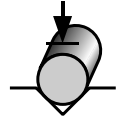
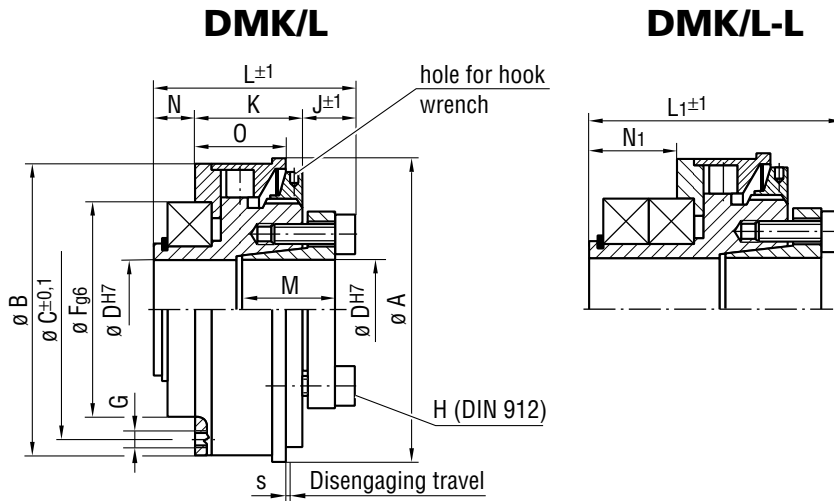


Backlash-free safety couplings



Series DMK/L and DMK/L-L with inner conical hubs



1) Continuous engagement version is possible.
Stainless steel version is possible.

Technical data – series DMK/L and DMK/L-L

TYPE		30	60	150	200	300	500	800	1200	1600
Disengaging torque (Nm) adjustable	T _{KN} Version a	5–20	12–35	25–75	50–120	30–140	140–350	260–600	400–900	500–1000
	T _{KN} Version b	15–35	20–70	65–150	80–200	100–300	250–500	500–1000	800–1400	900–1600
Moment of inertia (10 ⁻³ Kgm ²)	J Hub side	0.2	0.4	1.1	1.8	2.6	6.94	22.7	22.7	26.7
	J Flange side	0.1	0.2	0.6	0.9	1.1	1.3	5.1	5.1	5.8
Weight (appr. kg)	m	0.45	0.8	1.4	1.7	2.5	3.8	11	11	15.2
Tightening torque of retaining screws (Nm)	M _A	6	8.5	14	14	18	26	45	80	90
Max. rotational speed (rpm)	n _{max}	9240	8185	6230	5620	5210	4585	3470	3470	3015
Disengaging travel (mm)	s	1.2	1.2	2	2	2	2	2	2	2

Dimensions (mm) – series DMK/L and DMK/L-L

TYPE		30	60	150	200	300	500	800	1200	1600
Ø A		65	75	95	105	115	129	169	169	195
Ø B		62	70	92	102	110	125	165	165	190
Ø C		46	55	78	86	90	110	125	125	168
Ø D	min. – max.	12–20	15–25	20–35	20–40	30–46	35–50	40–60	40–60	60–90
Ø F		37	42	68	75	80	95	110	110	150
G	6 x thread / depth (mm)	M5/6	M6/6	M6/9	M6/10	M8/12	M8/12	M12/15	M12/15	M12/16
H	6 x DIN 912	M4	M6	M6	M6	M6	M8	M16	M16	M12
J		14	16	17	17	21	21	36	36	35
K		29	30	33	35.5	40	42	62	62	78
L		50	53	63	66	75	73	113	113	132
M		20	25	30	30	35	38	60	60	60
N		7	7	13	14	14	10	15	15	19
L ₁		58	61.5	80	84	93	93.5	136	136	159
N ₁		15	15.5	30	32	32	30.5	38	38	46
O		25	25	26	30.5	31	34	47.5	47.5	59.5