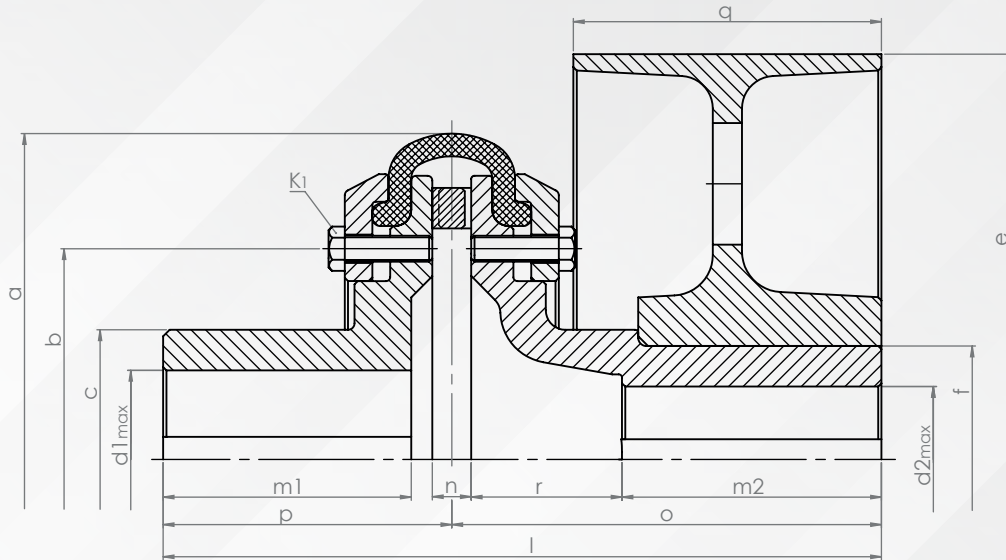


UNE'S PRODUCT RANGE / UNEFLEX



Uneflex P Series | Coupling with brake drum

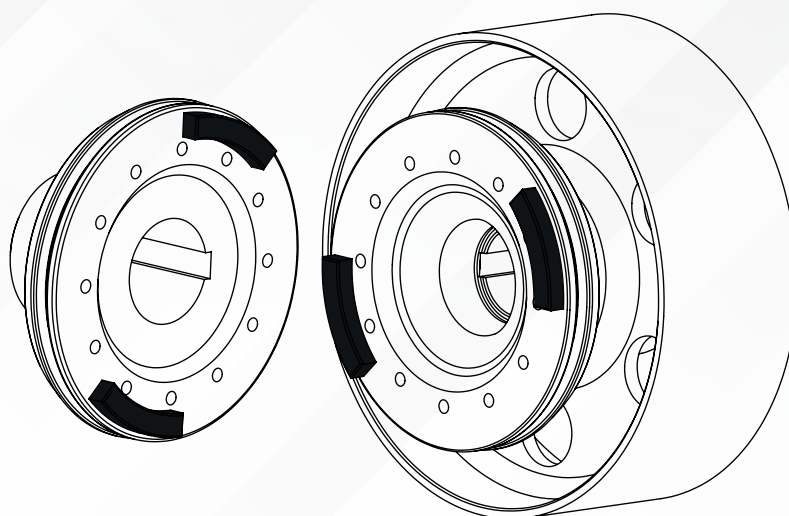
Coupling Size	14P-200	18P-200	18P-250	22P-315	25P-315	25P-400	26P-400	26P-500	28P-630	30P-630	30P-710
Nominal Torque [Nm]	220	450	450	900	1.600	1.600	3.000	3.000	5.000	8.500	8.500
Max. Speed [rpm]	3.000	2.500	2.500	2.500	2.000	2.000	2.000	2.000	1.600	1.250	1.250
Diameter [mm]											
a	210	263	263	310	370	370	402	402	450	550	550
b	110	140	140	180	235	235	260	260	260	280	280
c	80	95	95	125	150	150	160	160	180	210	210
d1max	55	65	65	85	100	100	110	110	110	130	130
d2max	50	50	60	80	90	90	90	90	100	120	120
d1/d2Preboring	20	20	25	30	35	35	35	35	55	70	70
e	200	200	250	315	315	400	400	500	630	630	710
f	85	85	100	125	140	140	140	140	150	170	170
Screws K1	6xM12	8xM12	8xM12	8xM16	8xM16	8xM16	12xM16	12xM16	12xM16	12xM20	12xM20
Length [mm]											
l	213	235	255	298	338	370	398	443	521	556	595
m1	60	102	84,5	84,5	84,5	107,5	123	133	143	153,5	163,5
m2	90	80	100	120	120	120	130	160	210	210	235
n	20	24	24	20	22	22	24	24	40	90	90
o	128	137	157	198	205,5	237,5	235	265	336	376	405
p	85	98	98	100	132,5	132,5	163	178	185	180	190
q	75	75	95	118	118	150	185	190	236	236	265
r	28	45	45	68	74,5	96,5	93	93	106	121	125
Mass Moment of Inertia & Tyre No.											
Inertia J [kgm ²] (1)	0,075	0,142	0,240	0,586	0,932	1,550	1,854	3,122	8,584	9,016	15,254
Mass [kg] (1)	19,0	28,0	36,0	63,0	83,0	108	118	150	225	260	340
Tyre No.	214	218	218	222	225	225	426	426	828	1230	1230

(1) The value of the complete coupling

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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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