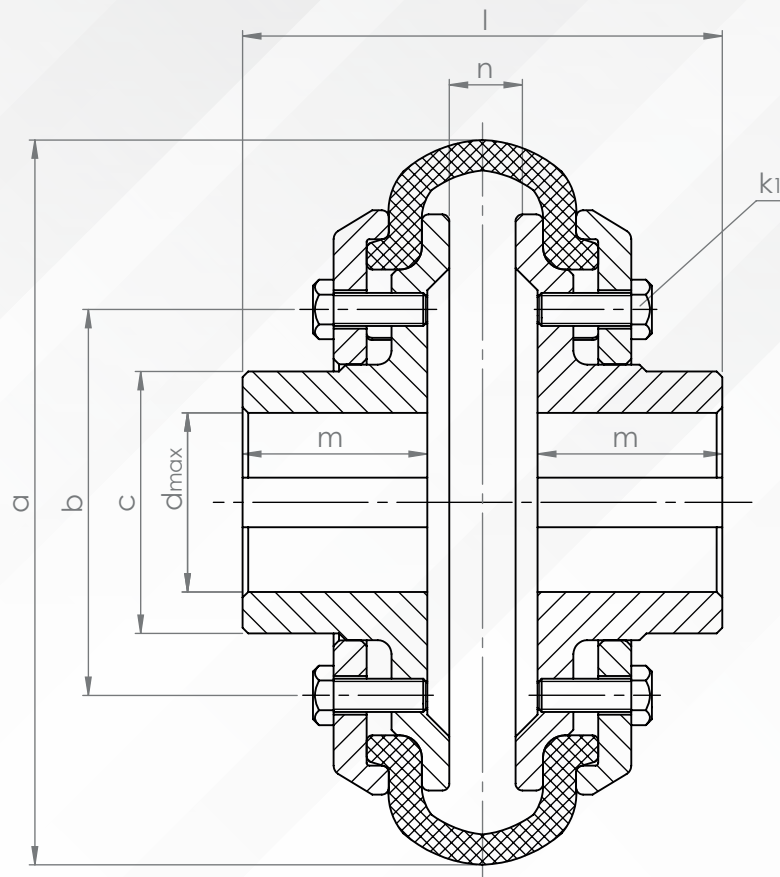


UNE'S PRODUCT RANGE / UNEFLEX



Uneflex M Series

Coupling Size	M-2	M-3	M-4	M-5	M-6	M-7	M-8	M-9	M-10	M-11	M-12	M-13
Nominal Torque [Nm]	35	75	150	300	600	800	1.200	2.000	3.400	5.500	9.000	13.500
Max. Torque [Nm]	105	225	450	900	1.800	2.400	3.600	6.000	10.200	16.500	27.000	40.500
Max. Speed [rpm]	5.000	5.000	4.000	4.000	3.000	3.000	3.000	2.500	2.300	1.800	1.500	1.000
Diameter [mm]												
a	110	140	170	210	250	280	320	360	400	450	550	700
b	55	68	82	110	140	152	178	198	220	252	280	360
c	39	48	58	80	95	110	127	150	160	180	205	275
dmax	25	28	35	50	60	75	90	100	110	120	130	180
dpreboring	10	10	15	15	25	25	30	30	35	50	50	50
Screws K1	6xM6	6xM8	6xM10	6xM12	8xM12	8xM12	8xM16	8xM16	12xM16	12xM16	12xM20	12xM24
Length [mm]												
l	115	136	160	180	202	220	242	263	302	354	430	530
m	50	60	70	80	90	100	110	120	140	165	180	220
n	15	16	20	20	22	20	22	23	22	24	70	90
Mass Moment of Inertia & Tyre No.												
Inertia J [kgm ²] (1)	0,0015	0,0044	0,0121	0,0390	0,0975	0,1722	0,3068	0,5641	0,8934	1,8196	4,3148	14,2822
Mass [kg] (1)	1,80	3,20	5,30	11,7	18,9	25,8	36,6	55,1	73,1	115	187	373
Tyre No.	16/22	23/28	29/35	36/44	45/55	56/65	66/75	76/85	86/95	96/110	111/130	131/140

(1) Value of the complete coupling with maximum finished bores

UNE'S PRODUCT RANGE / UNEFLEX

Uneflex 1 Series

Coupling Size	01-1	03-1	06-1	10-1	14-1	18-1	22-1	25-1	26-1	28-1	30-1	32-1
Nominal Torque [Nm]	10	35	75	150	300	600	1.200	2.000	3.400	5.400	9.000	13.500
Max. Torque [Nm]	30	105	225	450	900	1.800	3.600	6.000	10.200	16.200	27.000	40.500
Max. Speed [rpm]	5.000	5.000	5.000	4.000	4.000	3.000	3.000	2.500	2.300	1.800	1.500	1.000
Diameter [mm]												
a	86	104	136	178	210	263	310	370	402	450	550	700
b	43	50	65	85	110	140	180	235	260	260	280	360
c	30	34	48	64	80	95	127	150	160	160	183	270
d _{max}	20	24	32	45	55	65	90	100	110	110	130	180
d _{preboring}	8	10	10	15	15	25	35	35	40	55	65	75
Screws K1	4xM8	6xM8	8xM6	6xM10	6xM12	8xM12	8xM16	8xM16	12xM16	12xM16	12xM20	12xM24
Length [mm]												
l	50	64	88	125	150	174	200	215	244	280	360	450
m	20	28	35	47	59	67	75	85	95	110	130	160
n	8	8	8	19	20	24	20	22	24	40	90	104
Mass Moment of Inertia & Tyre No.												
Inertia J [kgm ²] (1)	0,0008	0,0012	0,0031	0,0130	0,0312	0,1098	0,2620	0,6830	0,9504	1,5121	3,7239	12,4174
Mass [kg] (1)	0,80	1,10	2,40	4,90	8,80	16,9	28,5	45,8	57,2	80,6	140	302
Tyre No.	201	203	206	210	214	218	222	225	426	828	1230	1832

Uneflex DVA Series

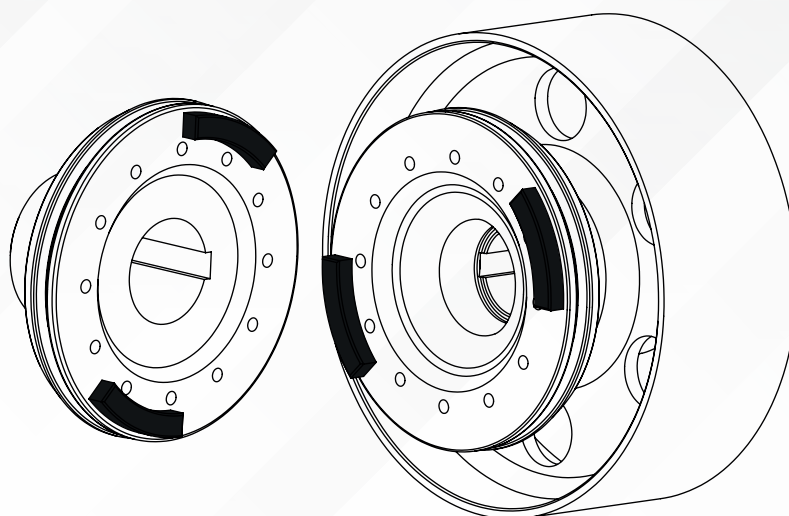
Coupling Size	1	2	6	16	40	63	125	200	300	400	800	1500
Nominal Torque [Nm]	25	50	100	200	400	800	1.600	2.500	4.000	6.000	10.000	15.000
Max. Torque [Nm]	75	150	300	600	1.200	2.400	4.800	7.500	12.000	18.000	30.000	45.000
Max. Speed [rpm]	5.000	5.000	5.000	4.000	4.000	3.000	3.000	2.500	2.300	1.800	1.500	1.000
Diameter [mm]												
a	86	104	136	178	210	263	310	370	402	450	550	700
b	43	54	68	88	116	140	180	235	260	260	280	360
c	31	40	55	70	92	107	140	150	160	180	210	260
d _{max}	22	28	38	48	65	75	100	100	110	120	150	180
d _{preboring}	8	10	10	15	15	25	35	35	40	55	65	75
Screws K1	4xM5	6xM6	8xM6	8xM8	12xM8	8xM12	8xM16	8xM16	12xM16	12xM16	12xM20	12xM24
Length [mm]												
l	60	70	110	130	160	190	240	345	364	440	520	640
m	26	30	45	50	65	75	100	150	155	190	210	255
n	8	8	8	19	20	24	20	22	24	40	90	104
Mass Moment of Inertia & Tyre No.												
Inertia J [kgm ²] (1)	0,0008	0,0019	0,0043	0,0124	0,0347	0,1180	0,2630	0,7697	1,1402	1,7628	4,1132	13,4854
Mass [kg] (1)	0,85	1,15	2,50	5,40	9,50	17,5	30,0	64,2	75,8	106	172	375
Tyre No.	201	203	206	210	214	218	222	225	426	828	1230	1832

(1) Value of the complete coupling with maximum finished bores

UNE'S PRODUCT RANGE / UNEFLEX

Safety Mortises

All Uneflex couplings are available with safety mortises. In case of a tyre rupture, the safety mortises act as a torsionally rigid transmission element, permitting a temporary emergency operation with limited torque free of backlash. For the installation of Uneflex couplings with safety mortises, an angle of 45° must exist between the mortises of the coupling hubs.



Tightening Torque of the Screws

M and T Series

Coupling Size	M-2	M-3	M-4	M-5	M-6	M-7	M-8	M-9	M-10	M-11	M-12	M-13
$K_1 T_A$ [Nm]	4	6	15	20	25	30	45	55	60	110	200	240

-1, DVA, DVS, SD, P and D Series

Coupling Size	01-1 DVA-1	03-1 DVA-2	06-1 DVA-6	10-1 DVA-16	14-1 DVA-40	18-1 DVA-63	22-1 DVA-125	25-1 DVA-200	26-1 DVA-300	28-1 DVA-400	30-1 DVA-800	32-1 DVA-1500
$K_1 T_A$ [Nm]	1,5	4	6	15	20	25	45	55	60	110	200	240

SD Series

K_3 Thread Dimension	M6	M8	M10	M12	M16	M20
$K_3 T_A$ [Nm]	10	25	49	86	210	410

D Series

Disc Ø	315	355	400	450	500	550	630	710	800
$K_4 T_A$ [Nm]	49	86	135	210	290	290	410	550	710



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