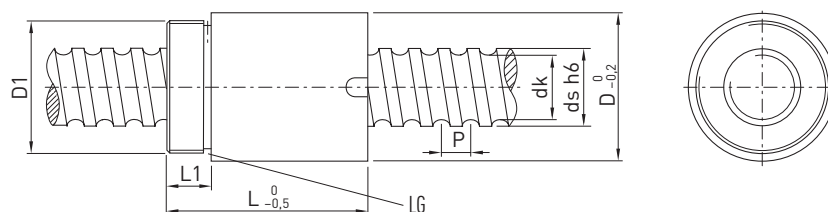


Ballscrews

Peeled ballscrews

5.4.4 Cylindrical single nut with screw-in thread SE



LG Groove for lubricant supply



Table 5.7 Nut dimensions

Type	ds	P	D	D1	L	L1	dk	Dynamic load rating C_{dyn} [N]	Static load rating C_0 [N]	Max. axial play [mm]	Mass [kg/piece]
R16-05T3-SE-F ¹⁾	16	5	36	M30 × 1.5	42	12	13.5	9,600	12,700	0.02	0.45
R20-05T4-SE-F ¹⁾	20	5	40	M35 × 1.5	52	12	17.5	13,900	21,800	0.02	0.53
R25-05T4-SE-F ²⁾	25	5	45	M40 × 1.5	60	15	22.5	15,600	27,900	0.02	0.82
R25-10T3-SE-F ²⁾	25	10	48	M45 × 1.5	70	15	21.0	24,100	36,200	0.02	1.00
R32-05T5-SE-F ²⁾	32	5	52	M48 × 1.5	60	15	29.5	20,700	43,900	0.02	1.13
R32-10T3-SE-F ²⁾	32	10	56	M52 × 1.5	80	15	27.8	34,100	56,100	0.02	1.62
R32-20T2-SE-B	32	20	56	M52 × 1.5	80	15	27.8	20,800	26,800	0.02	1.44
R40-05T5-SE-F ¹⁾	40	5	65	M60 × 1.5	68	18	37.5	22,500	54,600	0.02	1.63
R40-10T4-SE-F ¹⁾	40	10	65	M60 × 1.5	88	18	35.8	46,800	82,600	0.02	1.75
R40-20T2-SE-B ²⁾	40	20	65	M60 × 1.5	88	18	35.8	24,300	36,400	0.03	1.75
R50-10T4-SE-F ¹⁾	50	10	80	M75 × 1.5	100	20	45.8	52,800	106,800	0.02	2.96
R50-20T3-SE-B	50	20	80	M75 × 1.5	114	20	45.8	40,000	76,200	0.03	3.15
R63-10T6-SE-F ²⁾	63	10	95	M85 × 2.0	120	20	58.8	84,700	210,800	0.04	4.37
R63-20T3-SE-S	63	20	95	M85 × 2.0	138	20	55.4	96,000	189,000	0.04	4.40

¹⁾ Left-hand nut available short-term

²⁾ Left-hand nut available upon request

All dimensions stated without a unit are in mm

- Reduced axial play on request
- Nuts with dirt wipers

Order example:

R	20	05	T4	SE	F	600	680	0.052
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