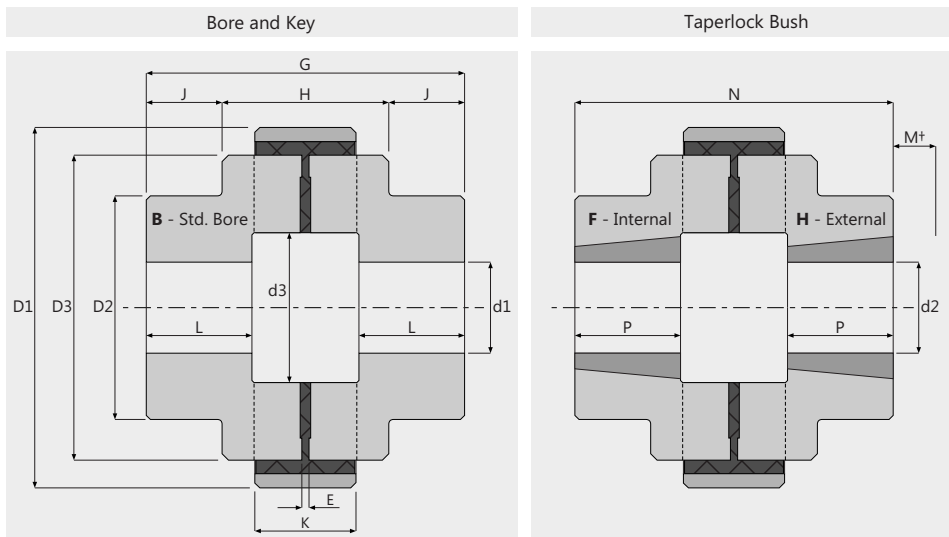


SPS - POLY FLEX COUPLING

We offer POLY FLEX & POLY FLEX spacer couplings



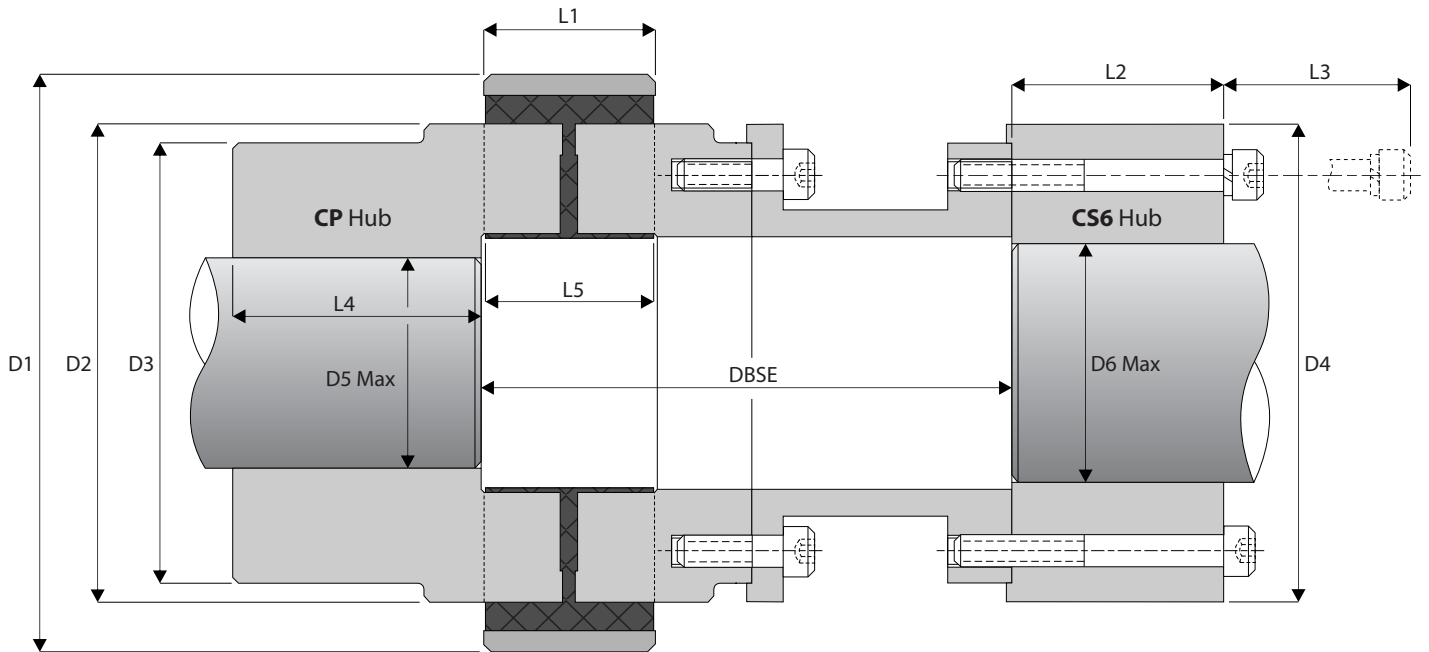
Coupling Type		CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9	CP10
STD & HT Insert	Maximum KW per 1000 rpm	11	29	58	120	301	482	963	1806	2880	6157
	Max. Cont. Torque Nm	107	275	550	1139	2875	4600	9168	17225	27500	58800
HD & HDT Insert	Maximum KW per 1000 rpm	15	39	78	162	398	649	1170	2205	3743	8000
	Max. Cont. Torque Nm	142	371	741	1545	3772	6200	11104	20926	35750	76400
Technical Data	Max. Speed - Unbal.	8800	6500	4900	3800	3000	2450	2100	1750	1450	1250
	Max. Speed - Bal. (Steel)	11750	8850	6500	5000	4000	3250	2850	2345	1985	1650
	Moment of Inertia (Kg-m ²)	0.0012	0.005	0.02	0.075	0.21	0.437	0.825	2.326	4.95	16
	Weight (Kg)	1.8	3.8	8.5	16	31	47	75	137	218	410
Displacement Values	Axial Tolerance	0.5	0.5	0.7	0.8	1	1	1	1.5	1.5	2.0
	Radial / Parallel	0.3	0.5	0.5	0.7	0.7	0.8	1	1	1.0	1.5
	Angular Tolerance	2	2	2	1.3	1.3	1.3	1	1	1.0	1.0

Coupling Type		CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9	CP10
Common Dimensions	D1	83	111	144	182	225	265	306	363	425	503
	D2	65	80	105	140	160	180	205	242	280	350
	D3	65	86	116	150	190	233	267	326	385	458
	d3	39	45	52	70	89	112	135	157	188	216
	Standard "DBSE"	23	33	44	54	62	70	78	88	95	132
	Dist. Between Hubs "E"	1.5	2.5	2.5	3.5	3.5	3.5	4	5	5	6
	H	-	55	65	85	101	119	134	154	162	216
	J	-	36	45	47	57	70	88	114	129	148
Standard Bore & Key	K	22	32	42	51	59	67	75	85	92	128
	Max. Bore d1	41	50	69	95	110	114	130	150	180	210
	Pilot Bore	14	17	19	24	29	39	48	63	73	96
	G	91	127	156	180	216	260	310	382	420	512
Taper	L	34	47	56	63	77	95	116	147	162	190
	Min Bore d2	9	11	14	14	25	35	40	-	-	-
	Max Bore d2	28	32	42	50	75	90	100	-	-	-
	P	27	32	32	38	56	95	120	-	-	-
	N	77	97	107	130	173	259	318	-	-	-
	M	29	38	38	42	55	67	70	-	-	-
Taper Bush		1108	1210	1610	2012	3020	3535	4040	-	-	-

† M is the wrench clearance to allow for tightening and loosening the bush on the shaft. The use of shortened wrench will allow this dimension to be reduced

SPS - POLY FLEX SPACER TYPE COUPLING

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Code	CPS1	CPS2	CPS3	CPS4	CPS5	CPS6
DBSE	100/120/140	100/120/140	100/120/140	120/140/180	140/180/200	180/200/250
D1	83	111	144	182	225	265
D2	65	86	116	150	190	233
D3	65	80	105	140	160	180
D4	73	86	105	130	152	179
D5 Max	41	50	69	95	110	114
D6 Max	38	51	70	90	102	121
L1	22	32	42	51	59	67
L2	40	40	45	55	62	70
L3	60	60	80	88	100	100
L4	34	47	56	63	77	95
L5	22.2	31.5	45.5	51.5	60	68
CS6 Hub	CPS1 Disk	CS6-086 Disk	CS6-105 Disk	CS6-130 Disk	CS6-152 Disk	CS6-179 Disk