



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		
14	4	2.381	2.5×1	410	750	25	40	45	10	35	10	5.5	9.5	5.5	19	21	M6×1P	14		
	5	3.175	2.5×1	675	1145	25	42	45	10	35	10	5.5	9.5	5.5	19	21	M6×1P	15		
15	4	2.381	2.5×1	420	800	28.5	40	48	10	38	10	5.5	9.5	5.5	17	22	M6×1P	14		
	5	3.175	2.5×1	680	1210	28.5	42	48	10	38	10	5.5	9.5	5.5	17	22	M6×1P	15		
16	5	3.175	1.5×2	805	1525	31	50	54	12	41	15	5.5	9.5	5.5	20	23	M6×1P	19		
			2.5×1	690	1270		45											16		
			2.5×2	1250	2540		60											31		
			3.5×1	920	1780		50											22		
20	5	3.175	1.5×2	965	2070	35	50	58	12	46	15	5.5	9.5	5.5	22	27	M6×1P	24		
			2.5×1	830	1730		45											20		
			2.5×2	1510	3460		60											39		
			3.5×1	1110	2420		50											26		
	6	3.969	3.175	1.5×2	1285	2545	36	66	60	12	47	15	5.5	9.5	5.5	23	28	M6×1P	24	
				2.5×1	1100	2120		48											20	
				3.5×1	1470	2970		66											28	
25	6	3.969	1.5×2	1420	3215	42	65	68	12	55	15	5.5	9.5	5.5	28	33	M6×1P	29		
			2.5×1	1210	2680		50											24		
			2.5×2	2190	5360		68											47		
			3.5×1	1610	3750		65											34		
	10	4.762	3.969	1.5×2	1820	3840	45	75	72	16	58	15	6.6	11	6.5	29	35	M6×1P	30	
				2.5×1	1560	3200		65											25	
			3.5×1	2080	4480		75											35		
28	5	3.175	1.5×2	1110	2960	44	50	70	12	56	15	6.6	11	6.5	28	35	M6×1P	31		
			2.5×1	950	2470		45											26		
			2.5×2	1720	4940		60											50		
			3.5×1	1270	3460		50											36		
	6	3.969	3.175	1.5×2	1480	3605	44	55	70	12	56	15	6.6	11	6.5	28	36	M6×1P	32	
				2.5×1	1270	3000		50											26	
				2.5×2	2300	6000		68											51	
				3.5×1	1690	4200		55											37	

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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		
40	5	3.175	1.5×2	1280	4270		55											41		
			2.5×1	1090	3560		50											34		
			2.5×2	1980	7120	58	65	92	16	72	15	9	14	8.5	34	47	M8×1P	66		
			2.5×3	2800	10680		80												98	
			3.5×1	1450	4980		55												47	
	6	3.969		1.5×2	1750	5300		60											42	
				2.5×1	1500	4420		54											35	
				2.5×2	2720	8840	60	72	94	16	76	15	9	14	8.5	36	48	PT1/8"	69	
				2.5×3	3850	13260		90												101
				3.5×1	2000	6190		60												49
	8	4.762		1.5×2	2220	6320		70											43	
				2.5×1	1900	5270		62											36	
				2.5×2	3450	10540	62	86	96	16	78	15	9	14	8.5	38	50	PT1/8"	70	
				3.5×1	2540	7380		70												50
	10	6.35		1.5×2	3370	8335		82											45	
				2.5×1	2880	6950		72											35	
2.5×2				5220	13900	65	102	106	18	85	20	11	17.5	11	42	52	PT1/8"	74		
3.5×1				3840	9730		82												52	
45	10	6.35	2.5×1	3020	7850		74										42			
			2.5×2	5480	15700	70	104	112	18	90	20	11	17.5	11	48	58	PT1/8"	81		
12	7.144		2.5×1	3550	8950		87										43			
			2.5×2	6440	17900	74	123	122	18	97	20	14	20	13	49	60	PT1/8"	82		

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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		63											49	
			1.5×3	2000	7960	70	73	104	16	86	15	9	14	8.5	40	57	PT1/8"	72	
			3.5×1	1610	6190		63												57
	6	3.969	2.5×2	2980	11000		75												82
			2.5×3	4220	16500	72	93	106	16	88	15	9	14	8.5	43	59	PT1/8"	121	
	8	4.762	2.5×2	3900	13020		88												85
			2.5×3	5520	19530	75	112	116	18	95	20	11	17.5	11	45	60	PT1/8"	125	
	10	6.35	1.5×2	3725	10450		84												54
			2.5×1	3190	8710		74												45
			2.5×2	5790	17420	78	104	119	18	98	20	11	17.5	11	48	62	PT1/8"	88	
			2.5×3	8200	26130		134												130
			3.5×1	4260	12190		84												63
12	7.144	2.5×1	3700	10050		87												46	
		2.5×2	6710	20100	82	123	128	22	105	20	14	20	13	52	64	PT1/8"	89		
55	10	6.35	2.5×2	6005	19540		100											95	
			2.5×3	8150	29310	84	130	125	18	103	20	11	17.5	11	54	68	PT1/8"	140	
63	10	6.35	2.5×1	3510	11200		77											55	
			2.5×2	6370	22400	90	107	132	20	110	20	11	17.5	11	53	76	PT1/8"	106	
			2.5×3	9020	33600		137												156
	12	7.938	2.5×1	4770	13780		88												59
			2.5×2	8650	27560	94	124	142	22	117	20	14	20	13	57	76	PT1/8"	113	
			2.5×3	12250	41340		160											167	
16	9.525	2.5×1	8050	23100		105												72	
		2.5×2	14600	46200	100	153	150	22	123	20	14	20	13	62	79	PT1/8"	140		
80	10	6.35	2.5×2	7130	28500		109											129	
			2.5×3	10100	42750	115	139	163	22	137	20	14	20	13	64	91	PT1/8"	190	
	12	7.938	2.5×2	9710	35560		125												137
2.5×3			13760	53340	120	159	169	22	143	25	14	20	13	67	94	PT1/8"	202		
16	9.525	2.5×2	16450	59280		156												170	
		2.5×3	23300	88920	125	204	190	28	154	25	18	26	17.5	70	96	PT1/8"	250		