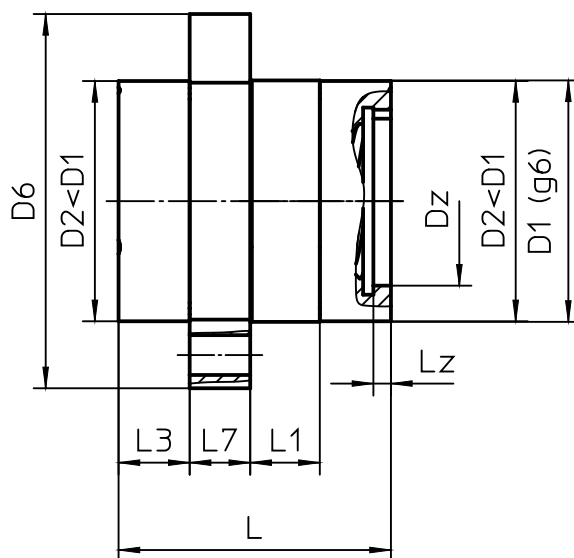
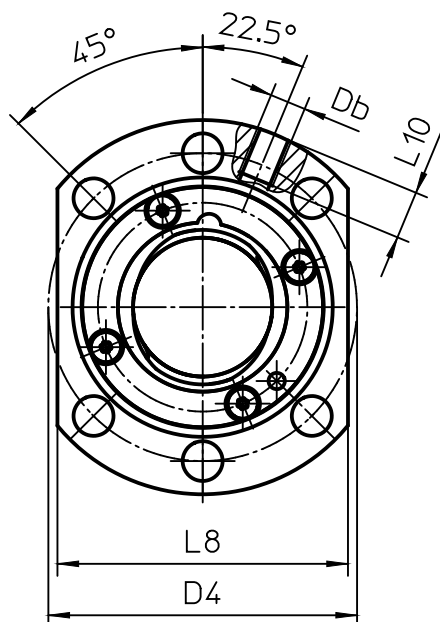


Ball screw flanged nuts HSB (KGM-F) (to ISO 3408-2 / DIN 69051-5)

- All connection dimensions to ISO3408 / DIN 69051, for easy adaptation
- Newly developed ball recirculation cover with optimised recirculation geometry for high operating speeds
- Made of the best materials and to the highest precision for optimum running characteristics and high load ratings
- Double nut units (KGM-FM) with predefined pre-load (3 %, 5 % or 7 % of the dynamic load rating)



Nominal- Ø	Pitch	Outer- Ø	Total length	Number of starts	Centering length	Projection	Flange thickness	Width across flats
d ₀	P ₀	D1	L1	i	L1	L3	L7	L8
[mm]	[mm]	[mm]	[mm]	[]	[mm]	[mm]	[mm]	[mm]
12	5	24	26	1	2.75	8.63	6	26
	10	24	26	2	6.50	6.75	6	26
16	5	28	34	1	4.50	9.75	10	40
	10	32	45	2	13.45	10.75	10	40
	20	32	34	4	3.00	11.50	8	40
	40	32	45	4	10.00	10.00	10	40
20	5	36	34	1	4.75	10.63	8	44
	10	36	34	2	3.50	11.25	8	44
	20	36	34	4	3.00	11.50	8	44
	20 (long)	36	54	4	10.00	11.50	10	44
	50	36	56	5	10.00	12.00	10	44
25	5	40	35	1	2.75	11.13	10	48
	05 (long)	40	45	1	12.75	11.13	10	48
	10	40	35	2	3.50	11.75	8	48
	10 (long)	40	45	2	11.50	11.75	10	48
	25	40	35	5	3.00	11.00	10	48
	25 (long)	40	60	5	10.00	11.00	10	48
	50	40	58	5	10.00	13.00	10	48
32	5	50	45	1	10.25	11.38	12	62
	10	50	60	2	1.70	14.15	12	62
	20	50	55	4	17.00	13.00	12	62
	40	50	50	4	14.80	11.60	12	62
	60	50	65	6	15.00	13.50	12	62



Hole depth	Pitch circle- Ø	Attachment hole	Flange-Ø	Hole-Ø	Centring		Load rating *	
L10	D4	D5	D6	Db	Dz	Lz	stat. C ₀	dyn. C
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kN]	
-	32	4.5	40	-	13.0	3.0	5.6	3.8
-	32	4.5	40	-	13.0	1.2	6.8	4.3
8	42	5.5	52	M6	17.5	1.5	16.9	10.5
8	42	5.5	52	M6	17.5	1.5	24.5	14.3
8	42	5.5	52	M6	17.5	1.5	13	8.1
8	42	5.5	52	M6	17.5	0.5	13	8.5
8	47	6.6	58	M6	23.00	2.0	25.4	14.6
8	47	6.6	58	M6	23.00	1.6	23.5	13.5
8	47	6.6	58	M6	23.00	2.0	19.8	11.5
8	47	6.6	58	M6	23.00	2.0	46.6	23.9
8	47	6.6	58	M6	23.00	2.0	24.6	12.3
8	51	6.6	62	M6	28.00	2.4	31.8	16.1
8	51	6.6	62	M6	28.00	2.4	49	23.3
8	51	6.6	62	M6	28.00	2.0	29.7	15.1
8	51	6.6	62	M6	28.00	2.0	46.8	22.3
8	51	6.6	62	M6	28.00	0.8	32.2	15.8
8	51	6.6	62	M6	28.00	0.8	75.1	32.7
8	51	6.6	62	M6	28.00	1.5	31.6	14.5
10	65	9.0	80	M6	35.00	2.1	63.6	26.2
10	65	9.0	80	M6	35.00	2.0	83.8	33.1
10	65	9.0	80	M6	35.00	2.1	75.9	30.2
10	65	9.0	80	M6	35.00	2.1	35.2	15.2
10	65	9.0	80	M6	35.00	2.2	46.8	18.4
10	78	9.0	93	M8x1	44.00	1.5	95.2	44.8
10	78	9.0	93	M8x1	44.00	1.5	104.8	48
10	78	9.0	93	M8x1	44.00	1.5	150.7	65.6
10	78	9.0	93	M8x1	44.00	1.5	142.8	61.6

* To ISO 3408-5 (formerly DIN 69051-4)