_2	h_1	L_3	d_K	W	a		
		2B					min			≈		
JF2*	3.175	6–32	6.35	4.75	12.70	20.62	11.10	7.92	6.35	8	5.344	0.009
JF3*	4.826	10–32	7.92	6.35	15.88	26.97	14.27	11.10	7.92	6.5	6.805	0.017
JF4*	6.350	1/4–28	9.53	7.14	19.05	33.32	19.05	12.70	9.53	8	11.297	0.027
JF5*	7.938	5/16–24	11.10	8.74	22.23	34.93	19.05	15.88	11.10	7	13.934	0.042
JF6	9.525	3/8–24	12.70	10.31	25.40	41.28	23.80	18.26	14.27	6	1 7.416	0.069
JF7	11.113	7/16–20	14.27	11.10	28.58	46.02	26.97	20.62	15.88	7	18.759	0.090
JF8	12.70	1/2–20	15.88	12.70	33.32	53.98	30.15	23.80	19.05	6	29.624	0.149
JF10	15.875	5/8–18	19.05	14.27	38.10	63.50	38.10	28.58	22.23	8	32.752	0.216
JF12	19.05	3/4–16	22.23	17.45	44.45	73.03	44.45	33.32	25.40	7	51.237	0.328
JF14	22.225	7/8–14	22.23	19.43	50.80	85.73	47.63	34.93	28.58	3.5	82.185	0.467
JF14–1	22.225	7/8–14	22.23	17.45	50.80	88.90	46.02	33.32	30.15	6	101.601	0.467
JF16	25.40	11/4–12	34.93	25.40	69.58	104.78	53.98	47.63	38.10	8.5	193.670	0.964
JF16–1	25.40	1–14	34.93	25.40	69.85	104.78	53.98	47.63	38.10	8.5	193.670	1.093
JF16–2	25.40	1–12	34.93	25.40	69.85	104.78	53.98	47.63	38.10	8.5	193.670	1.093

–**Right & Left Hand Female Threads**
–**Body**
low carbon steel,zinc plated,chromate treated
–**Ball**
GCr15,equivalent 52100 steel,RC 56 min.,hard chromate plated.
–**Outer Race**
lined with bronze liner.
–In inch dimension series.
–For left–hand thread,please add surffix "L",e.g.JFL 10.
–Lubricating hole or grease nipple isn't available for sizes marked "*".
–When a grease nipple is required for other sizes,please use the sign JF..S.

JM,JM..S series

Maintenance required



Part No.	Dimensions mm									Load ratings kN		Weight kg
	d	d_3	B	C_1	d_2	h_1	L_3	d_k	a	dyn	stat	
		3A					min		≈	C	C0	
JM2*	3.175	6–32	6.35	4.75	12.70	23.80	14.27	7.92	8	2.236		0.006
JM3*	4.826	10–32	7.92	6.35	15.88	31.75	19.05	11.10	6.5	5.197		0.013
JM4*	6.350	1/4–28	9.53	7.14	19.05	39.67	25.40	12.70	8	9.600		0.020
JM5*	7.938	5/16–24	11.10	8.74	22.23	47.63	31.75	15.88	7	12.385		0.033
JM6	9.525	3/8–24	12.70	10.31	25.40	49.23	31.75	18.26	6	17.416		0.051
JM7	11.113	7/16–20	14.27	11.10	28.58	53.98	34.93	20.62	7	18.759		0.073
JM8	12.70	1/2–20	15.88	12.70	33.32	61.93	38.10	23.80	6	29.624		0.113
JM10	15.875	5/8–18	19.05	14.27	38.10	66.68	41.28	28.58	8	32.752		0.173
JM12	19.05	3/4–16	22.23	17.45	44.45	73.03	44.45	33.32	7	51.237		0.273
JM14	22.225	7/8–14	22.23	19.43	50.80	85.73	50.80	34.93	3.5	82.185		0.411
JM14–1	22.225	7/8–14	22.23	17.45	50.80	85.73	47.63	33.32	6	101.601		0.411
JM16	25.40	1 1/4–12	34.93	25.40	69.85	104.78	53.98	47.63	8.5	193.670		1.091
JM16–1	25.40	1–14	34.93	25.40	69.85	104.78	53.98	47.63	8.5	193.670		0.965
JM16–2	25.40	1–12	34.93	25.40	69.85	104.78	53.98	47.63	8.5	193.670		0.965

–Right & Left Hand Male Threads

–Body

low carbon steel,zinc plated,chromate treated

–Ball

GCr15,equivalent 52100 steel,RC 56 min.,hard chromate plated.

–Outer race

lined with bronze liner.

–In inch dimension series.

–For left–hand thread,please add surffix "L",e.g.JML 10.

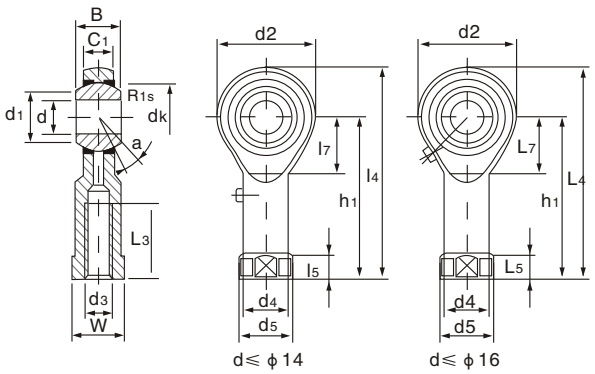
–Lubricating hole or grease nipple isn't available for sizes marked "*".

–When a grease nipple is required for other sizes,please use the sign JM..S.

–Load ratings apply only to rod ends without lubricating hole or grease nipple.

PHS series

Maintenance required



Part No.															Loadratings kn		Weight kg
	d	d_3	B	C_1	L_3	W	d_2	d_1	h_1	L_4	L_5	d_4	d_5	d_k	a	dyn	stat	
		6H			min										≈	C	C0	
PHS5	5	M5x0.8	8	6	10	9	16	7.7	27	35	4	8.5	11	11.11	13	3.25	5.70	0.016
PHS6	6	M6x1.0	9	6.75	12	11	18	8.96	30	39	5	10.0	13	12.70	13	4.30	7.20	0.022
PHS8	8	M8x1.25	12	9	16	14	22	10.4	36	47	5	12.5	16	15.875	14	7.20	11.6	0.047
PHS10	10	M10x1.5	14	10.5	20	17	26	12.9	43	56	6.5	15.0	19	19.05	13	10.0	14.5	0.077
PHS10–1	10	M10x1.25	14	10.5	20	17	26	12.9	43	56	6.5	15.0	19	19.05	13	10.0	14.5	0.077
PHS12	12	M12x1.75	16	12	22	19	30	15.4	50	65	6.5	17.5	22	22.225	13	13.4	17.0	0.10
PHS12–1	12	M12x1.25	16	12	22	19	30	15.4	50	65	6.5	17.5	22	22.225	13	13.4	17.0	0.10
PHS14	14	M14x2.0	19	13.5	25	22	34	16.9	57	74	8	20.0	25	25.40	16	17.0	24.0	0.16
PHS14–1	14	M14x1.5	19	13.5	25	22	34	16.9	57	74	8	20.0	25	25.40	16	17.0	24.0	0.16
PHS16	16	M16x2.0	21	15	28	22	40	19.4	64	84	8	22.0	27	28.575	15	21.6	28.5	0.22
PHS16–1	16	M16x1.5	21	15	28	22	40	19.4	64	84	8	22.0	27	28.575	15	21.6	28.5	0.22
PHS18	18	M18x1.5	23	16.5	32	27	44	21.9	71	93	10	25.0	31	31.75	15	26.0	42.5	0.32
PHS20	20	M20x1.5	25	18	33	30	50	24.4	77	102	10	27.5	34	34.925	14	21.5	42.5	0.42
PHS22	22	M22x1.5	28	20	37	32	54	25.8	84	111	12	30.0	38	38.10	15	38.0	57.0	0.54
PHS25	25	M24x2.0	31	22	42	36	60	29.6	94	124	12	33.5	42	42.85	15	47.5	68.0	0.73
PHS28	28	M27x2.0	35	24	48	41	66	32.3	103	136	14	37.5	46	47.60	15	58.0	75.0	0.98
PHS30	30	M30x2.0	37	25	51	41	70	34.8	110	145	15	40.0	50	50.80	17	64.0	88.0	1.10

–Right & left–hand female thread.

–Body

Low carbon steel,zinc plated,yellow/clear or white–blue passivated.

–Ball

GCr15,equivalent SAE52100 steel,RC 56 min.,hard chromate plated.

–Outer race Lined with bronze liner.

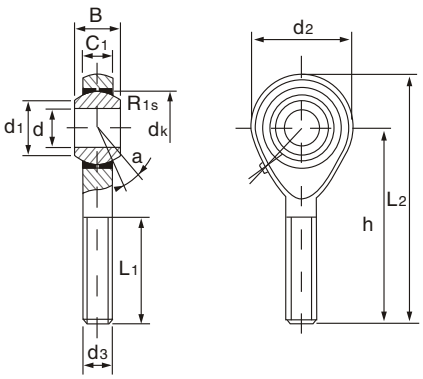
–Surface of body zinc plated,

–Body with a lubricating hole or grease nipple.

–For left–hand thread,please add suffix "L",e.g.PHSL 8.

POS series

Maintenance required



Part No.	Dimensions mm												Load ratings kN		Weight kg
	d	d3	B	C_1	L_1	d_1	d_2	h	L_2	d_k	R_{1s}	a	dyn	stat	
		6g			min							≈	C	C_0	
POS5	5	M5x0.8	8	6	20	7.7	16	33	41	11.11	0.3	13	3.25	5.70	0.013
POS6	6	M6x1.0	9	6.75	22	8.96	18	36	45	12.70	0.3	13	4.30	7.20	0.020
POS8	8	M8x1.25	12	9	25	10.4	22	42	53	15.875	0.3	14	7.20	11.6	0.030
POS10	10	M10x1.5	14	10.5	29	12.9	26	48	61	19.05	0.3	13	10.0	14.5	0.055
POS12	12	M12x1.75	16	12	33	15.4	30	54	69	22.225	0.3	13	13.4	17.0	0.085
POS14	14	M14x2.0	19	13.5	36	16.9	34	60	77	25.40	0.3	16	17.0	24.0	0.14
POS16	16	M16x2.0	21	15	40	19.4	40	66	86	28.575	0.3	15	21.6	28.5	0.21
POS18	18	M18x1.5	23	16.5	44	21.9	44	72	94	31.75	0.3	15	26.0	42.5	0.28
POS20	20	M20x1.5	25	18	47	24.4	50	78	103	34.925	0.3	14	31.5	52.5	0.38
POS22	22	M22x1.5	28	20	51	25.8	54	84	111	38.10	0.3	15	38.0	57.0	0.48
POS25	25	M24x2.0	31	22	57	29.6	60	94	124	42.85	0.3	15	47.5	68.0	0.64
POS28	28	M27x2.0	35	24	62	213	66	103	136	47.60	0.3	15	58.0	75.5	0.96
POS30	30	M30x2.0	37	25	66	34.8	70	110	145	50.80	0.3	17	64.0	88.0	1.10

–Right & left–hand male thread.

–Body

Low carbon steel,zinc plated,yellow/clear or white–blue passivated.

–Ball

GCr15,equivalent SAE 52100 steel,RC 56 min.,hard chromate plated.

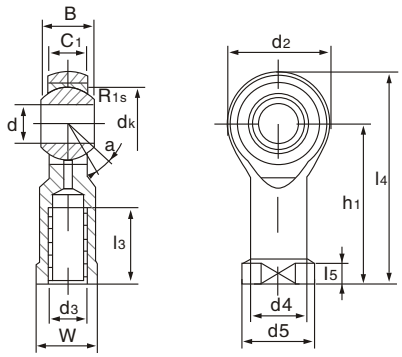
–Outer race Lined with bronze liner.

–Surface of rod body zinc plated,rot body with a lubricating hole or grease nipple.

–For left–hand thread,please add suffix "L",e.g.POSL 8.

SI..T/K series

Maintenance free



Part No.	Dimensions mm														Load ratings kN		Weight kg
	d	d_3	B	C_1	L_3	W	d_2	h_1	L_4	L_5	d_4	d_5	d_k	a	dyn	stat	
		6H			min									≈	C	C0	
SI5T/K	5	M5x0.8	8	6	10	9	18	27	36	4	8.5	11	11.11	13	5.70	6.00	0.016
SI6T/K	6	M6x1.0	9	6.75	12	11	20	30	40	5	10	13	12.70	13	7.20	7.65	0.022
SI8T/K	8	M8x1.25	12	9	16	14	24	36	48	5	12.5	16	15.875	14	11.60	12.9	0.047
SI10T/K	10	M10x1.5	14	10.5	20	17	28	43	57	6.5	15	19	19.05	13	14.5	18.0	0.077
SI12T/K	12	M12x1.25	16	12	22	19	32	50	66	6.5	17.5	22	22.225	13	17.0	24.0	0.100
SI14T/K	14	M14x2.0	19	13.5	25	22	36	57	75	8	20	25	25.40	16	24.0	31.0	0.160
SI16T/K	16	M16x2.0	21	15	28	22	42	64	85	8	22	27	28.575	15	28.5	39.0	0.220
SI18T/K	18	M18x1.5	23	16.5	32	27	44	71	93	10	25	31	31.75	15	42.5	47.5	0.320
SI20T/K	20	M20x1.5	25	18	33	30	50	77	102	10	27.5	34	34.925	14	42.5	57.0	0.420
SI22T/K	22	M22x1.5	28	20	37	32	54	84	111	12	30	38	38.10	15	57.0	68.0	0.540
SI25T/K	25	M24x2.0	31	22	42	36	60	94	124	12	33.5	42	42.85	15	68.0	85.0	0.720
SI28T/K	28	M27x2.0	35	24	51	41	66	103	136	14	37	46	47.60	15	86.0	107.0	0.820
SI30T/K	30	M30x2.0	37	25	51	41	70	110	145	15	40	50	50.80	17	88.0	114.0	1.100
SI35T/K	35	M36x2.0	43	28	56	50	81	125	165.5	17	46	58	57.10	16			1.600
SI40T/K	40	M42x2.0	49	33	60	55	91	142	187.5	19	53	65	66.60	17			2.400
SI50T/K	50	M48x2.0	60	45	65	65	117	160	218.5	23	65	75	82.50	12			5.000

–Right & left–hand female thread.

–Body

Low carbon steel,zinc plated,yellow/clear or white–blue passivated.

–Ball

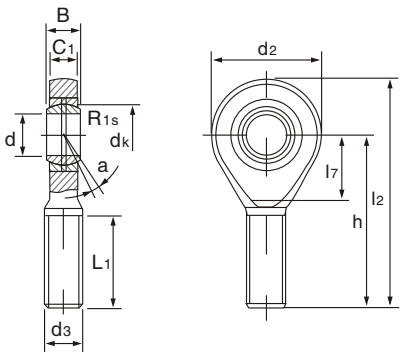
GCr15,equivalent SAE52100 steel,RC 56 min.,hard chromate plated.

–Outer race Lined with bronze liner and PTFE.

–For left–hand thread,please add suffix "L",e.g.SIL18T/K.

SA..T/K

Maintenance free



Part No.	Dimensions mm												Load ratings kN		Weight kg
	d	d_3	B	C_1	L_1	d_2	L_7	h	L_2	d_k	R_{1s}	a	dyn	stat	
		6g			min.		min.					≈	C	C_0	
SA5T/K	5	M5x0.8	8	6	19	18		33	42	11.11	0.3	13	5.70	6.00	0.013
SA6T/K	6	M6x1.0	9	6.75	21	20		36	46	12.70	0.3	13	7.20	7.65	0.020
SA8T/K	8	M8x1.25	12	9	25	24		42	54	15.875	0.3	14	11.6	12.9	0.038
SA10T/K	10	M10x1.5	14	10.5	28	28		28	62	19.05	0.3	13	14.5	18.0	0.055
SA12T/K	12	M12x1.75	16	12	32	32		54	70	22.225	0.3	13	17.0	24.0	0.085
SA14T/K	14	M14x2.0	19	13.5	36	36	18	60	78	25.40	0.3	16	24.0	31.0	0.14
SA16T/K	16	M16x2.0	21	15	37	42	21	66	87	28.575	0.3	15	28.5	39.0	0.21
SA18T/K	18	M18x1.5	23	16.5	41	44	22	72	94	31.75	0.3	15	42.5	47.5	0.28
SA20T/K	25	M20x1.5	25	18	45	50	25	78	103	34.925	0.3	14	42.5	57.0	0.38
SA22T/K	22	M22x1.5	28	20	48	54	27	84	111	38.10	0.3	15	57.0	68.0	0.48
SA25T/K	25	M24x2.0	31	22	55	60	30	94	124	42.85	0.3	15	68.0	85.0	0.64
SA28T/K	28	M27x2.0	35	24	62	66	33	103	136	47.60	0.3	15	86.0	107.0	0.80
SA30T/K	30	M30x2.0	37	25	66	70	35	110	145	50.80	0.3	17	88.0	114.0	1.10
SA35T/K	35	M36x2.0	43	28	85	81	41	140	180.5	57.10	0.3	16			1.64
SA40T/K	40	M42x2.0	49	33	90	91	46	150	195.5	66.60	0.3	17			2.30
SA50T/K	50	M48x2.0	60	45	105	117	59	185	243.5	82.50	0.3	12			4.80

–Right & left–hand male thread.

–Body

Low carbon steel,zinc plated,yellow/clear or white–blue passivated.

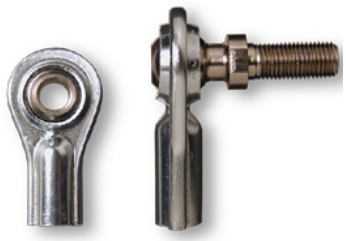
–Ball

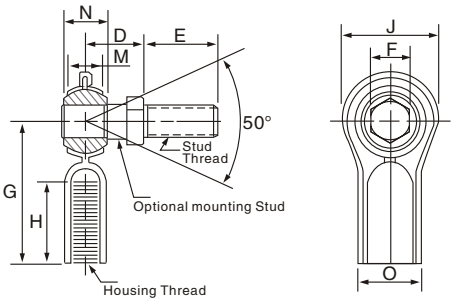
GCr15,equivalent to SAE52100 steel,RC 56 min.,hard chromate plated.

–Outer race Lined with bronze liner and PTFE.

–For left–hand thread,please add suffix "L",e.g.SAL18T/K.

Stamped Rod End · RSH series





Part No.	Thread	A ball ID	D	E	F	G	H	J	M	N	O
RSH–3	10–32	0.190	0.437	0.437	0.312	1.062	0.500	0.750	0.250	0.312	0.450
RSH–4	1/4–28	0.251	0.460	0.562	0.375	1.312	0.687	0.850	0.287	0.375	0.515
RSH–5	5/16–24	0.313	0.531	0.687	0.437	1.375	0.687	1.015	0.305	0.437	0.590
RSH–6	3/8–24	0.376	0.644	0.906	0.500	1.625	0.875	1.125	0.400	0.500	0.725
RSH–6–L1	3/8–24	0.376				1.625	0.875	1.125	0.400	0.750	0.725
RSH–6–L2	3/8–24	0.376				1.625	0.875	1.125	0.400	0.625	0.725
RSH–8	1/2–20	0.501	0.875	1.125	0.625	2.125	1.125	1.470	0.500	0.625	1.010

–Ball

52100 Bearing Steel or low carbon steel
Heat Treated
Hard Chrome Plated
Precision Ground

–Body

Carbon Steel

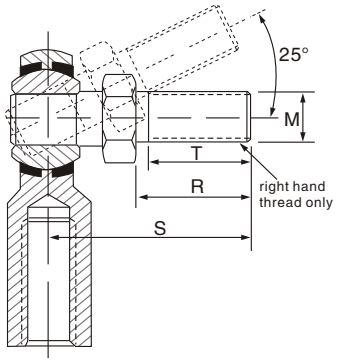
–Protective Coated for Corrosion Resistance

–In inch dimension series.

–For left–hand thread, please add suffix "L", e.g. RSHL–6.

–Rod end with stud,please add suffix"s",e.g.RSH–6S

Studed Rod End

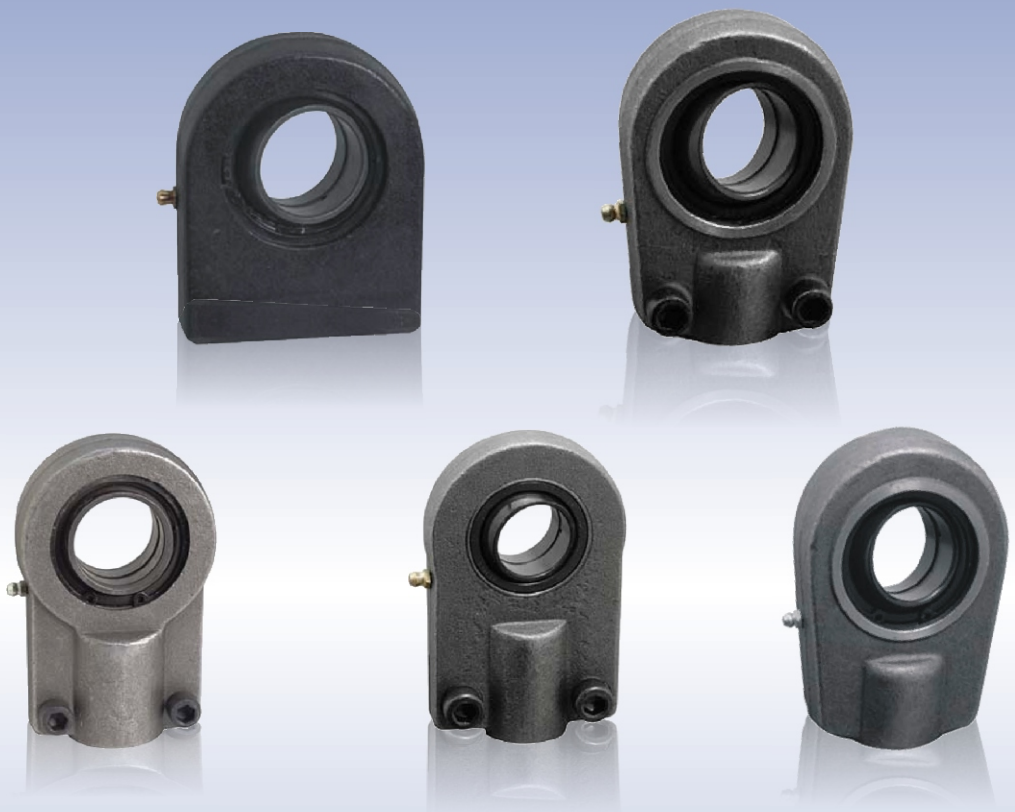


Suitable for rod end size	R	S	T	M
	+.010 −.010	+.030 −.030	Ref	UNF–2A
3	.500	.969	.437	.1900–32
4	.562	1.047	.500	.2500–28
5	.687	1.234	.594	.3125–24
6	.906	1.540	.812	.3750–24
7	1.125	1.930	1.000	.4375–20
8	1.125	2.000	1.000	.5000–20
10	1.500	2.500	1.375	.6250–18
12	1.812	3.000	1.625	.7500–16

–All dimensions are in inches.

FUSCO

Rod End for Hydraulic Cylinders



Main Application:

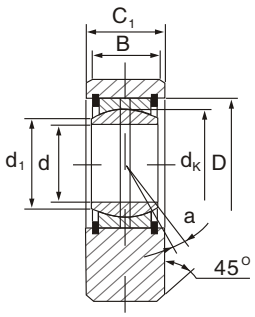
Industrial equipment
Hydraulic equipment
Agricultural equipment

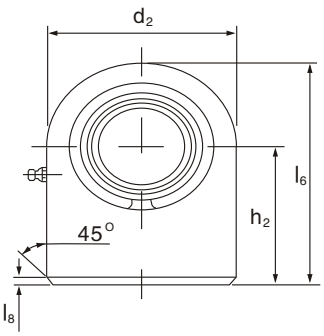
FUSCO INDUSTRY CO.LTD.

Tel:+86-574-87676065 Fax:+86-574-87675899 E-mail:fusco@fuscoinc.com www.fuscoinc.com

Rod ends for hydraulic components GF..DO

Maintenance required

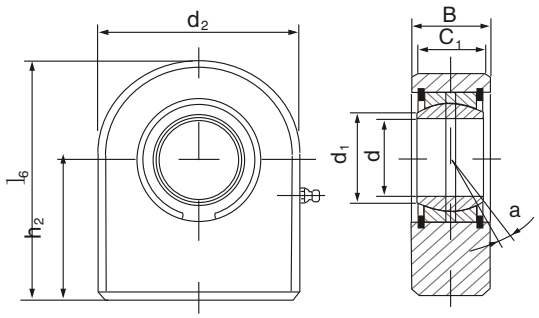




Part No.	Dimensions mm										Load ratings kN		Weight kg
	d	B	C_1	d_2	L_6	L_8	h_2	d_k	d_1	D	dyn	stat	
											C	C_0	
GF20DO	20	16	19	50	63	2	38	29	24.2	35	30.0	67.0	0.35
GF25DO	25	20	23	55	72.5	2	45	35.5	29.3	42	48.0	69.5	0.53
GF30DO	30	22	28	65	83.5	2	51	40.7	34.2	47	62.0	118	0.87
GF35DO	35	25	30	83	102.5	2	61	47	39.8	55	80.0	196	1.50
GF40DO	40	28	35	100	119	3	69	53	45.0	62	100	300	2.40
GF45DO	45	32	40	110	132	3	77	60	50.8	68	127	380	3.40
GF50DO	50	35	40	123	149.5	3	88	66	55.9	75	156	440	4.40
GF60DO	60	44	50	140	170	4	100	80	66.8	90	245	570	7.10
GF70DO	70	49	55	164	197	4	115	92	77.9	105	315	695	10.5
GF80DO	80	55	60	180	231	4	141	105	89.4	120	400	780	15.0
GF90DO	90	60	65	226	263	4	150	115	98.1	130	490	1340	23.5
GF100DO	100	70	70	250	295	4	170	130	109.5	150	610	1500	31.5
GF110DO	110	70	80	295	332.5	4	185	140	121.2	160	655	2160	48.5
GF120DO	120	85	90	360	390	4	210	160	135.5	180	950	3250	79.0

–Rod end housing with right or left–hand female thread.
–It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
–Rod end housing with a lubricating hole or grease nipple.
–Sealed design also available,e.g.GF 70 DO 2RS.

Rod ends for hydraulic components GF..LO

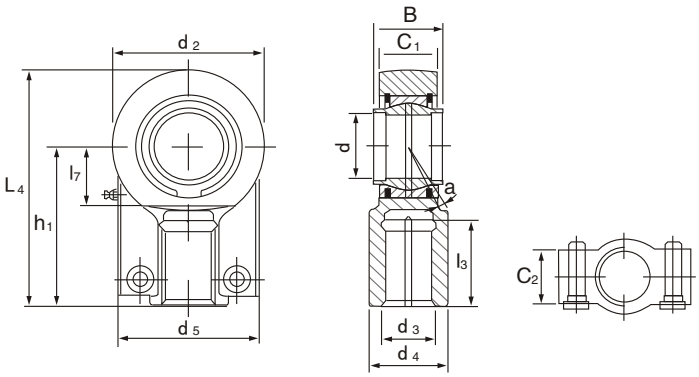


Part No.	Dimensions mm								Load ratings kN		Weight kg
	d	B	C_1	d_2	L_6	h_2	d_1	a	dyn	stat	
								≈	C	C_0	
GF20LO	20	20	19	50	63	38	25	4	30	74	0.36
GF25LO	25	25	23	55	72.5	45	30.5	4	48	95	0.54
GF32LO	32	32	27	70	100	65	38	4	62.5	168	1.12
GF40LO	40	40	35	100	119	69	46	4	100	268	2.50
GF50LO	50	50	40	123	149.5	88	57	4	156	362	4.60
GF63LO	63	63	50	145	179.5	107	71.5	4	248	570	9.30
GF70LO	70	70	55	164	197	115	79	4	315	800	11.25
GF80LO	80	80	60	180	231	141	91	4	400	874	15.75
GF90LO	90	90	65	226	263	150	99	4	490	1045	24.00
GF100LO	100	100	70	250	295	170	113	4	610	1330	33.95
GF110LO	110	110	80	295	332.5	185	124	4	655	1490	49.00

–Rod end housing with right or left–hand female thread.
–It is made up of a radial spherical plain bearing GE..LO and rod end housing.
–Rod end housing with a lubricating hole or grease nipple.
–Sealed design also available,e.g.GF 70 HO 2RS.

Rod ends for hydraulic components GIHN–K..LO

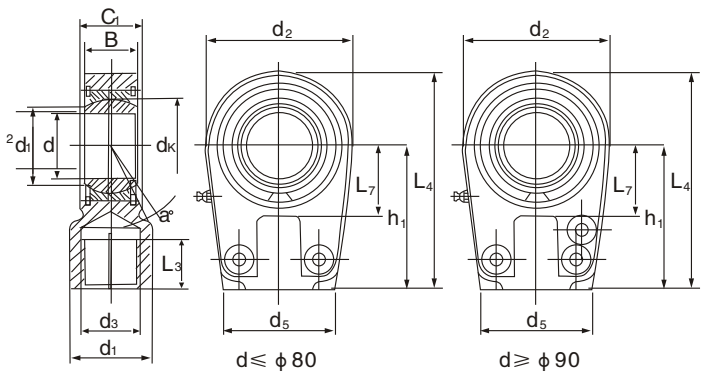
Maintenance required,with female thread and locking nuts



Part No.	Dimensions mm												Load ratings kN		Weight kg
	d	d_3	d_4	L_3	B	C_1	d_2	L_7	h_1	L_4	d_5	C_2	dyn	stat	
		6H		min				min					C	C_0	
GIHN–K12LO*	12	M12x1.25	16.5	17	12	11	32	14	38	54	32	11	10.8	24.5	0.10
GIHN–K16LO	16	M14x1.5	21	19	16	14	40	18	44	64	40	14	17.6	36.5	0.20
GIHN–K20LO	20	M16x1.5	25	23	20	17	47	22	52	77	47	17	30.0	48.0	0.40
GIHN–K25LO	25	M20x1.5	30	29	25	22	58	27	65	96	54	19	48.0	78.0	0.66
GIHN–K32LO	32	M27x2.0	38	37	32	28	71	32	80	118.5	66	22	67.0	114	1.20
GIHN–K40LO	40	M33x2.0	47	46	40	33	90	41	97	146	80	26	100	204	2.10
GIHN–K50LO	50	M42x2.0	58	57	50	41	109	50	120	179.5	96	32	156	310	4.40
GIHN–K63LO	63	M48x2.0	70	64	63	53	136	62	140	213	114	38	255	430	7.60
GIHN–K70LO	70	M56x2.0	80	76	70	57	155	70	160	245	135	42	315	540	9.50
GIHN–K80LO	80	M64x3.0	90	86	80	66	168	78	180	270	148	48	400	695	14.5
GIHN–K90LO	90	M72x3.0	100	91	90	72	185	85	195	296	160	52	490	750	17.0
GIHN–K100LO	100	M80x3.0	110	96	100	84	210	98	210	322	178	62	610	1060	28.0
GIHN–K110LO	110	M90x3.0	125	106	110	88	235	105	235	364	190	62	655	1200	32.0
GIHN–K125LO	125	M100x3.0	135	113	125	102	260	120	260	405	200	72	950	1430	43.0

–Rod end housing with right or left–hand female thread.
–It is made up of a radial spherical plain bearing GE..LO and rod end housing.
–With locking slot and nut.
–Rod end housing with a lubricating hole or grease nipple.
–For left–hand thead ,please add suffix "L" to bearing number,e.g.GIHN–KL 12 LO.
–Relubrication not possible for the size marked "*".

Rod ends for hydraulic components GIHR–K..DO

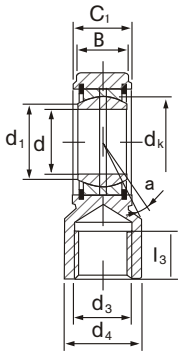


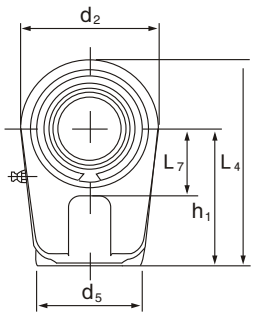
Part No.	Dimensions mm														Load ratings kN		Weight kg
	d	d_3	d_4	L_3	B	C_1	d_2	L_7	h_1	L_4	d_5	d_1	d_k	a	dyn	stat	
		6H		min				min						≈	C	C_0	
GIHR–K20DO	20	M16x1.5	25	17	16	19	56	25	50	80	46	24.2	29	9	30.0	72.0	0.43
GIHR–K25DO	25	M16x1.5	25	17	20	23	56	28	50	80	46	29.3	35.5	7	48.0	72.0	0.48
GIHR–K30DO	30	M22x1.5	32	23	22	28	64	30	60	94	50	34.2	40.7	6	62.0	106	0.74
GIHR–K35DO	35	M28x1.5	40	29	25	30	78	38	70	112	66	39.8	47	6	80.0	153	1.20
GIHR–K40DO	40	M35x1.5	49	36	28	35	94	45	85	135	76	45.0	53	7	100	250	2.00
GIHR–K50DO	50	M45x1.5	61	46	35	40	116	55	105	168	90	55.9	66	6	156	365	3.80
GIHR–K60DO	60	M58x1.5	75	59	44	50	130	65	130	200	120	66.8	80	6	245	400	5.40
GIHR–K70DO	70	M65x1.5	86	66	49	55	154	75	150	237	130	77.9	92	6	315	540	8.50
GIHR–K80DO	80	M80x2.0	105	81	55	60	176	80	170	265	160	89.4	105	6	400	670	12.0
GIHR–K90DO	90	M100x2.0	124	101	60	65	206	90	210	323	180	98.1	115	5	490	980	21.5
GIHR–K100DO	100	M110x2.0	138	111	70	70	230	105	235	360	200	109.5	130	7	610	1120	27.5
GIHR–K110DO	110	M120x3.0	152	125	70	80	265	115	265	407.5	220	121.2	140	6	655	1700	40.5
GIHR–K120DO	120	M130x3.0	172	135	85	90	340	140	310	490	257	135.5	160	6	950	2900	76.0

–Rod end housing with right or left–hand female thread.
–It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
–With locking slot and nut.
–Rod end housing with a lubricating hole or grease nipple.
–For left–hand thead ,please add suffix "L" is added to bearing number,e.g.GIHL–K 30 DO.

Rod ends for hydraulic components GIHR..DO

Maintenance required,with female thread

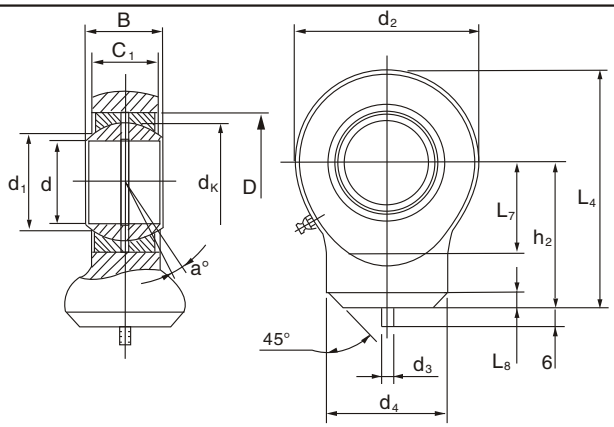




Part No.	Dimensions mm														Load ratings kN		Weight kg
	d	d_3	d_4	L_3	B	C_1	d_2	L_7	h_1	L_4	d_5	d_1	C_2	a	dyn	stat	
		6H		min				min						≈	C	C_0	
GIHR20DO	20	M16x1.5	25	17	16	19	56	25	50	80	46	24.2	29	9	30.0	72.0	0.43
GIHR25DO	25	M16x1.5	25	17	20	23	56	28	50	80	46	29.3	35.5	7	48.0	72.0	0.48
GIHR30DO	30	M22x1.5	32	23	22	28	64	30	60	94	50	34.2	40.7	6	62.0	106	0.74
GIHR35DO	35	M28x1.5	40	29	25	30	78	38	70	112	66	39.8	47	6	80.0	153	1.20
GIHR40DO	40	M35x1.5	49	36	28	35	94	45	85	135	76	45.0	53	7	100	250	2.00
GIHR50DO	50	M45x1.5	61	46	35	40	116	55	105	168	90	55.9	66	6	156	365	3.80
GIHR60DO	60	M58x1.5	75	59	44	50	130	65	130	200	120	66.8	80	6	245	400	5.40
GIHR70DO	70	M65x1.5	86	66	49	55	154	75	150	237	130	77.9	92	6	315	540	8.50
GIHR80DO	80	M80x2.0	105	81	55	60	176	80	170	265	160	89.4	105	6	400	670	12.0
GIHR90DO	90	M100x2.0	124	101	60	65	206	90	210	323	180	98.1	115	5	490	980	21.5
GIHR100DO	100	M110x2.0	138	111	70	70	230	105	235	360	200	109.5	130	7	610	1120	27.5
GIHR110DO	110	M120x3.0	152	125	70	80	265	115	265	407.5	220	121.2	140	6	655	1700	40.5
GIHR120DO	120	M130x3.0	172	135	85	90	340	140	310	490	257	135.5	160	6	950	2900	76.0

–Rod end housing with right or left–hand female thread.
–It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
–Rod end housing with a lubricating hole or grease nipple.
–For left–hand thead ,please add suffix "L" to bearing number,e.g.GIHL 40 DO.

Rod ends for hydraulic components GK..DO



Part No	Dimensions mm														Load ratings kN		Weight kg
	d	d_3	d_4	B	C_1	d_2	L_7	L_8	h_2	L_4	d_k	d_1	D	a	dyn	stat	
							min							≈	C	C_0	
GK10DO*	10	3	38.5	9	7	29	15	1.5	24	38.5	16	13.2	19	12	8.15	15.6	0.041
GK12DO	12	3	44	10	8	34	18	1.5	27	44	18	15.0	22	11	10.8	21.6	0.066
GK15DO	15	4	51	12	10	40	20	2.0	31	51	22	18.4	26	8	17.0	32.0	0.12
GK17DO	17	4	58	14	11	46	23	2.0	35	58	25	20.7	30	10	21.2	40.0	0.19
GK20DO	20	4	64.5	16	13	53	27.5	2.0	38	64.5	29	24.2	35	9	30.0	54.0	0.23
GK25DO	25	4	77	20	17	64	33	3.0	45	77	35.5	29.3	42	7	48.0	72.0	0.43
GK30DO	30	4	87.5	22	19	73	37.5	3.0	51	87.5	40.7	34.2	47	6	62.0	95.0	0.64
GK35DO	35	4	102	25	21	82	43	3.0	61	102	47	39.8	55	6	80.0	125	0.96
GK40DO	40	4	115	28	23	92	48	4.0	69	115	53	45.0	62	7	100	156	1.30
GK45DO	45	6	128	32	27	102	52	4.0	77	128	60	50.8	68	7	127	208	1.80
GK50DO	50	6	144	35	30	112	59	4.0	88	144	66	55.9	75	6	156	250	2.50
GK60DO	60	6	167.5	44	38	135	72.5	4.0	100	167.5	80	66.8	90	6	245	390	3.90
GK70DO	70	6	195	49	42	160	86	5.0	115	195	92	77.9	105	6	315	510	6.60
GK80DO	80	6	231	55	47	180	98	5.0	141	231	105	89.4	120	6	400	620	8.70

–Rod end housing with right or left–hand female thread.
–It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
–Rod end housing with a lubricating hole or grease nipple.
–Sealed design also available,e.g.GK 50 DO 2RS.
–Relubrication not possible for the size marked "*".