



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD (kgf)		NUT		FLANGE					FIT	BOLT			OIL HOLE	STIFFNESS
O.D.	LEAD			Dynamic (1×10 <sup>6</sup> REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/mm
20	4	2.381	2.5×1×(2)	450	1060	40	50	63.5	11	51	21	42	10	5.5	9.5	5.5	M6×1P	32
			3.5×1×(2)	600	1480		60											49
	5	3.175	2.5×1×(2)	830	1730	44	56	67	11	55	26	52	15	5.5	9.5	5.5	M6×1P	40
			3.5×1×(2)	1110	2420		65											55
6	3.969	2.5×1×(2)	1100	2120	48	67	71	11	59	27	54	15	5.5	9.5	5.5	M6×1P	41	
8	3.969	2.5×1×(2)	1100	2120	48	78	75	13	61	27	54	15	6.6	11	6.5	M6×1P	41	
25	4	2.381	2.5×1×(2)	510	1355	46	50	69	11	57	26	52	15	5.5	9.5	5.5	M6×1P	43
			2.5×2×(2)	930	2710		74											84
	5	3.175	2.5×1×(2)	910	2150	50	55	73	11	61	28	56	15	5.5	9.5	5.5	M6×1P	48
			2.5×2×(2)	1650	4300		85											92
	6	3.969	2.5×1×(2)	1210	2680	53	62	76	11	64	29	58	15	5.5	9.5	5.5	M6×1P	49
2.5×2×(2)			2190	5360	98		94											
8	4.762	2.5×1×(2)	1560	3200	58	77	85	13	71	32	64	15	6.6	11	6.5	M6×1P	50	
10	4.762	2.5×1×(2)	1560	3200	58	100	85	15	71	32	64	15	6.6	11	6.5	M6×1P	50	
28	5	3.175	2.5×1×(2)	950	2470	55	56	83	12	69	31	62	15	6.6	11	6.5	M8×1P	52
			2.5×2×(2)	1720	4940		86											101
	6	3.969	2.5×1×(2)	1270	3000	55	63	83	12	69	31	62	15	6.6	11	6.5	M8×1P	53
2.5×2×(2)			2300	6000	100		103											
10	4.762	1.5×1×(2)	1045	2120	60	74	93	15	76	36	72	15	9	14	8.5	M8×1P	34	
32	4	2.381	2.5×1×(2)	565	1750	54	50	81	12	67	32	64	15	6.6	11	6.5	M6×1P	52
			2.5×2×(2)	1020	3500		76											101
	5	3.175	2.5×1×(2)	1010	2840	58	57	85	12	71	32	64	15	6.6	11	6.5	M8×1P	58
			2.5×2×(2)	1830	5680		87											112
	6	3.969	2.5×1×(2)	1330	3450	62	63	88	12	75	34	68	15	6.6	11	6.5	M8×1P	59
			2.5×2×(2)	2410	6900		99											114
8	4.762	1.5×1×(2)	1110	2510	66	64	100	15	82	38	76	15	9	14	8.5	M8×1P	37	
		2.5×1×(2)	1720	4180		80											61	
10	6.35	1.5×1×(2)	1660	3260	74	78	108	15	90	41	82	15	9	14	8.5	M6×1P	39	
		2.5×1×(2)	2570	5440		97											64	
12	6.35	1.5×1×(2)	1660	3260	74	88	108	18	90	41	82	15	9	14	8.5	M8×1P	39	
		2.5×1×(2)	2570	5440		110											64	

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SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD (kgf)		NUT		FLANGE					FIT	BOLT			OIL HOLE	STIFFNESS
O.D.	LEAD			Dynamic (1×10 <sup>6</sup> REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/μm
36	5	3.175	2.5×1×(2) 2.5×2×(2)	1060 1920	3210 6420	65	60 90	98	15	82	38	76	15	9	14	8.5	M8×1P	64 123
	6	3.969	2.5×1×(2) 2.5×2×(2)	1430 2600	3950 7900	65	66 102	98	15	82	38	76	15	9	14	8.5	M8×1P	65 126
	10	6.35	1.5×1×(2) 2.5×1×(2)	1750 2720	3710 6180	75	81 103	118	18	98	45	90	15	11	17.5	11	M8×1P	43 70
40	5	3.175	2.5×1×(2) 2.5×2×(2)	1090 1980	3560 7120	67	60 90	101	15	83	39	78	15	9	14	8.5	M8×1P	69 133
	6	3.969	2.5×1×(2) 2.5×2×(2)	1500 2720	4420 8840	70	66 102	104	15	86	40	80	15	9	14	8.5	PT1/8"	71 138
	8	4.762	2.5×1×(2) 2.5×2×(2)	1900 3450	5270 10540	74	83 131	108	15	90	41	82	15	9	14	8.5	PT1/8"	73 141
	10	6.35	1.5×1×(2) 2.5×1×(2) 3.5×1×(2)	1860 2880 3850	4710 6950 9730		81 103 121											47 76 105
	12	6.35	2.5×1×(2)	2880	6950	86	112	128	18	106	48	96	20	11	17.5	11	PT1/8"	76
45	10	6.35	2.5×1×(2)	3020	7850	88	101	132	18	110	50	100	20	11	17.5	11	PT1/8"	84
	12	7.144	2.5×1×(2)	3550	8950	90	112	132	18	110	50	100	20	11	17.5	11	PT1/8"	85
50	5	3.175	2.5×1×(2)	1210	4420	80	60	114	15	96	43	86	15	9	14	8.5	PT1/8"	83
	6	3.969	2.5×2×(2)	2980	11000	84	103	118	15	100	45	90	15	9	14	8.5	PT1/8"	164
	8	4.762	2.5×2×(2)	3900	13020	87	134	129	18	107	49	98	20	11	17.5	11	PT1/8"	170
	10	6.35	2.5×1×(2) 2.5×2×(2) 3.5×1×(2)	3190 5790 4260	8710 17420 12190		101 161 121											91 177 126
	12	7.144	2.5×1×(2)	3700	10050	100	116	146	22	122	55	110	20	14	20	13	PT1/8"	92
55	10	6.35	2.5×1×(2) 2.5×2×(2)	3310 6005	9770 19540	102	101 161	144	18	122	54	108	20	11	17.5	11	PT1/8"	98 191
	10	6.35	2.5×1×(2) 2.5×2×(2)	3510 6370	11200 22400	108	105 165	154	22	130	58	116	20	14	20	13	PT1/8"	110 213
63	12	7.938	2.5×1×(2)	4770	13780	115	124	161	22	137	61	122	20	14	20	13	PT1/8"	113