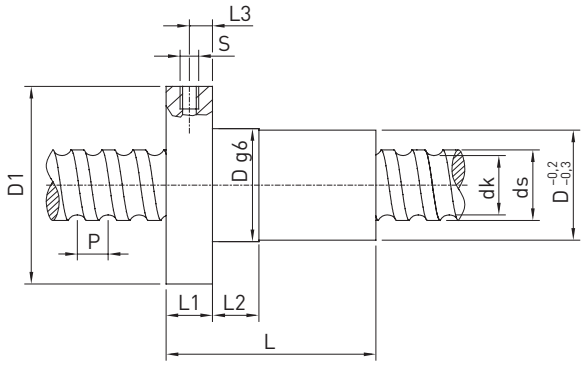
Table 6.3 **Overview of nut shapes**	
Nut designation	Description
FSC	Flange single nut with cassette recirculation
FDC	Flange double nut with cassette recirculation
FSI	Flange single nut with internal single recirculation
FDI	Flange double nut with internal single recirculation
RSI	Cylindrical single nut with internal single recirculation
RDI	Cylindrical double nut with internal single recirculation

6.4 Nuts for ground ballscrews

6.4.1 DIN single nut FSC (DIN 69051 Part 5) with total recirculation



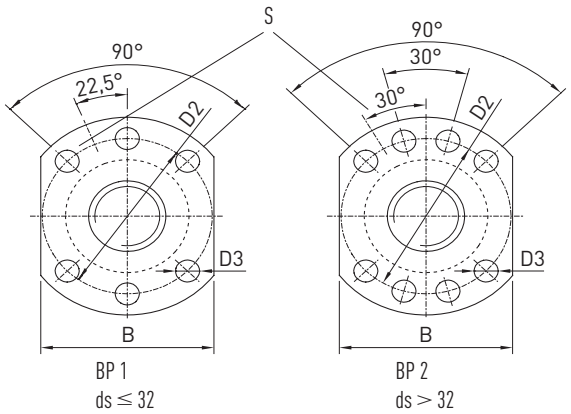


Table 6.4 **Nut dimensions**																		
Type	ds	P	Ball diameter	D min.	D1	D2	D3	Hole pattern BP	L	L1	L2	L3	Lubrication hole S	B	dk	Rigidity [N/µm]	Dynamic load rating C_{dyn} [N]	Static load rating C_0 [N]
R14-10K3-FSC	14	10	3.175	28	48	38	5.5	1	46	10	10	5	M5	40	10.72	240	11,300	17,900
R15-10K3-FSC	15	10	3.175	34[1)]	57	45	5.5	1	44	10	10	5	M5	43	12.32	250	11,800	19,300
R15-20K2-FSC	15	20	3.175	34[1)]	57	45	5.5	1	50	10	10	5	M5	43	12.32	150	7,700	12,560
R16-16K2-FSC	16	16	3.175	34[1)]	57	45	5.5	1	47	10	10	5	M5	43	13.12	170	8,300	13,850
R20-05K4-FSC	20	5	3.175	36	58	47	6.6	1	40	10	10	5	M6	44	17.32	420	18,300	36,400
R20-10K3-FSC	20	10	3.175	36	58	47	6.6	1	47	10	10	5	M6	44	17.32	320	13,800	26,600
R20-20K2-FSC	20	20	3.175	36	58	47	6.6	1	57	10	10	5	M6	44	17.32	210	9,300	17,300
R25-05K4-FSC	25	5	3.175	40	62	51	6.6	1	43	10	10	5	M6	48	22.32	490	20,200	46,120
R25-10K3-FSC	25	10	3.175	40	62	51	6.6	1	50	10	10	5	M6	48	22.32	380	15,400	33,700
R25-10K4-FSC	25	10	3.969	45[1)]	65	54	6.6	1	60	10	10	5	M6	51	21.74	560	27,100	56,600
R25-20K3-FSC	25	20	3.175	40	62	51	6.6	1	80	10	10	5	M6	48	22.32	390	15,400	34,360
R25-25K2-FSC	25	25	3.175	40	62	51	6.6	1	69	10	10	5	M6	48	22.32	250	10,300	21,700
R25-20K3-FSC	25	20	3.969	45[1)]	65	54	6.6	1	80	10	10	5	M6	51	21.74	430	20,800	42,900
R32-05K4-FSC	32	5	3.175	48	70	59	6.6	1	38	12	10	6	M6	54	29.32	570	22,500	59,600
R32-10K5-FSC	32	10	3.969	50	80	65	9.0	1	73	12	10	6	M6	62	28.74	850	37,700	94,500
R32-10K5-FSC	32	10	4.763	56[1)]	86	71	9.0	1	79	14	10	7	M6	65	28.13	860	47,200	108,900
R32-10K5-FSC	32	10	6.350	62[1)]	92	77	9.0	1	77	14	10	7	M6	74	26.91	900	69,100	144,800
R32-20K3-FSC	32	20	3.969	50	80	65	9.0	1	87	12	20	6	M6	62	28.74	520	23,300	54,300
R32-20K4-FSC	32	20	4.763	54[1)]	86	71	9.0	1	106	14	20	7	M6	65	28.13	720	39,100	89,140
R32-20K4-FSC	32	20	6.350	62[1)]	92	77	9.0	1	107	14	20	7	M6	74	26.91	700	55,500	108,540

All dimensions stated without a unit are in mm

[1)] Non-standard series of DIN 69051 Part 5 for high leads or of nut diameters deviating from the DIN standard