



PHS SERIES ROD ENDS

BALL: AISI52100 Steel, Heat treated HRC58-64 (Ground and Polished)

BODY: Carbon Steel

RACE: Brass

CONTACT SURFACES: Steel/Brass

Right handed thread is standard, use suffix L for Left handed thread (ie. PHS5L)

Part Number	Dimensions														Basic Load Rating		α	Weight (kg)
	d	B	dk	C1	d2	d3	h1	l3	l4	l5	l7	w	d4	d5	Cr(KN)	Cor(KN)		
PHS5 / PHS5L	5	8	11.1	6	16	M5*0.80	27	14	35	4	8	9	9	11	3.3	4.1	13	0.016
PHS6 / PHS 6L	6	9	12.7	6.75	18	M6*1.00	30	14	39	5	9	11	10	13	4.3	5.3	13	0.026
PHS8X1.0 / PHS8LX1.0	8	12	15.8	9	22	M8*1.00	36	17	47	5	11	14	12.5	16	6.8	8.5	14	0.044
PHS8 / PHS8L	8	12	15.8	9	22	M8*1.25	36	17	47	5	11	14	12.5	16	6.8	8.5	14	0.044
PHS10X1.25 / PHS10LX1.25	10	14	19.1	10.5	26	M10*1.25	43	21	56	6.5	13	17	15	19	10	11	13	0.072
PHS10 / PHS10L	10	14	19.1	10.5	26	M10*1.50	43	21	56	6.5	13	17	15	19	10	11	13	0.072
PHS12X1.25 / PHS12LX1.25	12	16	22.2	12	30	M12*1.25	50	24	65	6.5	15	19	17.5	22	13	14	13	0.108
PHS12 / PHS12L	12	16	22.2	12	30	M12*1.75	50	24	65	6.5	15	19	17.5	22	13	14	13	0.108
PHS14X1.5 / PHS14LX1.5	14	19	25.4	13.5	34	M14*1.50	57	27	74	8	16	22	21	25	17	20	16	0.161
PHS14 / PHS14L	14	19	25.4	13.5	34	M14*2.00	57	27	74	8	16	22	21	25	17	20	16	0.161
PHS16X1.5 / PHS16LX1.5	16	21	28.6	15	38	M16*1.50	64	33	83	8	17.5	24	22	27	21	25	15	0.225
PHS16 / PHS16L	16	21	28.6	15	38	M16*2.00	64	33	83	8	17.5	24	22	27	21	25	15	0.225
PHS18 / PHS18L	18	23	31.8	16.5	42	M18*1.50	71	36	92	10	19.5	27	25	31	26	30	15	0.296
PHS20 / PHS20L	20	25	34.9	18	46	M20*1.50	77	40	100	10	21.5	30	27.5	34	31	35	14	0.385
PHS20X2.5 / PHS20LX2.5	20	25	34.9	18	46	M20*2.50	77	40	100	10	21.5	30	27.5	34	31	35	14	0.385
PHS22 / PHS22L	22	28	38.1	20	50	M22*1.50	84	43	109	12	23	32	30	37	38	43	15	0.488
PHS25 / PHS25L	25	31	42.9	22	60	M24*2.00	94	48	124	12	29.5	36	33.5	42	47	65	15	0.749
PHS28 / PHS28L	28	35	47.6	25	66	M27*2.00	103	53	136	12	32.5	41	37	46	59	77	15	0.949
PHS30 / PHS30L	30	37	50.8	25	70	M30*2.00	110	56	145	15	34	41	40	51	63	86	17	1.13