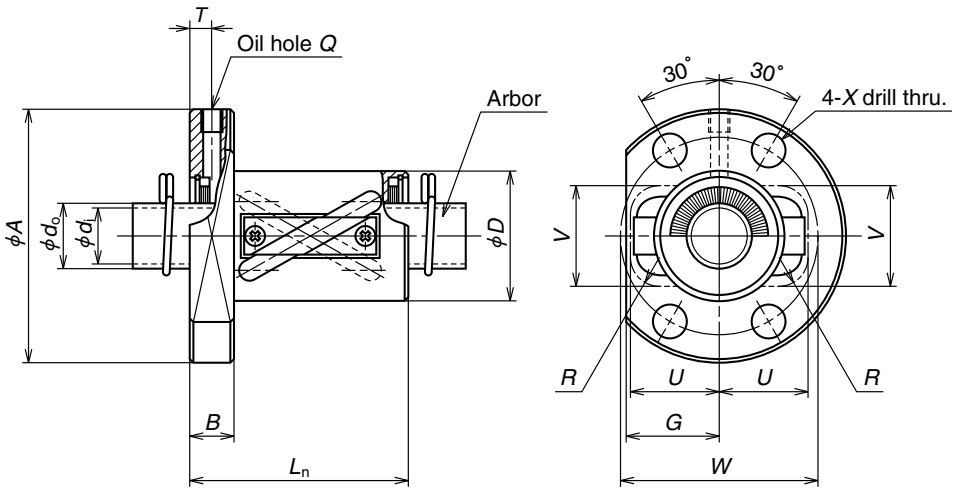
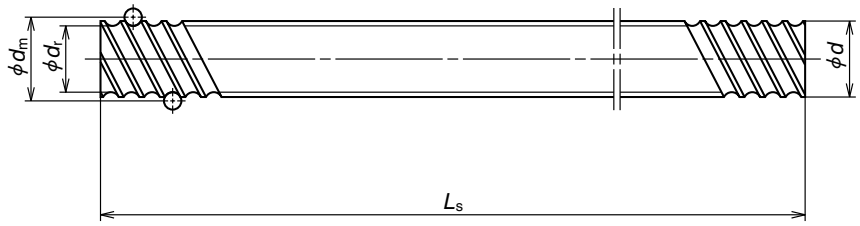


Standard stock



Unit: mm

Ball nut No.	Shaft dia. d	Lead l	Ball dia. D_w	Ball circle dia. d_m	Root dia. d_r	Effective turns of balls: Turns × Circuits	Basic load rating (N): Dynamic C_a	Basic load rating (N): Static C_{0a}	Axial play Max.	Ball nut dimensions: Outside dia. D
RNFTL 1212A3	12	12	2.381	12.65	10.1	1.5 × 2	3360	6270	0.10	24
RNFTL 1616A3 **RNFTL 1616A3S**	16	16	2.778	16.65	13.6	1.5 × 2	4880	9650	0.10	30
RNFTL 2020A3 **RNFTL 2020A3S**	20	20	3.175	20.75	17.3	1.5 × 2	7010	15400	0.10	35
RNFTL 2525A3 **RNFTL 2525A3S**	25	25	3.969	26	22.0	1.5 × 2	10500	24100	0.12	45
RNFTL 3232A3 **RNFTL 3232A3S**	32	32	4.762	33.25	28.0	1.5 × 2	15300	37100	0.15	55
RNFTL 4040A3 **RNFTL 4040A3S**	40	40	6.35	41.75	35.0	1.5 × 2	24400	61600	0.20	70

Remarks
1. Protruding portion of the tube does not have any interference with the ball nut housing if its dimensions corresponding to U and V are large enough.
2. The actual entire screw shaft length may become slightly longer than nominal length Ls due to manufacturing tolerance.
3. Seal are provided in the nut. Therefore, the external dimensions of those with the seals are the same as those without.
   In the side view drawing of ball nut, the above of the center line is with seal, and beneath is without seal.
   Seal for those with the shaft diameter of 14 mm or less is made of synthetic resin. Seal for those of 16 mm or over is a "Brush-seal."

Ball nut dimensions: Flange A	Flange G	Flange B	Length L_n	Bolt hole W	Bolt hole X	Oil hole Q	Projecting tube T	Projecting tube U	Projecting tube V	Projecting tube R	Nut Mass. (kg)	Arbor: Outside dia. d_0	Arbor: Bore d_i	Screw shaft: Standard length L_s	Screw shaft No.	Shaft mass/m (kg)
44	17	8	44	34	4.5	M3 × 0.5	4.0	17	16	5	0.16	10.1	8.1	400 800	RS1212A**	0.74
55	22	10	50	43	6.6	M6 × 1	5.0	22	22	7	0.29	13.6	11.6	500 1000 1500	RS1616A**	1.37
68	25	12	59	52	9	M6 × 1	6.0	25	27	8	0.49	17.3	14.9	500 1000 2000	RS2020A**	2.19
80	31	12	69	63	9	M6 × 1	6.0	31	32	10	0.80	22.0	19.6	1000 2000 2500	RS2525A**	3.43
100	37	15	84	80	11	M6 × 1	7.5	37	40	12	1.46	28.0	25.6	1000 2000 3000	RS3232A**	5.71
120	46	18	103	95	14	M6 × 1	9.0	46	49	15	2.69	35.0	31.8	2000 3000 4000	RS4040A**	8.82

Remarks
4. Nut assembly with arbor and the screw shaft are separated at time of delivery.
5. At the end of the screw shaft reference number where marked with "**", fill with the value obtained by dividing the standard screw shaft length by 100 mm.
6. Items in stock are not applied surface treatment.