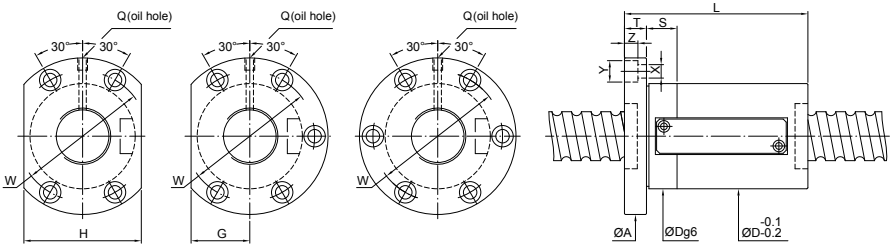
FSWE



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 (1×10⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/μm
12	10	2.381	2.5×1	420	720	30	50	50	10	40	16	32	10	4.5	8	4.4	M6×1P	20
20	10	3.969	2.5×1	1210	2380	46	63	73.5	13	59	25	50	10	5.5	9.5	5.5	M6×1P	34
			3.5×1	1580	3230		73											45
	16	3.969	1.5×1	830	1530	46	63	73.5	13	59	25	50	10	5.5	9.5	5.5	M6×1P	24
			2.5×1	1210	2380		79											34
	20	3.969	1.5×1	830	1530	46	70	73	13	59	25	50	10	5.5	9.5	5.5	M6×1P	24
25	16	3.969	1.5×1	920	1930	54	62	76	15	64	32	64	15	6.6	11	6.5	M6×1P	28
			2.5×1	1340	3000		78											40
	20	4.762	1.5×1	1170	2300	58	74	85	15	71	32	64	15	6.6	11	6.5	M6×1P	29
			2.5×1	1710	3580		94											42
			3.5×1	2220	4860		114											55
32	16	3.969	1.5×1	1010	2480	62	63	88	15	75	34	68	15	6.6	11	6.5	M8×1P	33
			2.5×1	1470	3860		79											48
			3.5×1	1910	5240		95											63
			5×1	2340	6620		111											77
	16	6.35	2.5×1	2830	6090	74	92	108	18	90	41	82	15	11	17.5	11	M8×1P	54
			3.5×1	3680	8270		108											69
			5×1	4490	10450		124											85
	20	3.969	1.5×1	1010	2480	62	70	88	15	75	34	68	15	6.6	11	6.5	M8×1P	33
			2.5×1	1470	3860		90											48
			3.5×1	1910	5240		110											63
			5×1	2350	6610		130											77
	20	6.35	2.5×1	2830	6090	74	104	108	18	90	41	82	15	11	17.5	11	M8×1P	54
			3.5×1	3680	8270		124											69
			5×1	4490	10450		144											85

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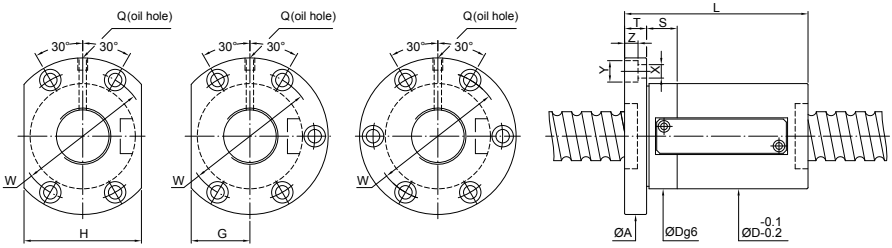

Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD(kgf)		NUT		FLANGE					FIT	BOLT			OIL HOLE	STIFFNESS
O.D.	LEAD			Dynamic (1×10⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/μm
36	10	6.35	3.5×1	3890	9390	75	84	118	18	98	45	90	15	11	17.5	11	M8×1P	76
			5×1	4750	11860		94											93
	12	6.35	2.5×1	2990	6920	75	85	118	18	98	45	90	15	11	17.5	11	M8×1P	58
			3.5×1	3890	9390		97											76
			5×1	4750	11860		109											93
	16	6.35	2.5×1	2990	6920	75	91	118	18	98	45	90	15	11	17.5	11	M8×1P	58
			3.5×1	3890	9390		107											76
			5×1	4750	11860		123											93
	20	6.35	1.5×1	2050	4450	75	91	118	18	98	45	90	15	11	17.5	11	PT1/8"	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	86	86	128	18	106	49	98	15	11	17.5	11	PT1/8"	82
			5×1	5050	13340		96											101
	12	6.35	2.5×1	3180	7780	86	86	128	18	106	49	98	15	11	17.5	11	PT1/8"	63
			3.5×1	4130	10560		98											82
			5×1	5050	13340		110											101
	16	6.35	2.5×1	3180	7780	86	93	128	18	106	49	98	15	11	17.5	11	PT1/8"	63
			3.5×1	4130	10560		109											82
			5×1	5050	13340		125											101
	16	7.144	2.5×1	3740	8790	86	92	128	18	106	49	98	15	11	17.5	11	PT1/8"	65
			3.5×1	4870	11930		108											84
			5×1	5950	15070		124											103
	20	6.35	1.5×1	2180	5000	86	84	128	18	106	49	98	15	11	17.5	11	PT1/8"	43
			2.5×1	3180	7780		104											63
			3.5×1	4130	10560		124											82
			5×1	5050	13340		144											101
	40	6.35	1.5×1	2180	5000	86	130	128	18	106	49	98	15	11	17.5	11	PT1/8"	43

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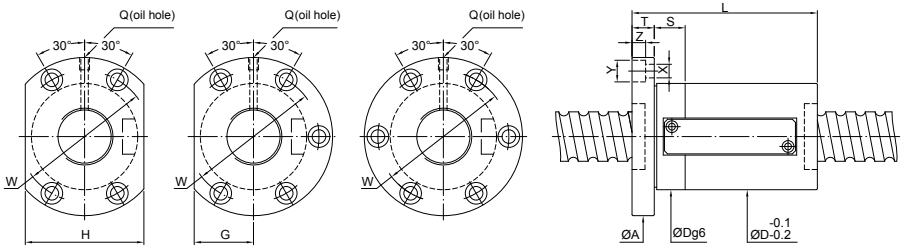

Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD(kgf)		NUT		FLANGE					FIT	BOLT			OIL HOLE	STIFFNESS
O.D.	LEAD			Dynamic (1×10⁶ REV.) Ca	Static Co	Dg6	L	A	T	W	G	H	S	X	Y	Z	Q	kgf/μm
50	10	6.35	3.5×1	4560	13230	93	85	135	18	113	51	102	20	11	17.5	11	PT1/8"	97
			5×1	5580	16710		95											119
	12	6.35	2.5×1	3510	9750	93	80	135	18	113	51	102	20	11	17.5	11	PT1/8"	74
			3.5×1	4560	13230		92											97
			5×1	5580	16710		104											119
	12	7.144	2.5×1	4080	11260	100	93	146	25	122	55	110	20	14	20	13	PT1/8"	75
			3.5×1	5300	15280		105											99
			5×1	6480	19300		117											121
	16	6.35	2.5×1	3510	9750	93	94	135	18	113	51	102	20	11	17.5	11	PT1/8"	74
			3.5×1	4560	13230		110											97
			5×1	5580	16710		126											119
	16	7.144	2.5×1	4080	11260	100	100	146	25	122	55	110	20	14	20	13	PT1/8"	75
			3.5×1	5300	15280		116											99
			5×1	6480	19300		132											121
	20	7.144	1.5×1	2790	7240	100	98	146	25	122	55	110	20	14	20	13	PT1/8"	52
			2.5×1	4080	11260		118											75
			3.5×1	5300	15280		138											99
			5×1	6480	19300		158											121
	20	7.938	2.5×1	4750	12090	105	119	152	25	128	58	116	20	14	20	13	PT1/8"	78
			3.5×1	6180	16400		139											101
			5×1	7550	20720		159											124
	50	7.938	1.5×1	3250	7770	105	157	152	25	128	58	116	20	14	20	13	PT1/8"	53

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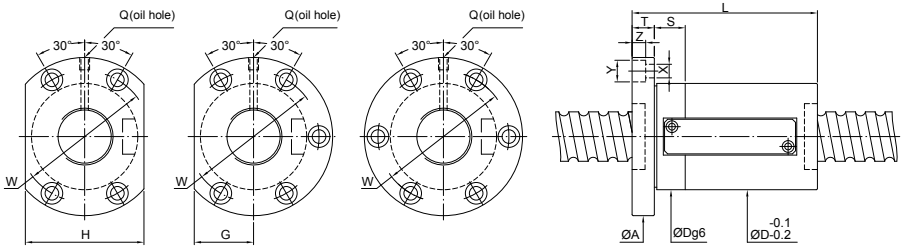

Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD(kgf)		NUT		FLANGE					FIT	BOLT			OIL HOLE	STIFFNESS
O.D.	LEAD			Dynamic (1×10⁶ 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	5030	17020	108	86	154	22	130	58	116	20	14	20	13	PT1/8"	115
			5×1	6150	21500		96											141
	12	6.35	2.5×1	3870	12540	108	84	154	22	130	58	116	20	14	20	13	PT1/8"	87
			3.5×1	5030	17020		96											115
			5×1	6150	21500		108											141
	12	7.144	2.5×1	4540	14460	115	90	161	22	137	61	122	20	14	20	13	PT1/8"	89
			3.5×1	5900	19620		102											117
			5×1	7210	24780		114											145
	16	7.144	2.5×1	4540	14460	115	97	161	22	137	61	122	20	14	20	13	PT1/8"	89
			3.5×1	5900	19620		113											117
			5×1	7210	24780		129											145
	16	7.938	2.5×1	5260	15430	120	112	180	28	150	72	144	25	18	26	17.5	PT1/8"	91
			3.5×1	6840	20940		128											120
			5×1	8360	26450		144											147
	20	6.35	2.5×1	3870	12540	108	104	154	22	130	58	116	20	14	20	13	PT1/8"	87
			3.5×1	5030	17020		124											115
			5×1	6150	21500		144											141
	20	9.525	2.5×1	8870	25870	122	120	182	28	150	72	144	25	18	26	17.5	PT1/8"	105
			3.5×1	11530	35110		140											136
			5×1	14090	44350		160											167
80	10	6.35	3.5×1	5630	21660	130	90	176	22	152	66	132	20	14	20	13	PT1/8"	133
			5×1	6880	27360		100											164
	12	7.938	3.5×1	7670	27030	136	101	182	22	158	68	136	20	14	20	13	PT1/8"	143
			5×1	9380	34140		113											177
	16	9.525	2.5×1	9900	33200	143	108	204	28	172	77	154	30	18	26	17.5	PT1/8"	124
			3.5×1	12990	45050		124											162
			5×1	15880	56910		140											201
	20	9.525	2.5×1	9900	33200	143	120	204	28	172	77	154	30	18	26	17.5	PT1/8"	124
			3.5×1	12990	45050		140											162
			5×1	15880	56910		160											201
100	16	9.525	2.5×1	11320	41820	170	115	243	32	205	91	182	30	22	32	21.5	PT1/8"	139
			3.5×1	14720	56750		131											182
			5×1	17990	71690		147											226
	20	9.525	2.5×1	11320	41820	170	128	243	32	205	91	182	30	22	32	21.5	PT1/8"	139
			3.5×1	14720	56750		148											182
			5×1	17990	71690		168											226