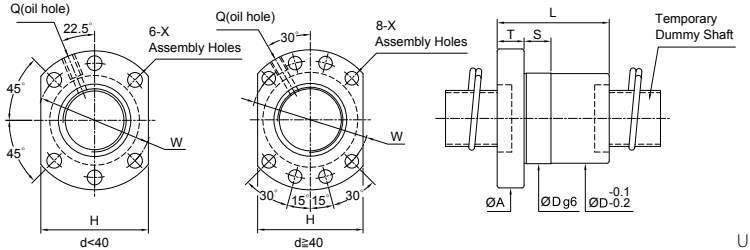

Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS	BASIC RATE LOAD(kgf)		BALLNUT DIMENSION										
O.D.	LEAD			Dynamic (1×10^6 REV.) Ca	Static Co	O.D. D	Length L	Flange A	T	W	H	Assembly Hole X	Fit S	Oil Hole Q	STIFFNESS kgf/μm	Nut Model NO.
16	5	3.175	3	570	1030	28	42	48	10	38	40	5.5	12	M6×1P	17	FSIN1605-3.0P
20	5	3.175	4	830	1890	36	50	58	12	47	44	6.5	12	M6×1P	21	FSIN2005-4.0P
25	5	3.175	4	940	2420	40	50	62	12	51	48	6.5	12	M6×1P	26	FSIN2505-4.0P
	10	4.762	4	1560	3550	40	85	62	12	51	48	6.5	15	M6×1P	27	FSIN2510-4.0P
32	5	3.175	4	1050	3390	50	50	80	12	65	62	9	12	M6×1P	32	FSIN3205-4.0P
	10	6.350	4	2510	5880	50	80	80	13	65	62	9	16	M6×1P	34	FSIN3210-4.0P
40	5	3.175	4	1180	4390	63	54	93	15	78	70	9	12	M8×1P	38	FSIN4005-4.0P
	10	6.350	4	2430	7860	63	82	93	15	78	70	9	15	M8×1P	41	FSIN4010-4.0P
50	10	6.350	4	2770	10290	75	88	110	18	93	85	11	16	M8×1P	50	FSIN5010-4.0P
			6	3920	15440		106								73	FSIN5010-6.0P

Note:

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.