



Note:
 Stiff ness of nut:
 Stiff ness 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.

Unit:mm

Screw size	BALLNUT DIMENSION														Nut Model No.	CAD	
	BASIC RATE LOAD(kgf)		O.D. Length		Flange		Assembly Hole		Fit	Oil Hole	STIFFNESS						
O.D.	Lead	Ball DIA.	Effective turns	Dynamic (1×10 ⁶ REV.) Ca	Static Co	D	L	A	T	W	H	X	S	Q	kgf/μm		
16	5	3.175	3	570	1030	28	42	48	10	38	40	5.5	12	M6x1P	17	FSIN1605-3.0P	
20	5	3.175	4	830	1890	36	50	58	12	47	44	6.5	12	M6x1P	21	FSIN2005-4.0P	
25	5	3.175	4	940	2420	40	50	62	12	51	48	6.5	12	M6x1P	26	FSIN2505-4.0P	
	10	4.762	4	1560	3550	40	85	62	12	51	48	6.5	15	M6x1P	27	FSIN2510-4.0P	
32	5	3.175	4	1050	3390	50	50	80	12	65	62	9	12	M6x1P	32	FSIN3205-4.0P	
	10	6.350	4	2510	5880	50	80	80	13	65	62	9	16	M6x1P	34	FSIN3210-4.0P	
40	5	3.175	4	1180	4390	63	54	93	15	78	70	9	12	M8x1P	38	FSIN4005-4.0P	
	10	6.350	4	2430	7860	63	82	93	15	78	70	9	15	M8x1P	41	FSIN4010-4.0P	
50	10	6.350	4	2770	10290	75	88	110	18	93	85	11	16	M8x1P	50	FSIN5010-4.0P	
	10	6.350	6	3920	15440	75	106	110	18	93	85	11	16	M8x1P	73	FSIN5010-6.0P	