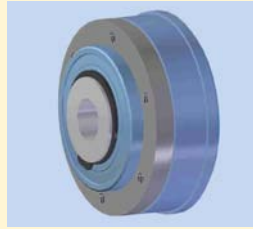
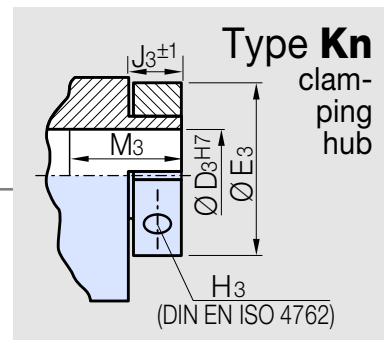
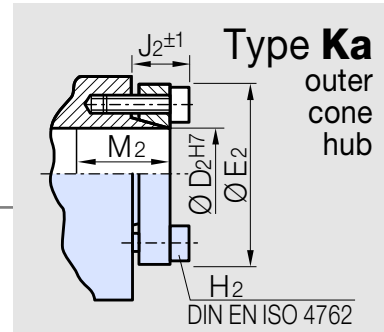
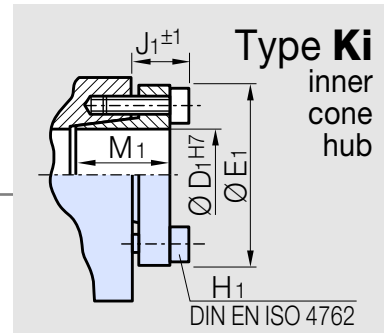
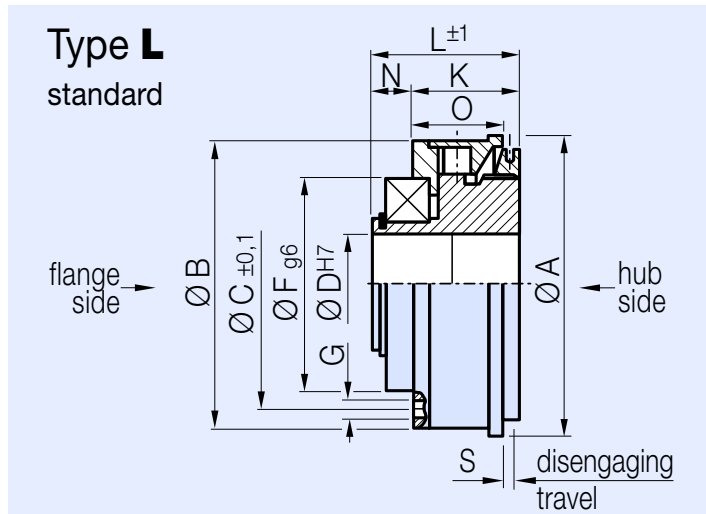


Backlash-free Safety Couplings

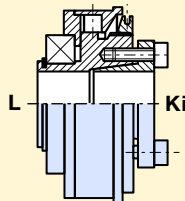


Series **DMK/L**:
Safety
Coupling
with flange

Series **DMK/L**



$$L_{ges} = L + J \text{ (1/2/3)}$$



Ordering data example

DMK/L - 150 - Ki/32^{H7} - 80Nm/b - C

flange size
inner conical hub / bore size (mm)
disengaging torque / torque adjustment range
C = single position re-engagement (360°) standard;
D = multi position re-engagement

GERWAH®

Technical Data Series DMK/L

Size		30	60	150	200	300	500	800	1200
Disengaging torque (Nm)	T _{KN} version a	5-20	12-35	25-75	50-120	30-140	140-350	260-600	400-900
Torque adjustment range	T _{KN} version b	15-35	20-70	65-150	80-200	100-300	250-500	500-1000	800-1400
Moment of inertia (10 ⁻³ Kgm ³)	J hub side	0,2	0,4	1,1	1,8	2,6	6,94	22,7	22,7
	J flange side	0,1	0,2	0,6	0,9	1,1	1,3	5,1	5,1
Weight (appr. kg)	m	0,45	0,8	1,4	1,7	2,5	3,8	11	11
Tightening torque of retaining screws (Nm)	MA H ₁	5	8,5	14	14	18	26	45	80
	MA H ₂	5	8,5	14	14	18	26	45	80
	MA H ₃	15	40	60/55	100/80	110/90	145		
Max. rotational speed (rpm)	n _{max}	9240	8185	6230	5620	5610	4585	3470	3470
Disengaging travel (mm)	S	1,2	1,2	2	2	2	2	2	2

	Größe	30	60	150	200	300	500	800	1200	
Flange L dimensions (mm)	Ø A	65	75	95	105	115	129	169	169	
	Ø B	62	70	92	102	110	125	165	165	
	Ø C	46	55	78	86	90	110	125	125	
	Ø D	min.-max	12-20	15-25	20-35	20-40	25-45	35-50	40-60	40-61
	Ø F		37	42	68	75	80	95	110	111
	G	6 x thread/depth (mm)	M5/7	M6/7	M6/9	M6/10	M8/12	M8/12	M12/15	M12/16
	K		29	30	33	36	40	42	62	62
	L		36	37	46	50	54	52	77	77
	L _{ges.}	= L1 + (J1) od. (J2) od. (J3)	48/58/51	52/60/61	63/76/72	67/76/80	75/84/84	73/88/86	113/136	113/136
	N		7	7	13	14	14	10	15	15
O		23	23	27	30	31,5	34	47,5	47,5	
Hub Ki inner cone dimensions (mm)	Ø D1 ^{H7}	12-20	15-25	20-35	20-40	25-45	35-50	40-60	40-60	
	H1	6 x DIN EN ISO 4762	M4	M6	M6	M6	M8	M8	M16	M17
	J1		12	15	17	17	21	21	36	36
	M1		20	25	30	30	35	38	60	60
	Ø E1		42	50	62	68	76	85	120	120
Hub Ka outer cone dimensions (mm)	Ø D2 ^{H7}	12-20	15-25	20-35	25-40	30-45	35-50	40-60	40-60	
	H2	6 x DIN EN ISO 4762	M4	M5	M6	M6	M8	M8	M16	M16
	J2		22	23	30	26	30	36	59	59
	M2		30	38	45	40	50	53	80	80
	Ø E2		45	55	65	79	79	90	139	139
Hub Kn clamping hub dimensions (mm)	Ø D3 ^{H7}	12-20	15-25	20-35	25-40	30-45	35-50			
	H3	1 x DIN EN ISO 4762	M6	M8	M10	M12	M12	M12		
	J3		15	24	26	30	30	34		
	M3		30	40	45	50	50	59		
	Ø E3		55	66	76	96	110	110		

Couplings for torque ranges different from above also available!

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