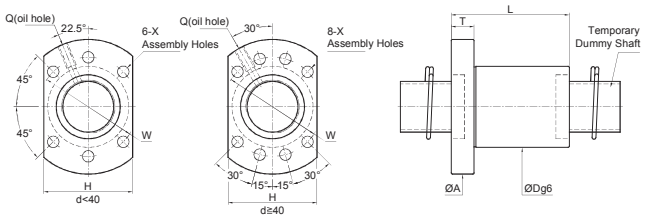
FSIN



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS	MODIFIED LOAD CAPACITY *(kgf)*		BALLNUT DIMENSION										
O.D.	LEAD			Dynamic (1×10^6 REV.) Cam	Static Coam	O.D. D	Length L	Flange A	Flange T	Flange W	Flange G	Flange H	Oil Hole Q	Assembly Hole X	STIFFNESS *kgf/μm*	Nut Model NO.
16	5	3.175	3	1050	2200	28	42	48	10	38	20	40	M6×1P	5.5	17	FSIN1605B-3.0P
20	5	3.175	3	1200	2780	36	44	58	12	47	22	44	M6×1P	6.5	24	FSIN2005B-3.0P
			4	1530	3720		50								25	FSIN2005B-4.0P
25	5	3.175	3	1320	3540	40	44	62	12	51	24	48	M6×1P	6.5	28	FSIN2505B-3.0P
			4	1700	4720		50								37	FSIN2505B-4.0P
	10	4.762	4	2900	6990		85	62	12	51	24	48	M6×1P	6.5	32	FSIN2510D-4.0P
32	5	3.175	3	1470	4560	50	47	80	12	65	31	62	M6×1P	9	37	FSIN3205B-3.0P
			4	1900	6090		50								50	FSIN3205B-4.0P
			6	2690	9150		66								69	FSIN3205B-6.0P
	10	6.35	3	3680	8750	50	74	80	13	65	31	62	M6×1P	9	39	FSIN3210F-3.0P
			4	4720	11670		80								50	FSIN3210F-4.0P
40	5	3.175	4	2090	7670	63	54	93	15	78	35	70	M8×1P	9	52	FSIN4005B-4.0P
			6	2940	11510		66								77	FSIN4005B-6.0P
	10	6.35	3	4140	11130		74								46	FSIN4010F-3.0P
			4	5310	14850		82								60	FSIN4010F-4.0P
50	10	6.35	3	4610	14090	75	78	110	18	93	42.5	85	M8×1P	11	54	FSIN5010F-3.0P
			4	5890	18780		88								70	FSIN5010F-4.0P
			6	8350	28170		106								103	FSIN5010F-6.0P

Note:

1.Cam and Coam represent the enhanced dynamic- and static load. Their calcultions referred to the standard of DIN 69051.

2. Stiffness of nut:

Stiffness values listed above are derived from theoretical formula to the elastic deformation between thread grooves and balls while axial load is 30% dynamic load rating.