



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
36	10	6.35	3.5×1	3890	9390	60	84	100	18	80	20	11	17.5	11	36	22	M8×1P	76
			5×1	4750	11860		94											93
	12	6.35	2.5×1	2990	6920	60	85	100	18	80	20	11	17.5	11	36	22	M8×1P	58
			3.5×1	3890	9390		97											76
	16	6.35	2.5×1	2990	6920	60	91	100	18	80	20	11	17.5	11	36	22	M8×1P	58
			3.5×1	3890	9390		107											76
	20	6.35	1.5×1	2050	4450	60	91	100	18	80	20	11	17.5	11	36	22	M8×1P	41
			2.5×1	2990	6920		111											58
3.5×1			3890	9390	131		76											
5×1			4750	11860	151		93											
40	10	6.35	3.5×1	4130	10560	64	86	104	18	84	20	11	17.5	11	38	22	PT1/8"	82
			5×1	5050	13340		96											101
	12	6.35	2.5×1	3180	7780	64	86	104	18	84	20	11	17.5	11	38	22	PT1/8"	63
			3.5×1	4130	10560		98											82
	16	6.35	2.5×1	3180	7780	64	93	104	18	84	20	11	17.5	11	38	22	PT1/8"	63
			3.5×1	4130	10560		109											82
	16	7.144	2.5×1	3740	8790	64	92	104	18	84	15	11	17.5	11	39	20	PT1/8"	65
			3.5×1	4870	11930		108											84
	20	6.35	2.5×1	3180	7780	64	104	104	18	84	20	11	17.5	11	38	22	PT1/8"	63
			3.5×1	4130	10560		124											82
20	6.35	1.5×1	2180	5000	64	84	104	18	84	20	11	17.5	11	38	22	PT1/8"	43	
		5×1	5050	13340		144											101	
40	6.35	1.5×1	2180	5000	64	130	104	18	84	20	11	17.5	11	38	20	PT1/8"	43	

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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	10	6.35	3.5×1 5×1	4560 5580	13230 16710	73	85 95	118	18	96	20	11	17.5	11	43	22	PT1/8"	97 119
	12	6.35	2.5×1 3.5×1 5×1	3510 4560 5580	9750 13230 16710	73	82 94 106	118	18	96	20	11	17.5	11	43	22	PT1/8"	74 97 119
	12	7.144	2.5×1 3.5×1 5×1	4080 5300 6480	11260 15280 19300	75	93 105 117	122	20	98	15	14	20	13	44	24	PT1/8"	75 99 121
	16	6.35	2.5×1 3.5×1 5×1	3510 4560 5580	9750 13230 16710	73	94 110 126	118	18	96	20	11	17.5	11	43	22	PT1/8"	74 97 119
	16	7.144	2.5×1 3.5×1 5×1	4080 5300 6480	11260 15280 19300	75	100 116 132	122	20	98	15	14	20	13	44	22	PT1/8"	75 99 121
	20	7.144	1.5×1 2.5×1 3.5×1 5×1	2790 4080 5300 6480	7240 11260 15280 19300	75	98 118 138 158	122	20	98	15	14	20	13	44	20	PT1/8"	52 75 99 121
	20	7.938	2.5×1 3.5×1 5×1	4750 6180 7550	12090 16400 20720	76	119 139 159	123	25	99	20	14	20	13	46	25	PT1/8"	78 101 124
	50	7.938	1.5×1	3250	7770	76	157	123	25	99	20	14	20	13	46	25	PT1/8"	53

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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
63	10	6.35	3.5×1 5×1	5030 6150	17020 21500	86	86 96	133	22	108	20	14	20	13	49	24	PT1/8"	115 141
	12	6.35	2.5×1 3.5×1 5×1	3870 5030 6150	12540 17020 21500	86	84 96 108	133	22	108	20	14	20	13	49	24	PT1/8"	87 115 141
	12	7.144	2.5×1 3.5×1 5×1	4540 5900 7210	14460 19620 24780	87	90 102 114	134	22	110	20	14	20	13	50	25	PT1/8"	89 117 145
	16	7.144	2.5×1 3.5×1 5×1	4540 5900 7210	14460 19620 24780	87	97 113 129	134	22	110	20	14	20	13	50	25	PT1/8"	89 117 145
	16	7.938	2.5×1 3.5×1 5×1	5260 6840 8360	15430 20940 26450	89	112 128 144	148	28	118	25	18	26	17.5	52	25	PT1/8"	91 120 147
	20	6.35	2.5×1 3.5×1 5×1	3870 5030 6150	12540 17020 21500	86	104 124 144	133	22	108	20	14	20	13	49	24	PT1/8"	87 115 141
	20	7.938	2.5×1 3.5×1 5×1	5260 6840 8360	15430 20940 26450	89	120 140 160	148	28	118	25	18	26	17.5	52	25	PT1/8"	91 120 147
	20	9.525	2.5×1 3.5×1 5×1	8870 11530 14090	25870 35110 44350	93	120 140 160	152	28	122	25	18	26	17.5	54	28	PT1/8"	105 136 167
	80	10	6.35	3.5×1 5×1	5630 6880	21660 27360	103	90 100	150	22	126	20	14	20	13	58	25	PT1/8"
12		7.938	3.5×1 5×1	7670 9380	27030 34140	123	101 113	170	22	146	20	14	20	13	66	28	PT1/8"	143 177
16		9.525	2.5×1 3.5×1 5×1	9900 12990 15880	33200 45050 56910	126	108 124 140	185	28	155	30	18	26	17.5	70	28	PT1/8"	124 162 201
20		9.525	2.5×1 3.5×1 5×1	9900 12990 15880	33200 45050 56910	126	120 140 160	185	28	155	30	18	26	17.5	70	28	PT1/8"	124 162 201
100	16	9.525	2.5×1 3.5×1 5×1	11320 14720 17990	41820 56750 71690	146	115 131 147	217	32	181	30	22	32	21.5	82	35	PT1/8"	139 182 226
	20	9.525	2.5×1 3.5×1 5×1	11320 14720 17990	41820 56750 71690	146	128 148 168	217	32	181	30	22	32	21.5	82	35	PT1/8"	139 182 226