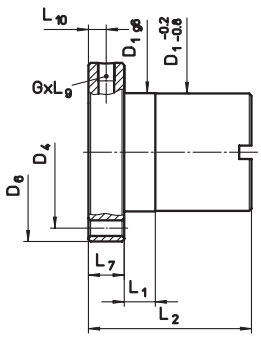
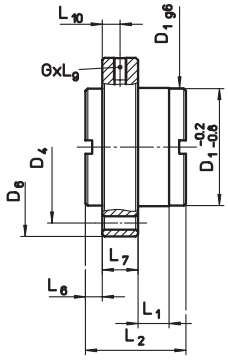
Ball screw drives
Flanged ball nuts KGF-D according to DIN 69051

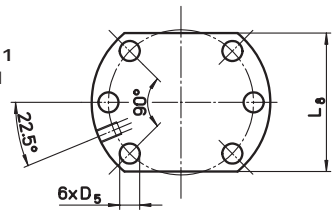
Form E



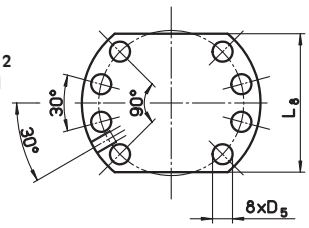
Form S



Hole pattern 1 Flanged form B to DIN 69051



Hole pattern 2 Flanged form B to DIN 69051



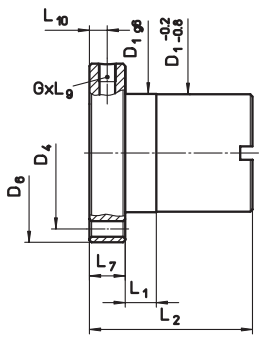
Material: 1.7131 (ESP65) / 1.3505 (100 Cr 6)

Type Diameter [mm] Lead [mm] Right hand thread	Form	Hole pattern	Dimensions [mm]											Lubrication hole G	Axial backlash max [mm]	No. of circuits	Load rating [kN]		
			D_1	D_4	D_5	D_6	L_1	L_2	L_6	L_7	L_8	L_9	L_{10}				$C^{2)}$	$C^{3)}$	$C_0=C_{0a}$
KGF-D 1605 RH-EE	E	1	28	38	5.5	48	10	42	–	10	40	10	5	M 6	0.08	3	12.0	9.3	13.1
KGF-D 1610 RH-EE	E	1	28	38	5.5	48	10	55	–	10	40	10	5	M 6	0.08	6	23.0	15.4	26.5
KGF-D 2005 RH-EE	E	1	36	47	6.6	58	10	42	–	10	44	10	5	M 6	0.08	3	14.0	10.5	16.6
KGF-D 2505 RH-EE	E	1	40	51	6.6	62	10	42	–	10	48	10	5	M 6	0.08	3	15.0	12.3	22.5
KGF-D 2510 RH-EE	E	1	40	51	6.6	62	16	55	–	10	48	10	5	M 6	0.08	3	17.5	13.2	25.3
KGF-D 2520 RH-EE	S	1	40	51	6.6	62	4	35	10.5	10	48	8	5	M 6	0.15	4	19.0	13.0	23.3
KGF-D 2525 RH-EE	S	1	40	51	6.6	62	9	35	8	10	-4)	8	5	M 6	0.08	5	21.0	16.7	32.2
KGF-D 2550 RH-EE	S	1	40	51	6.6	62	10	58	10.0	10	48	8	5	M 6	0.15	5	22.5	15.4	31.7
KGF-D 3205 RH-EE	E	1	50	65	9	80	10	55	–	12	62	10	6	M 6	0.08	5	24.0	21.5	49.3
KGF-D 3210 RH-EE	E	1	53[1)]	65	9	80	16	69	–	12	62	10	6	M 8x1	0.08	3	44.0	33.4	54.5
KGF-D 3220 RH-EE	E	1	53[1)]	65	9	80	16	80	–	12	62	10	6	M 6	0.08	4	42.5	29.7	59.8
KGF-D 4005 RH-EE	E	2	63	78	9	93	10	57	–	14	70	10	7	M 6	0.08	5	26.0	23.8	63.1
KGF-D 4010 RH-EE	E	2	63	78	9	93	16	71	–	14	70	10	7	M 8x1	0.08	3	50.0	38.0	69.1
KGF-D 4020 RH-EE	E	2	63	78	9	93	16	80	–	14	70	10	7	M 8x1	0.08	4	44.5	33.3	76.1
KGF-D 4040 RH-EE	S	2	63	78	9	93	16	85	7.5	14	-4)	10	7	M 8x1	0.08	8	42.0	35.0	101.9
KGF-D 5010 RH-EE	E	2	75	93	11	110	16	95	–	16	85	10	8	M 8x1	0.08	5	78.0	68.7	155.8
KGF-D 5020 RH-EE	E	2	85[1)]	103[1)]	11	125	22	95	–	18	95	10	9	M 8x1	0.08	4	82.0	60.0	136.3
Left hand thread																			
KGF-D 2005 LH-EE	E	1	36	47	6.6	58	10	42	–	10	44	10	5	M 6	0.08	3	16.5	10.5	16.6

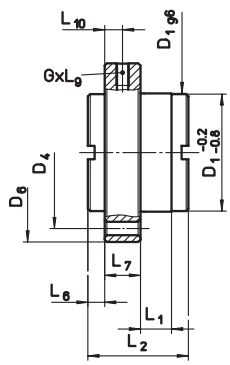
[1)] D_1 not conforming to DIN 69051.
[2)] Dynamic load rating according to DIN 69051 part 4, draft 1978.
[3)] Dynamic load rating according to DIN 69051 part 4, draft 1989.
[4)] Round flange

Ball screw drives
Flanged ball nuts KGF-N according to NEFF standard

Form E

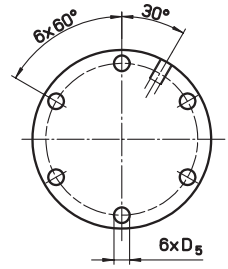


Form S



Hole pattern 3

NEFF standard



Material: 1.7131 (ESP65) / 1.3505 (100 Cr 6)

Type Diameter [mm] Lead [mm] Right hand thread	Form	Dimensions [mm]										Lubrication hole G	Axial backlash max [mm]	No. of circuits	Load rating [kN]		
		D_1	D_4	D_5	D_6	L_1	L_2	L_6	L_7	L_9	L_{10}				$C^{1)}$	$C^{2)}$	$C_o=C_{oa}$
KGF-N 1605 RH-EE	E	28	38	5.5	48	8	44	–	12	8	6	M 6	0.08	3	12.0	9.3	13.1
KGF-N 2005 RH-EE	E	32	45	7	55	8	44	–	12	8	6	M 6	0.08	3	14.0	10.5	16.6
KGF-N 2020 RH-EE	S	35	50	7	62	4	30	8	10	8	5	M 6	0.08	4	12.0	11.6	18.4
KGF-N 2050 RH-EE	S	35	50	7	62	10	56	9	10	8	5	M 6	0.15	5	18.0	13.0	24.6
KGF-N 2505 RH-EE	E	38	50	7	62	8	46	–	14	8	7	M 6	0.08	3	15.0	12.3	22.5
KGF-N 3205 RH-EE	E	45	58	7	70	10	59	–	16	8	8	M 6	0.08	5	24.0	21.5	49.3
KGF-N 3210 RH-EE	E	53	68	7	80	10	73	–	16	8	8	M 8x1	0.08	3	44.0	33.4	54.5
KGF-N 3240 RH-EE	S	53	68	7	80	14	45	7.5	16	10	8	M 6	0.08	4	17.0	14.9	32.4
KGF-N 4005 RH-EE	E	53	68	7	80	10	59	–	16	8	8	M 6	0.08	5	26.0	23.8	63.1
KGF-N 4010 RH-EE	E	63	78	9	95	10	73	–	16	8	8	M 8x1	0.08	3	50.0	38.0	69.1
KGF-N 5010 RH-EE	E	72	90	11	110	10	97	–	18	8	9	M 8x1	0.08	5	78.0	68.7	155.8
KGF-N 6310 RH-EE	E	85	105	11	125	10	99	–	20	8	10	M 8x1	0.08	4	86.0	76.0	197.0

[1)] Dynamic load rating according to DIN 69051, part 4, draft 1978.
[2)] Dynamic load rating according to DIN 69051, part 4, draft 1989.