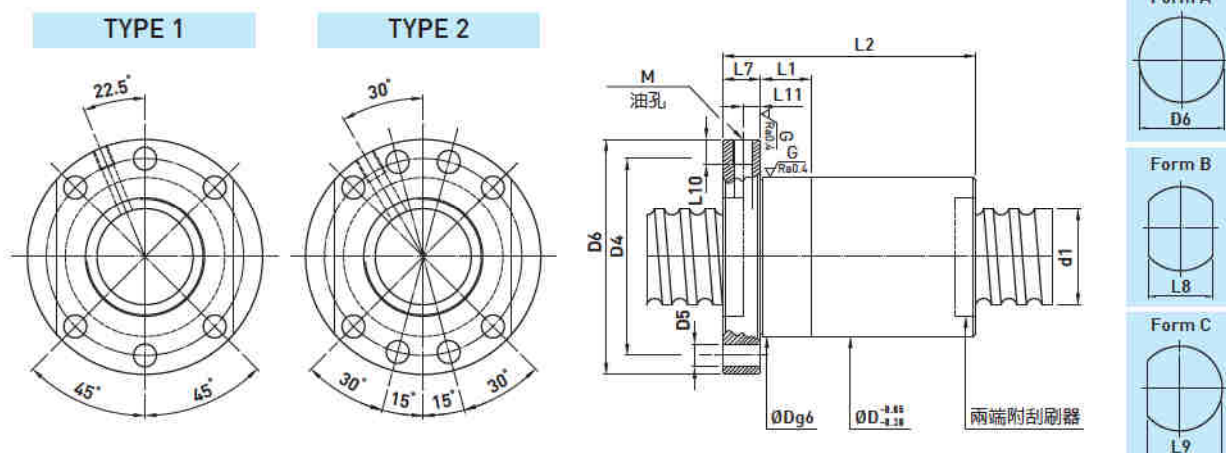


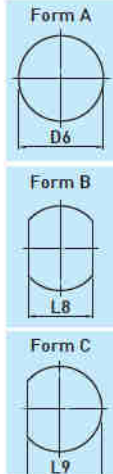
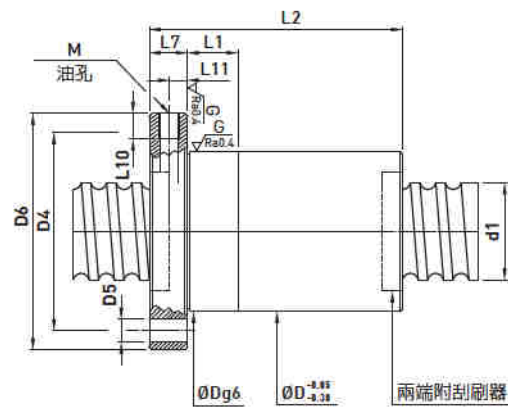
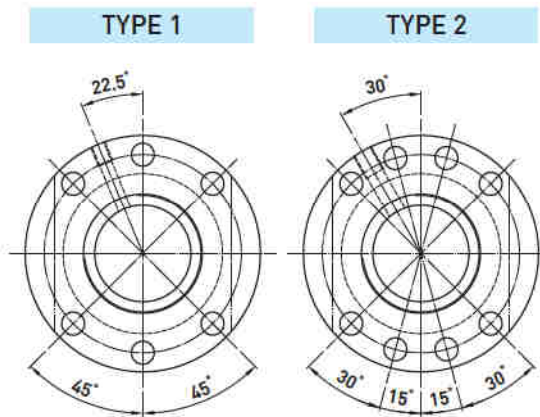
## 6.2 Dimensions for Precision Ground Ballscrews

### FSC Type ◀ Standard Product



Model	Size		PCD	RD	Ball Dia.	Circuits	Stiffness K (kgf/μm)	Dynamic Load C(kgf)	Static Load Col(kgf)	Nut				Flange			Oil Hole			Double starts	Incomplete Thread			
	Nominal Dia.	Lead								D	L1	L2	TYPE	Form A(D6)	Form B(L8)	Form C(L9)	L7	D4	D5			M	L10	L11
14-10K3	14	10	14.6	10.724	3.175	3	24	920	1790	28	10	46	1	48	40	44	10	38	5.5	M5×0.8P	6	5		
15-10K3	15	10	16	12.869	3	3	26	930	1970	28	10	45	1	48	40	44	10	38	5.5	M5×0.8P	6	5		
15-16K2	15	16	16	12.869	3	2	16	610	1230	28	10	45	1	48	40	44	10	38	5.5	M5×0.8P	6	5		
15-10K3	15	10	15.6	12.324	3.175	3	25	960	1930	34	10	44	1	57	43	50	10	45	5.5	M5×0.8P	6	5		
15-20K2	15	20	15.6	12.324	3.175	2	15	630	1256	34	10	50	1	57	43	50	10	45	5.5	M5×0.8P	6	5		
16-16K2	16	16	16.4	13.124	3.175	2	17	680	1385	34	10	47	1	57	43	50	10	45	5.5	M5×0.8P	6	5		
20-10K4	20	10	21	17.868	3	4	43	1390	3560	34	10	55	1	57	43	50	10	45	5.5	M5×0.8P	6	5		
20-5K4	20	5	20.6	17.324	3.175	4	42	1490	3640	36	10	40	1	58	44	51	10	47	6.6	M6×1P	8	5		
20-10K3	20	10	20.6	17.324	3.175	3	32	1130	2660	36	10	47	1	58	44	51	10	47	6.6	M6×1P	8	5		
20-20K2	20	20	20.6	17.324	3.175	2	21	760	1730	36	10	57	1	58	44	51	10	47	6.6	M6×1P	8	5		
20-6K5	20	6	20.8	16.744	3.969	5	58	2420	5660	42	10	49	1	64	50	57	10	53	6.6	M6×1P	8	5		
20-8K5	20	8	21	16.132	4.763	5	58	2960	6505	45	10	64	1	65	51	58	10	54	6.6	M6×1P	8	5		
25-5K4	25	5	25.6	22.324	3.175	4	49	1650	4612	40	10	43	1	62	48	55	10	51	6.6	M6×1P	8	5		
25-10K3	25	10	25.6	22.324	3.175	3	38	1260	3370	40	10	50	1	62	48	55	10	51	6.6	M6×1P	8	5		
25-15K5	25	15	25.6	22.324	3.175	5	63	1980	5730	40	10	90	1	62	48	55	10	51	6.6	M6×1P	8	5		
25-20K3	25	20	25.6	22.324	3.175	3	39	1260	3436	40	10	80	1	62	48	55	10	51	6.6	M6×1P	8	5		
25-25K2	25	25	25.6	22.324	3.175	2	25	840	2170	40	10	69	1	62	48	55	10	51	6.6	M6×1P	8	5		
25-6K5	25	6	25.8	21.744	3.969	5	68	2720	7192	45	10	50	1	65	51	58	10	54	6.6	M6×1P	8	5		
25-8K5	25	8	25.8	21.744	3.969	5	70	2710	7170	48	10	62	1	68	54	61	10	57	6.6	M6×1P	8	5		
25-10K4	25	10	25.8	21.744	3.969	4	56	2210	5660	45	10	60	1	65	51	58	10	54	6.6	M6×1P	8	5		
25-12K4	25	12	25.8	21.744	3.969	4	56	2200	5640	45	10	67	1	65	51	58	10	54	6.6	M6×1P	8	5		
25-16K3	25	16	25.8	21.744	3.969	3	42	1670	4127	45	10	71	1	65	51	58	10	54	6.6	M6×1P	8	5		
25-20K3	25	20	25.8	21.744	3.969	3	43	1710	4290	45	10	80	1	65	51	58	10	54	6.6	M6×1P	8	5		
25-8K5	25	8	26	21.132	4.763	5	72	3480	8683	50	10	64	1	70	56	64	10	60	6.6	M6×1P	8	5		
28-6K5	28	6	28.8	24.744	3.969	5	74	2840	7966	50	10	49	1	80	62	71	12	65	6.6	M6×1P	8	6		
28-8K5	28	8	29	24.132	4.763	5	79	3690	9780	50	10	62	1	80	62	71	12	65	6.6	M6×1P	8	6		
28-10K5	28	10	29	24.132	4.763	5	80	3680	9760	52	10	72	1	80	62	71	12	65	6.6	M6×1P	8	6		
28-16K4	28	16	29	24.132	4.763	4	64	2970	7761	58	10	92	1	80	62	71	12	65	6.6	M6×1P	8	6		
32-5K4	32	5	32.6	29.324	3.175	4	57	1840	5960	48	10	38	1	70	54	62	12	59	6.6	M6×1P	8	6		
32-5-08K4	32	5.08	32.6	29.324	3.175	4	57	1840	5960	48	10	39	1	70	54	62	12	59	6.6	M6×1P	8	6		
32-6K5	32	6	32.8	28.744	3.969	5	83	3090	9480	56	10	48	1	86	65	75.5	12	71	6.6	M6×1P	8	6		
32-8K5	32	8	32.8	28.744	3.969	5	85	3080	9430	53	10	59	1	83	62	72.5	12	68	6.6	M6×1P	8	6		
32-8K5	32	8	32.8	28.744	3.969	5	84	3080	9460	50	10	59	1	80	62	71	12	65	9	M6×1P	8	6		
32-10K5	32	10	32.8	28.744	3.969	5	85	3080	9450	50	10	73	1	80	62	71	12	65	9	M6×1P	8	6		
32-15K4	32	15	32.8	28.744	3.969	4	69	2500	7440	50	10	90	1	80	62	71	12	65	9	M6×1P	8	6		
32-12K3	32	12	32.8	28.744	3.969	3	52	1900	5430	50	20	87	1	80	62	71	12	65	9	M6×1P	8	6		
32-32K2	32	32	32.8	28.744	3.969	2	34	1280	3530	50	20	87	1	80	62	71	12	65	9	M6×1P	8	6		
32-40K2	32	40	32.8	28.744	3.969	2	32	1240	3440	50	20	94	1	80	62	71	12	65	9	M6×1P	8	6		
32-8K5	32	8	33	28.132	4.763	5	86	3860	10914	55	10	64	1	86	65	75.5	14	71	9	M6×1P	8	7		
32-10K5	32	10	33	28.132	4.763	5	86	3850	10890	56	10	79	1	86	65	75.5	14	71	9	M6×1P	8	7		
32-12K5	32	12	33	28.132	4.763	5	87	3840	10870	56	20	88	1	86	65	75.5	14	71	9	M6×1P	8	7		
32-20K4	32	20	33	28.132	4.763	4	72	3190	8914	54	20	106	1	86	65	75.5	14	71	9	M6×1P	8	7		
32-25K3	32	25	33	28.132	4.763	3	53	2420	6500	54	20	97	1	86	65	75.5	14	71	9	M6×1P	8	7		
32-32K2	32	32	33	28.132	4.763	2	34	1620	4100	54	20	88	1	86	65	75.5	14	71	9	M6×1P	8	7		
32-10K5	32	10	33.4	26.91	6.35	5	90	5660	14680	62	10	77	1	92	74	83	14	77	9	M6×1P	8	7		
32-12K5	32	12	33.4	26.91	6.35	5	90	5620	14450	62	20	87	1	92	74	83	14	77	9	M6×1P	8	7		
32-16K4	32	16	33.4	26.91	6.35	4	73	4570	11390	62	20	92	1	92	74	83	14	77	9	M6×1P	8	7		
32-20K4	32	20	33.4	26.91	6.35	4	70	4240	10854	57	20	107	1	87	66	78	14	72	9	M6×1P	8	7		
36-6K5	36	6	36.8	32.744	3.969	5	88	3240	10632	56	10	51	2	86	65	77	14	71	9	M6×1P	8	7		
36-10K5	36	10	37.4	30.91	6.35	5	98	6010	16440	66	20	80	2	96	73	84.5	14	81	9	M8×1P	10	7		
36-12K5	36	12	37.4	30.91	6.35	5	99	5990	16420	66	20	87	2	96	73	84.5	14	81	9	M8×1P	10	7		
36-16K5	36	16	37.4	30.91	6.35	5	100	5960	16350	66	20	109	2	96	73	84.5	14	81	9	M8×1P	10	7		
36-20K4	36	20	37.4	30.91	6.35	4	80	4840	12880	65	20	108	2	95	72	83.5	14	80	9	M8×1P	10	7		
36-20K4	36	20	37.4	30.91	6.35	4	79	4840	12880	61	20	108	2	91	68	79.5	14	76	9	M8×1P	10	7		
36-36K2	36	36	37.4	30.91	6.35	2	39	2540	6240	61	20	95	2	91	68	79.5	14	76	9	M8×1P	10	7		
38-8K5	38	8	39	34.132	4.763	5	96	4190	13110	61	20	64	2	91	68	79.5	14	76	9	M8×1P	10	7		
38-10K4	38	10	39.4	32.91	6.35	4	81	5050	13790	63	20	70	2	93	70	81.5	14	78	9	M8×1P	10	7		
38-15K4	38	15	39.4	32.91	6.35	4	83	5020	13740	63	20	88	2	93	70	81.5	14	78	9	M8×1P	10	7		
38-16K5	38	16	39.4	32.91	6.35	5	104	6140	17340	63	20	108	2	93	70	81.5	14	78	9	M8×1P	10	7		
38-20K4	38	20	39.4	32.91	6.35	4	83	4990	13660	63	25	108	2	93	70	81.5	14	78	9	M8×1P	10	7		
38-25K4	38	25	39.4	32.91	6.35	4	83	4940	13560	63	25	127	2	93	70	81.5	14	78	9	M8×1P	10	7		
38-40K2	38	40	39.4	32.91	6.35	2	40	2590	6560	63	25													

FSC Type ◀ Standard Product



Model	Size		PCD	RD	Ball Dia.	Circuits	Stiffness K (kgf/μm)	Dynamic Load C(kgf)	Static Load Col(kgf)	Nut			Flange				OilHole			Double starts	Incomplete Thread			
	Nominal Dia.	Lead								D	L1	L2	TYPE	Form A(D6)	Form B(L8)	Form C(L9)	L7	D4	D5			M	L10	L11
40-5K5	40	5	40.6	37.324	3.175	5	85	2470	9490	63	20	45	2	93	70	81.5	14	78	9	M8×1P	10	7		
40-6K5	40	6	40.8	36.744	3.989	5	95	3370	11780	63	20	52	2	93	70	81.5	14	78	9	M8×1P	10	7		
40-8K5	40	8	41	36.132	4.763	5	101	4360	14200	63	20	68	2	93	70	81.5	14	78	9	M8×1P	10	7		
40-10K5	40	10	41	36.132	4.763	5	102	4350	14180	61	20	80	2	91	68	79.5	14	76	9	M8×1P	10	7		
40-20K4	40	20	41	36.132	4.763	4	84	3520	11130	61	20	110	2	91	68	79.5	14	76	9	M8×1P	10	7		
40-16K5	40	16	41.2	35.522	5.556	5	107	5170	15510	68	20	108	2	98	75	86.5	14	83	9	M8×1P	10	7		
40-10K5	40	10	41.4	34.91	6.35	5	106	6340	18400	70	20	83	2	100	75	87.5	14	85	9	M8×1P	10	7		
40-12K5	40	12	41.4	34.91	6.35	5	108	6330	18380	70	20	86	2	100	75	87.5	14	85	9	M8×1P	10	7		
40-16K5	40	16	41.4	34.91	6.35	5	109	6300	18320	70	20	108	2	100	75	87.5	14	85	9	M8×1P	10	7		
40-20K4	40	20	41.4	34.91	6.35	4	87	5130	14440	70	20	110	2	100	75	87.5	14	85	9	M8×1P	10	7		
40-30K3	40	30	41.4	34.91	6.35	3	67	4000	11010	70	20	117	2	100	75	87.5	14	85	9	M8×1P	10	7		
40-25K4	40	25	41.4	34.91	6.35	4	86	5080	14350	65	25	127	2	95	72	83.5	14	80	9	M8×1P	10	7		
40-40K2	40	40	41.4	34.91	6.35	2	42	2660	6940	65	25	101	2	95	72	83.5	14	80	9	M8×1P	10	7		
40-12K5	40	12	41.6	34.299	7.144	5	110	7430	20790	75	20	90	2	110	85	97.5	14	93	9	M8×1P	10	7		
40-16K5	40	16	41.6	34.299	7.144	5	112	7400	20720	75	20	109	2	110	85	97.5	14	93	9	M8×1P	10	7		
45-8K5	45	8	46	41.132	4.763	5	109	4550	15660	70	20	66	2	105	80	92.5	16	90	11	M9×1P	10	8		
45-10K5	45	10	46.4	39.91	6.35	5	118	6810	21320	75	20	78	2	110	85	97.5	16	93	11	M8×1P	10	8		
45-12K5	45	12	46.4	39.91	6.35	5	119	6800	21290	75	20	89	2	110	85	97.5	16	93	11	M8×1P	10	8		
45-16K5	45	16	46.4	39.91	6.35	5	121	6780	21240	75	20	108	2	110	85	97.5	16	93	11	M8×1P	10	8		
45-20K4	45	20	46.4	39.91	6.35	4	98	5520	16760	75	25	108	2	110	85	97.5	16	93	11	M8×1P	10	8		
45-25K4	45	25	46.4	39.91	6.35	4	98	5480	16670	75	25	129	2	110	85	97.5	16	93	11	M8×1P	10	8		
45-40K3	45	40	46.4	39.91	6.35	3	71	4100	12020	75	25	145	2	110	85	97.5	16	93	11	M8×1P	10	8		
45-12K5	45	12	46.6	39.299	7.144	5	119	7830	23290	80	20	88	2	117	92	104.5	16	100	11	M8×1P	10	8		
45-16K5	45	16	46.6	39.299	7.144	5	120	7810	23230	80	20	119	2	117	92	104.5	16	100	11	M8×1P	10	8		
45-20K4	45	20	46.6	39.299	7.144	4	97	6360	18330	80	25	113	2	117	92	104.5	16	100	11	M8×1P	10	8		
50-5K5	50	5	50.6	47.324	3.175	5	95	2700	11940	70	20	45	2	100	75	87.5	16	85	11	M8×1P	10	8		
50-8K5	50	8	51	46.132	4.763	5	116	4730	17530	75	20	74	2	110	85	97.5	16	93	11	M8×1P	10	8		
50-10K5	50	10	51.4	44.91	6.35	5	125	7050	23300	82	25	80	2	118	92	105	16	100	11	M8×1P	10	8		
50-12K5	50	12	51.4	44.91	6.35	5	127	7040	23280	82	25	90	2	118	92	105	16	100	11	M8×1P	10	8		
50-15K5	50	15	51.4	44.91	6.35	5	129	7030	23250	82	25	104	2	118	92	105	16	100	11	M8×1P	10	8		
50-16K5	50	16	51.4	44.91	6.35	5	129	7020	23230	82	25	109	2	118	92	105	16	100	11	M8×1P	10	8		
50-20K4	50	20	51.4	44.91	6.35	4	104	5720	18340	82	25	106	2	118	92	105	16	100	11	M8×1P	10	8		
50-25K4	50	25	51.4	44.91	6.35	4	104	5690	18260	75	25	129	2	110	85	97.5	16	93	11	M8×1P	10	8		
50-30K4	50	30	51.4	44.91	6.35	4	104	5650	18170	75	25	147	2	110	85	97.5	16	93	11	M8×1P	10	8		
50-35K3	50	35	51.4	44.91	6.35	3	80	4430	13840	75	25	133	2	110	85	97.5	16	93	11	M8×1P	10	8		
50-40K3	50	40	51.4	44.91	6.35	3	79	4390	13750	75	25	145	2	110	85	97.5	16	93	11	M8×1P	10	8		
50-30K2	50	30	51.6	44.299	7.144	2	53	3560	9960	82	25	92	2	118	92	105	16	100	11	M8×1P	10	8		
50-12K5	50	12	51.8	43.688	7.938	5	130	9480	28776	85	25	97	2	121	95	108	16	103	11	M8×1P	10	8		
50-16K5	50	16	51.8	43.688	7.938	5	132	9450	28710	85	25	112	2	121	95	108	16	103	11	M8×1P	10	8		
50-20K5	50	20	51.8	43.688	7.938	5	134	9420	28630	85	25	138	2	121	95	108	16	103	11	M8×1P	10	8		
50-50K2	50	50	51.8	43.688	7.938	2	52	3980	10860	85	25	124	2	121	95	108	16	103	11	M8×1P	10	8		
50-20K4	50	20	52.2	42.466	9.525	4	113	9870	27420	86	25	120	2	121	95	108	16	103	11	M8×1P	10	8		
55-16K5	55	16	56.4	49.91	6.35	5	139	7420	26157	82	25	104	2	118	92	105	20	100	13.5	M8×1P	10	10		
63-10K5	63	10	64.4	57.91	6.35	5	144	7720	29190	95	25	84	2	135	100	117.5	20	115	13.5	M8×1P	10	10		
63-12K5	63	12	64.4	57.91	6.35	5	147	7720	29180	95	25	94	2	135	100	117.5	20	115	13.5	M8×1P	10	10		
63-20K5	63	20	64.4	57.91	6.35	5	157	7850	30020	95	25	132	2	135	100	117.5	20	115	13.5	M8×1P	10	10		
63-40K2	63	40	64.4	57.91	6.35	2	62	3310	11100	95	25	110	2	135	100	117.5	20	115	13.5	M8×1P	10	10		
63-12K5	63	12	64.8	56.688	7.938	5	152	10520	36440	98	25	94	2	138	103	120.5	20	118	13.5	M8×1P	10	10		
63-16K4	63	16	65.2	55.466	9.525	4	132	11010	34520	107	25	100	2	147	112	129.5	20	127	13.5	M8×1P	10	10		
63-20K5	63	20	65.2	55.466	9.525	5	168	13430	43530	107	25	140	2	147	112	129.5	20	127	13.5	M8×1P	10	10		
63-25K5	63	25	65.2	55.466	9.525	5	166	13390	43420	110	25	165	2	150	115	132.5	20	130	13.5	M8×1P	10	10		
70-16K4	70	16	72.2	62.466	9.525	4	141	11470	38040	115	25	105	2	155	120	137.5	25	135	13.5	M8×1P	10	12.5		
70-20K4	70	20	72.2	62.466	9.525	4	143	11450	37990	115	25	122	2	155	120	137.5	25	135	13.5	M8×1P	10	12.5		
80-10K5	80	10	81.4	74.91	6.35	5	166	8620	37980	110	25	80	2	150	115	132.5	25	130	13.5	M8×1P	10	12.5		
80-12K5	80	12	81.8	73.688	7.938	5	177	11740	47130	115	25	102	2	155	120	137.5	25	135	13.5	M8×1P	10	12.5		
80-16K4	80	16	82.2	72.466	9.525	4	155	12410	44960	125	25	105	2	170	135	152.5	25	150	13.5	M8×1P	10	12.5		
80-20K4	80	20	82.2	72.466	9.525	4	160	12400	44910	120	25	122	2	165	130	147.5	25	145	13.5	M8×1P	10	12.5		
80-25K4	80	25	82.2	72.466	9.525	4	159	12370	44840	120	25	145	2	165	130	147.5	25	145	13.5	M8×1P	10	12.5		
80-30K4	80	30	82.2	72.466	9.525	4	161	12340	44750	120	25	165	2	165	130	147.5	25	145						