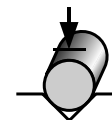
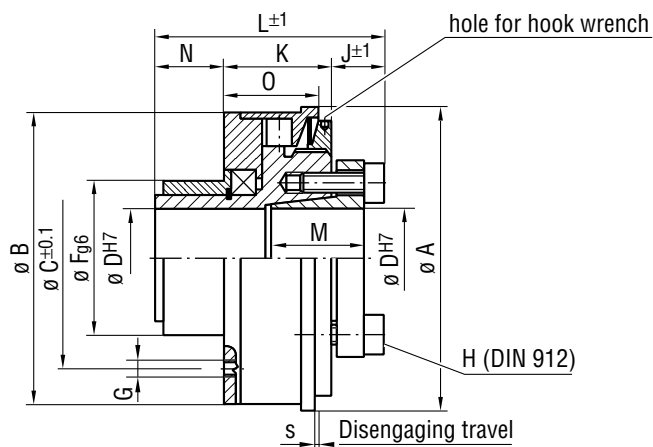


# Backlash-free safety couplings



## Series DMK/C with inner conical hubs



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

### Technical data – series DMK/C

TYPE		30	60	150	200	300	500	800	1200	1600
Disengaging torque adjustable (Nm)	$T_{KN}$ Version a	5 – 15	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 ( $10^{-3} \text{ Kg m}^2$ )	J Hub side	0.2	0.4	1.1	1.8	2.6	6.9	22.7	22.7	26.7
	J Flange side	0.1	0.2	0.6	0.9	1.3	3.5	11.3	11.3	13.3
Weight (appr. kg)	m	0.6	1	1.7	1.9	3	4.3	11.8	11.8	16
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/C

TYPE		30	60	150	200	300	500	800	1200	1600
$\varnothing A$		65	75	95	105	115	129	169	169	195
$\varnothing B$		62	70	92	102	110	125	165	165	190
$\varnothing C$		46	50	65	70	76	110	125	125	168
$\varnothing D$	min. – max.	12 – 20	15 – 25	20 – 35	20 – 40	30 – 46	35 – 50	40 – 60	40 – 60	60 – 90
$\varnothing F$		30	36	48	52	58	66	90	90	130
G	6 x thread / depth (mm)	M4/6	M6/7	M6/9	M6/10	M8/12	M8/12	M12/16	M12/16	M12/16
H	6 x DIN 912	M4	M6	M6	M6	M8	M8	M16	M16	M12
J		13	15	17	17	21	21	36	36	35
K		29	30	33	35.5	40	58	71	71	78
L		51	61	72	77	92	112	140	140	159
M		20	25	30	30	35	38	60	60	60
N		9	16	22	25	31	33	33	33	46
O		25	25	26	30.5	31	50	58.5	58.5	59.5