



Ball nut No.	Shaft dia. <i>d</i>	Lead <i>l</i>	Ball dia. <i>D_v</i>	Ball circle dia. <i>d_m</i>	Root dia. <i>d_r</i>	Effective turns of balls × Circuits	Basic load rating (N)		Axial play Max.	Ball nut dimensions Outside dia. <i>D</i>
							Dynamic <i>C_{0a}</i>	Static <i>C_{0s}</i>		
							RNFBL 1006A2.5S	10		
RNFBL 1208A2.5S	12	8	2.778	12.65	9.6	2.5×1	3730	6560	0.10	29
RNFBL 1404A3.5S	14	4	2.778	14.5	11.5	3.5×1	5370	10800	0.10	31
RNFBL 1405A2.5S	14	5	3.175	14.5	11.0	2.5×1	5260	9720	0.10	32
RNFBL 1808A3.5S	18	8	4.762	18.5	13.6	3.5×1	13200	25800	0.15	50
RNFBL 2005A2.5S	20	5	3.175	20.5	17.0	2.5×1	6360	14200	0.10	40
RNFBL 2010A2.5S	20	10	4.762	21.25	16.2	2.5×1	10900	21800	0.15	52
RNFBL 2505A2.5S	25	5	3.175	25.5	22.0	2.5×1	7070	18200	0.10	43
RNFBL 2505A5S						2.5×2	12800	36300		
RNFBL 2510A2.5S	25	10	6.35	26	19.0	2.5×1	17500	35200	0.20	60
RNFBL 2510A5S						2.5×2	31800	70300		
RNFBL 2806A2.5S	28	6	3.175	28.5	25.0	2.5×1	7430	20300	0.10	50
RNFBL 2806A5S						2.5×2	13500	40600		
RNFBL 3210A2.5S	32	10	6.35	33.75	27.0	2.5×1	19700	46100	0.20	67
RNFBL 3210A5S						2.5×2	35700	92200		
RNFBL 3610A2.5S	36	10	6.35	37	30.0	2.5×1	21000	51000	0.20	70
RNFBL 3610A5S						2.5×2	38100	102000		
RNFBL 4010A5S						2.5×2	40100	116000		

Remarks 1. The actual screw shaft length may be slightly longer than nominal length *L_s* due to manufacturing tolerance.
 2. Nut assembly with arbor and screw shaft are separated at time of delivery.
 3. The value obtained by dividing the standard screw length by 100 mm will be entered at the end of the reference number where marked with "**".

Ball nut dimensions										Arbor		Screw shaft			Shaft mass/m (kg)	
Flange		Length		Bolt hole		Oil hole		Nut Mass (kg)	Outside dia. <i>d_o</i>	Bore <i>d_i</i>	Standard length		Screw shaft No.			
<i>A</i>	<i>H</i>	<i>B</i>	Overall length <i>L</i>	(<i>C</i>)	<i>W</i>	<i>X</i>	<i>Q</i>				<i>T</i>	<i>L_s</i>				
42	29	8	36	3	34	4.5	M3×0.5	5.0	0.16	8.1	6.1	400	800	RS1006A**	0.56	
45	32	8	44	3	37	4.5	M3×0.5	5.5	0.21	9.6	7.6	400	800	RS1208A**	0.81	
50	37	10	40	4	40	4.5	M6×1	5.0	0.25	11.5	9.5	500	1000	RS1404A**	1.02	
50	38	10	40	4	40	4.5	M6×1	5.0	0.26	11.0	9.0	500	1000	RS1405A**	1.00	
80	60	12	61	4	65	6.6	M6×1	6.0	1.00	13.6	11.6	500	1000	1500	RS1808A**	1.60
60	46	10	40	4	50	4.5	M6×1	5.0	0.37	17.0	14.6	500	1000	2000	RS2005A**	2.17
82	64	12	61	5	67	6.6	M6×1	6.0	1.05	16.2	13.8	500	1000	2000	RS2010A**	2.18
67	50	10	40	4	55	5.5	M6×1	5.0	0.40	22.0	19.6	1000	2000	2500	RS2505A**	3.47
			0.50													
96	72	15	66	5	78	9.0	M6×1	7.5	1.52	19.0	16.6	1000	2000	2500	RS2510A**	3.13
			1.99													
80	60	12	47	5	65	6.6	M6×1	6.0	0.70	25.0	22.6	1000	2000	2500	RS2806A**	4.47
			0.87													
103	78	15	67	5	85	9.0	M6×1	7.5	1.72	27.0	24.6	1000	2000	3000	RS3210A**	5.53
			2.25													
110	82	17	69	5	90	11.0	M6×1	8.5	1.97	30.0	27.6	1000	2000	3000	RS3610A**	6.91
			2.53													
116	88	17	99	5	96	11.0	M6×1	8.5	2.86	35.0	31.8	2000	3000	4000	RS4010A**	8.87

Remarks 4. Items in stock are not applied surface treatment.
 5. Seal for those with the shaft diameter of 14 mm or less is made of synthetic resin. Seal for those with 16 mm or larger is "Brush-seal."