



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD (kgf)		NUT		FLANGE			FIT	BOLT			RETURN TUBE		OIL HOLE	STIFFNESS
O.D.	LEAD			Dynamic (1×10 ⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	S	X	Y	Z	U	V	Q	kgf/μm
16	5	3.175	1.5×2	805	1525	31	90	54	12	41	15	5.5	9.5	5.5	20	23	M6×1P	39
			2.5×1	690	1270		80											33
			2.5×2	1250	2540		110											63
			3.5×1	920	1780		90											45
20	5	3.175	1.5×2	965	2070	35	90	58	12	46	15	5.5	9.5	5.5	22	27	M6×1P	47
			2.5×1	830	1730		80											40
			2.5×2	1510	3460		110											77
			3.5×1	1110	2420		90											55
25	6	3.969	1.5×2	1285	2545	36	104	60	12	47	15	5.5	9.5	5.5	23	28	M6×1P	49
			2.5×1	1100	2120		92											41
			3.5×1	1470	2970		104											56
			1.5×2	1065	2575		40											90
2.5×1	910	2150	80	48														
2.5×2	1650	4300	110	92														
3.5×1	1210	3010	90	65														
25	6	3.969	1.5×2	1420	3215	42	104	68	12	55	15	5.5	9.5	5.5	28	33	M6×1P	58
			2.5×1	1210	2680		92											49
			2.5×2	2190	5360		128											94
			3.5×1	1610	3750		104											67
28	10	4.762	1.5×2	1820	3840	45	136	72	16	58	15	6.6	11	6.5	29	35	M6×1P	60
			2.5×1	1560	3200		122											50
			3.5×1	2080	4480		136											69
			1.5×2	1110	2960		44											90
2.5×1	950	2470	80	52														
2.5×2	1720	4940	110	101														
3.5×1	1270	3460	90	72														
28	6	3.969	1.5×2	1480	3605	44	110	70	12	56	15	6.6	11	6.5	28	36	M6×1P	63
			2.5×1	1270	3000		98											53
			2.5×2	2300	6000		134											103
			3.5×1	1690	4200		110											73

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O.D.	LEAD			Dynamic (1×10 ⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	S	X	Y	Z	U	V	Q	kgf/mm		
40	5	3.175	1.5×2	1280	4275		94											82		
			2.5×1	1090	3560		84											69		
			2.5×2	1980	7120	58	114	92	16	72	15	9	14	8.5	34	47	M8×1P	133		
			2.5×3	2800	10680		144												196	
			3.5×1	1450	4980		94												95	
	6	3.969		1.5×2	1750	5300		108											85	
				2.5×1	1500	4420		96											71	
				2.5×2	2720	8840	60	132	94	16	76	15	9	14	8.5	36	48	PT1/8"	138	
				2.5×3	3850	13260		168												202
				3.5×1	2000	6190		108												98
	8	4.762		1.5×2	2220	6320		126											86	
				2.5×1	1900	5270		110											73	
				2.5×2	3450	10540	62	158	96	16	78	15	9	14	8.5	38	50	PT1/8"	141	
				3.5×1	2540	7380		126												100
				10	6.35		1.5×2	3370	8335		152									
	2.5×1	2880	6950					132											71	
2.5×2	5220	13900	65				192	106	18	85	20	11	17.5	11	42	52	PT1/8"	148		
3.5×1	3840	9730					152												105	
10	6.35		2.5×1				3020	7850		134										84
			2.5×2	5480	15700	70	194	112	18	90	20	11	17.5	11	48	58	PT1/8"	163		
12	7.144		2.5×1	3550	8950		158										85			
			2.5×2	6440	17900	74	230	122	18	97	20	14	20	13	49	60	PT1/8"	165		

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O.D.	LEAD			Dynamic (1×10 ⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	S	X	Y	Z	U	V	Q	kgf/μm	
50	5	3.175	1.5×2	1410	5305	107												98	
			1.5×3	2000	7960	70	127	104	16	86	15	9	14	8.5	40	57	PT1/8"	144	
			3.5×1	1610	6190	107													114
	6	3.969	2.5×2	2980	11000	72	134	106	16	88	15	9	14	8.5	43	59	PT1/8"	164	
			2.5×3	4220	16500		170											242	
	8	4.762	2.5×2	3900	13020	75	160	116	18	95	20	11	17.5	11	45	60	PT1/8"	170	
			2.5×3	5520	19530		208											250	
	10	6.35	1.5×2	3725	10450	154													119
			2.5×1	3190	8710	134													91
			2.5×2	5790	17420	78	194	119	18	98	20	11	17.5	11	48	62	PT1/8"	177	
			2.5×3	8200	26130													254	261
	3.5×1	4260	12190	154													126		
12	7.144	2.5×1	3700	10050	82	160	128	22	105	20	14	20	13	52	64	PT1/8"	92		
		2.5×2	6710	20100		232											179		
55	10	6.35	2.5×2	6005	19540	84	194	125	18	103	20	11	17.5	11	54	68	PT1/8"	191	
			2.5×3	8510	29310		254											281	
63	10	6.35	2.5×1	3510	11200	136												110	
			2.5×2	6370	22400	90	196	132	20	110	20	11	17.5	11	53	76	PT1/8"	213	
			2.5×3	9020	33600													256	313
	12	7.938	2.5×1	4760	13820	160													112
			2.5×2	8650	27560	94	232	142	22	117	20	14	20	13	57	76	PT1/8"	218	
			2.5×3	12250	41340													304	322
16	9.525	2.5×1	8050	23100	100	200	150	22	123	20	14	20	13	62	79	PT1/8"	144		
		2.5×2	14600	46200		296											280		
80	10	6.35	2.5×2	7130	28500	115	200	163	22	137	20	14	20	13	64	91	PT1/8"	258	
			2.5×3	10100	42750		260											380	
	12	7.938	2.5×2	9710	35560	120	232	169	22	143	25	14	20	13	67	94	PT1/8"	265	
			2.5×3	13760	53340		302											391	
	16	9.525	2.5×2	16450	59280	125	302	190	28	154	25	18	26	17.5	70	96	PT1/8"	339	
2.5×3			23300	88920	398		500												