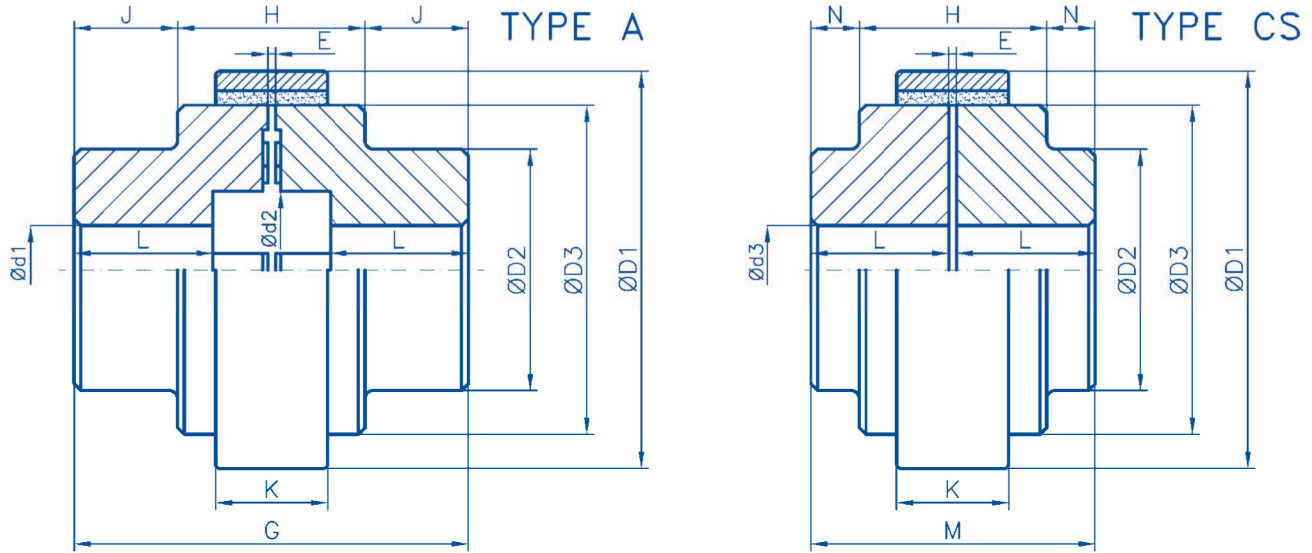


SAMIFLEX COUPLING TYPES A & CS



Samiflex coupling Type A

Size	Samiflex insert STD Yellow Torque (Nm)		r.p.m.*	Ø d1 (mm)		DIMENSIONS IN mm.									
	Nominal	Maximum		Pre Ø	Ø Max	G	L	Ød2	D1	D2	D3	K	J	H	E
A00	6.5	20	16.000	4	16	51	19	22	44	35	35	12	-	-	1,5
A0	22	55	11.000	8	24	73	28	32	65	52	52	16	-	-	1,5
A1	55	138	8.800	14	38	91	34	39	83	65	65	22	-	-	1,5
A2	110	275	6.500	17	44	127	47	45	111	80	86	32	36	55	2,5
A3	220	550	4.900	19	50	156	56	52	144	85	116	42	45	65	2,5
A3B	220	550	4.900	19	58	156	56	52	144	105	116	42	45	65	2,5
A4	460	1.150	3.800	24	65	180	63	70	182	110	150	51	47	85	3,5
A4B	460	1.150	3.800	24	70	180	63	70	182	135	150	51	47	85	3,5
A45	805	2.013	3.300	25	75	198	70	90	202	125	170	56	52	93	3,5
A5	1.150	2.875	3.000	29	85	216	77	89	225	140	190	59	57	101	3,5
A55	1.725	3.450	2.650	30	95	246	90	115	250	155	215	64	68	109	3,5
A6	2.300	4.600	2.450	39	110	260	95	112	265	180	233	67	70	119	3,5
A7	4.600	9.200	2.100	48	130	310	116	135	306	205	267	75	88	134	4
A8	8.625	17.250	1.750	63	150	382	147	157	363	242	326	85	114	154	5
A9	13.750	27.500	1.450	73	180	420	162	188	425	280	385	92	129	162	5
A10	27.500	44.000	1.175	96	210	482	188	218	523	330	483	102	145	192	6
A11	36.750	58.800	1.650	96	210	512	190	216	503	350	458	128	148	216	6
A12	100.000	160.000	1.175	100	300	709	250	380	710	500	650	210	175	359	5

Samiflex coupling Type CS

Size	Samiflex insert STD Yellow Torque (Nm)		r.p.m.*	Ø d3 (mm)		DIMENSIONS IN mm.									
	Nominal	Maximum		Pre Ø	Ø Max	M	L	D1	D2	D3	K	N	H	E	
A1CS	55	138	8.800	14	28	73	34	83	65	65	22	-	-	1,5	
A2CS	110	275	6.500	17	35	97	47	111	80	86	32	20,4	55	2,5	
A3CS	220	550	4.900	19	42	115,5	56	144	85	116	42	24,7	65	2,5	
A4CS	460	1.150	3.800	24	55	129,5	63	182	110	150	51	22	85	3,5	
A45CS	805	2.013	3.300	25	65	143,5	70	202	125	170	56	25	93	3,5	
A5CS	1.150	2.875	3.000	29	75	157,5	77	225	140	190	59	28,2	101	3,5	
A55CS	1.725	3.450	2.650	30	85	184	90	250	155	215	64	37,2	109	3,5	
A6CS	2.300	4.600	2.450	39	90	194	95	265	180	233	67	37,2	119	3,5	
A7CS	4.600	9.200	2.100	48	110	236	116	306	205	267	75	51	134	4	
A8CS	8.625	17.250	1.750	63	120	299	147	363	242	326	85	72,5	154	5	

- *Max. Rpm for Couplings with cast iron hubs (GG 25), with the exception of Samiflex couplings A11 and A12 which are supplied with ductile iron hubs (GGG 40) as standard. Peripheral speeds of over v=30m/s requires compulsory ductile iron (GGG40) or steel (C1045) hubs and dynamic balancing (VDI 2060 G 6.3). Please consult technical department.
- For gearbox output applications, we recommend Samiflex insert hardness of 97 Shore A (type HD Ochre and HDT Red), which allows torque rating to be increased by 30%. Available from A4 up to A11 size. Please consult technical department.
- For running temperature over 80°C, we recommend Samiflex inserts HT Orange or HDT Red (up to 140°C), compulsory supplied together with steel ring on sizes from A0 up to A4. Please consult technical department.
- Standard coupling is supplied with cast iron hubs (GG25), standard yellow insert (95 Shore A) and polyamide ring on sizes A0 up to A4 and steel ring for the rest.