



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 ⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/mm
36	10	6.35	3.5×1	3890	9390	75	155	118	18	98	45	90	15	11	17.5	11	M8×1P	115
			5×1	4750	11860		175											143
	12	6.35	2.5×1	2990	6920	75	140	118	18	98	45	90	15	11	17.5	11	M8×1P	88
			3.5×1	3890	9390		164											115
	16	6.35	5×1	4750	11860	75	188	118	18	98	45	90	15	11	17.5	11	M8×1P	143
			2.5×1	2990	6920		171											88
	20	6.35	1.5×1	2050	4450	75	164	118	18	98	45	90	15	11	17.5	11	PT1/8"	59
			2.5×1	2990	6920		204											88
3.5×1			3890	9390	244		115											
5×1			4750	11860	284		143											
40	10	6.35	3.5×1	4130	10560	86	155	128	18	106	49	98	15	11	17.5	11	PT1/8"	125
			5×1	5050	13340		175											155
	12	6.35	2.5×1	3180	7780	86	141	128	18	106	49	98	15	11	17.5	11	PT1/8"	95
			3.5×1	4130	10560		165											125
	16	6.35	5×1	5050	13340	86	189	128	18	106	49	98	15	11	17.5	11	PT1/8"	155
			2.5×1	3180	7780		173											95
	16	7.144	3.5×1	4130	10560	86	205	128	18	106	49	98	15	11	17.5	11	PT1/8"	125
			5×1	5050	13340		237											155
	20	6.35	2.5×1	3740	8790	86	173	128	18	106	49	98	15	11	17.5	11	PT1/8"	98
			3.5×1	4870	11930		205											128
5×1			5950	15070	237		159											
1.5×1			2180	5000	143		64											
40	6.35	2.5×1	3180	7780	86	183	128	18	106	49	98	15	11	17.5	11	PT1/8"	95	
		3.5×1	4130	10560		223											125	
40	6.35	5×1	5050	13340	86	263	128	18	106	49	98	15	11	17.5	11	PT1/8"	155	
		1.5×1	2180	5000		242											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 ⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/mm	
50	10	6.35	3.5×1	4560	13230	93	155	135	18	113	51	102	20	11	17.5	11	PT1/8"	149	
			5×1	5580	16710		175											185	
	12	6.35	2.5×1	3510	9750	93	141	135	18	113	51	102	20	11	17.5	11	PT1/8"	112	
			3.5×1	4560	13230		165											149	
	12	7.144	2.5×1	4080	11260	100	161	146	25	122	55	110	20	14	20	13	PT1/8"	114	
			3.5×1	5300	15280		185											151	
	16	6.35	2.5×1	3510	9750	93	174	135	18	113	51	102	20	11	17.5	11	PT1/8"	187	
			3.5×1	4560	13230		206											149	
	16	7.144	2.5×1	4080	11260	100	173	146	25	122	55	110	15	14	20	13	PT1/8"	114	
			3.5×1	5300	15280		205											151	
20	7.144	1.5×1	2790	7240	100	172	146	25	122	55	110	15	14	20	13	PT1/8"	77		
		2.5×1	4080	11260		204											114		
20	7.938	3.5×1	5300	15280	105	244	152	25	128	58	116	20	14	20	13	PT1/8"	151		
		5×1	6480	19300		284											187		
20	7.938	2.5×1	4750	12090	105	219	152	25	128	58	116	20	14	20	13	PT1/8"	117		
		3.5×1	6180	16400		259											154		
50	7.938	5×1	7550	20720	105	299	152	25	128	58	116	20	14	20	13	PT1/8"	191		
		1.5×1	3250	7770		305											79		

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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 ⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/μm
63	10	6.35	3.5×1 5×1	5030 6150	17020 21500	108	155 175	154	22	130	58	116	20	14	20	13	PT1/8"	178 220
	12	6.35	2.5×1 3.5×1 5×1	3870 5030 6150	12540 17020 21500	108	153 177 201	154	22	130	58	116	20	14	20	13	PT1/8"	134 178 220
	12	7.144	2.5×1 3.5×1 5×1	4540 5900 7210	14460 19620 24780	115	158 182 206	161	22	137	61	122	20	14	20	13	PT1/8"	136 180 224
	16	7.144	2.5×1 3.5×1 5×1	4540 5900 7210	14460 19620 24780	115	177 209 241	161	22	137	61	122	20	14	20	13	PT1/8"	136 180 224
	16	7.938	2.5×1 3.5×1 5×1	5260 6840 8360	15430 20940 26450	120	207 239 271	180	28	150	72	144	25	18	26	17.5	PT1/8"	139 184 228
	20	6.35	2.5×1 3.5×1 5×1	3870 5030 6150	12540 17020 21500	108	205 245 285	154	22	130	58	116	20	14	20	13	PT1/8"	134 178 220
	20	9.525	2.5×1 3.5×1 5×1	8870 11530 14090	25870 35110 44350	122	219 259 299	182	28	150	72	144	25	18	26	17.5	PT1/8"	158 208 258
	80	10	6.35	3.5×1 5×1	5630 6880	21660 27360	130	159 179	176	22	152	66	132	20	14	20	13	PT1/8"
12		7.938	3.5×1 5×1	7670 9380	27030 34140	136	184 208	182	22	158	68	136	20	14	20	13	PT1/8"	222 275
16		9.525	2.5×1 3.5×1 5×1	9900 12990 15880	33200 45050 56910	143	188 220 252	204	28	172	77	154	30	18	26	17.5	PT1/8"	189 251 311
20		9.525	2.5×1 3.5×1 5×1	9900 12990 15880	33200 45050 56910	143	220 260 300	204	28	172	77	154	30	18	26	17.5	PT1/8"	189 251 311
100		16	9.525	2.5×1 3.5×1 5×1	11320 14720 17990	41820 56750 71690	170	211 243 275	243	32	205	91	182	30	22	32	21.5	PT1/8"
	20	9.525	2.5×1 3.5×1 5×1	11320 14720 17990	41820 56750 71690	170	228 268 308	243	32	205	91	182	30	22	32	21.5	PT1/8"	213 283 351