



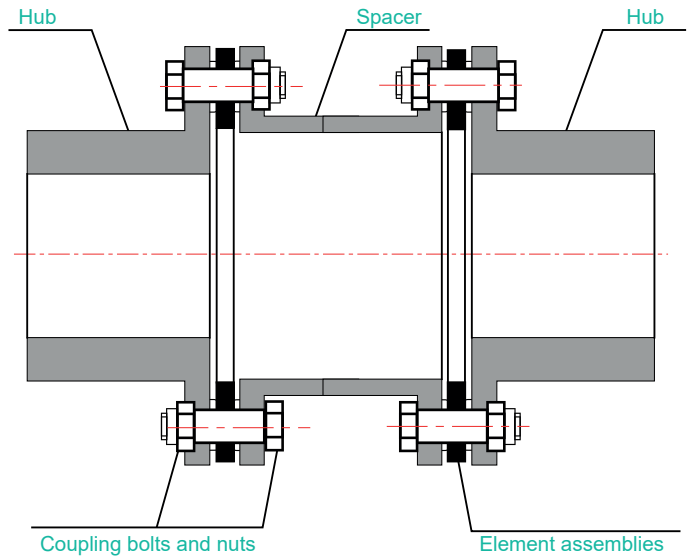
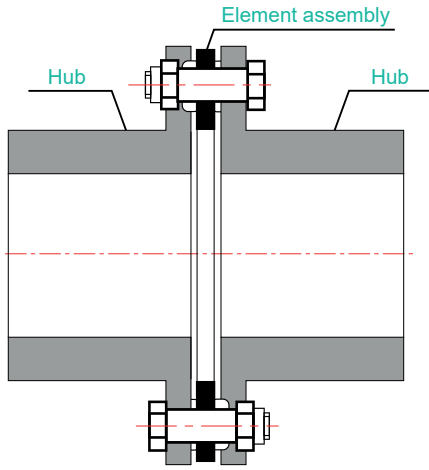
## Trumy Disc Couplings TD series

### TD BENEFITS

- Single or double disc pack
  - Single: limited radial misalignment
  - Single: max. axial displacement is only half of the table data
- Simple design and structure
- Easy mounting/dismounting
- Straight and taper bores, with or without key
- Suitable for low and middle speed applications
- Widely applicable for pumps, compressors and fan sets

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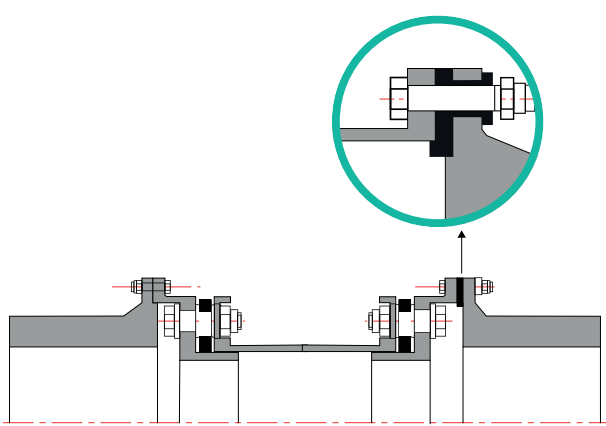


## TD SERIES COUPLING TECHNICAL DATA

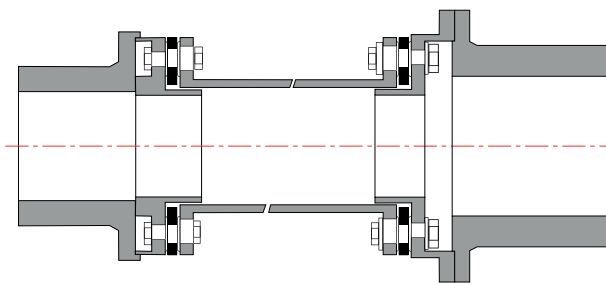
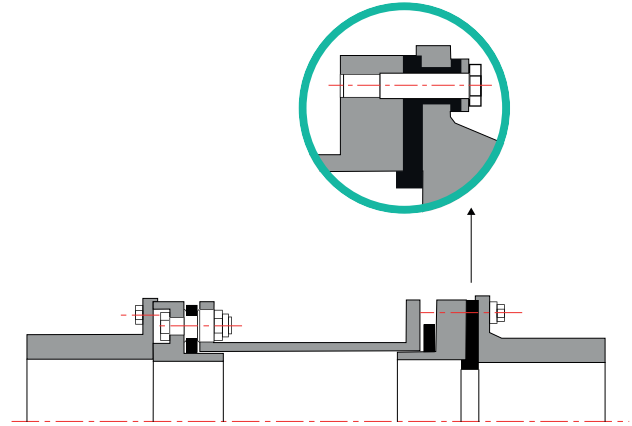
Coupling type	Torque rating (kNm)			Max. speed (rpm)		Tightening torque (Nm)	Total weight (Kg)	Centre of gravity (mm)	Torsional stiffness (MNm/Rad)	Moment of inertia (Kg <sup>m</sup> ²)	Angular misalignment		Axial displacement	
	Continuous	Peak	Momentary	Unbalanced	Balanced						Max. degree	Restoring moment (Nm/deg)	Max. ±mm	Axial force (N)
TD6-4	0.04	0.1	0.13	3600	29000	3	0.5	21	0.007	0.0002	2/3	155	1	60
TD6-11	0.1	0.2	0.3	3600	24600	8	0.9	28	0.011	0.0004		160	1.2	140
TD6-21	0.2	0.5	0.7	3600	20000	8	1.4	31	0.024	0.001		175	1.4	250
TD6-42	0.4	1	1.3	3600	16800	8	2.7	40	0.044	0.003		180	1.6	340
TD6-66	0.63	2	2.7	3600	14500	15	4.4	48	0.144	0.0066		201	2	510
TD6-150	1.4	2.5	3.3	3600	11800	15	7.0	59	0.147	0.015		115	2.3	830
TD6-210	2.0	5.4	7.2	3600	10300	25	10.3	66	0.213	0.029		158	2.6	1070
TD6-370	3.55	8.6	11.5	3600	8880	45	16.5	75	0.463	0.062		227	2.9	1630
TD6-470	4.5	9.8	13	3600	7800	45	23	86	0.466	0.12		203	3.5	1860
TD6-523	5.0	11.6	15.4	3600	6800	45	34	94	0.655	0.22		148	3.5	1430
TD6-840	8.0	19.5	26	3600	6700	100	35	102	0.870	0.23		198	3.6	2510
TD6-1300	12.5	27.1	36.1	3600	6200	150	48	114	1.476	0.37		526	3.6	3220
TD6-2100	20.0	36.1	48.1	1800	5580	180	59	123	1.496	0.57		435	3.8	4550
TD6-2700	25.0	38.8	51.6	1800	5180	180	76	138	1.523	0.82		382	3.8	4860
TD6-3300	31.5	61.7	85	1800	4680	350	107	144	2.588	1.45		533	4.8	6150
TD6-4200	40.0	85.7	114	1800	4180	500	147	167	4.114	2.48	708	6	8070	
TD8-840	8	14.7	19.5	3600	7800	45	26	98	1.077	0.14	1/2	651	2	2240
TD8-1700	16	35.9	47.8	3600	6600	150	39	104	2.484	0.27		1533	2.2	4030
TD8-2700	25	47.4	63	1800	6100	180	50	119	2.868	0.40		1495	2.4	5930
TD8-3300	31.5	55.4	73.7	1800	5250	180	76	125	3.746	0.80		1130	3	6380
TD8-4200	40	92.5	123	1800	4500	350	117	142	5.192	1.76		1999	3.8	7240
TD8-6600	63	124	165	1800	4250	500	147	153	8.73	2.52		3338	4.2	11350
TD8-8400	80	171	228	1800	3880	700	194	184	13.65	3.81		8431	4.8	15380
TD8-9011	100	191	254	1800	3580	700	228	180	15.18	5.42		6401	5.2	16090
TD8-9015	140	300	400	1200	3200	1200	316	186	19.84	9.54		6357	5.5	19330
TD8-9021	200	337	448	-	3000	1200	427	213	23.12	15.85		7386	6	23110
TD8-9026	250	503	669	-	3000	1900	636	248	32.57	29.54		8478	7	27310
TD10-5300	50	119	159	1800	4500	350	120	144	9.68	1.80	1/4	9547	2.8	8750
TD10-8400	80	159	212	1800	4250	500	149	154	13.56	2.58		13740	3	13630
TD10-9011	100	220	293	1200	3880	700	201	186	18.15	3.88		30120	3.3	17810
TD10-9013	125	246	327	1200	3580	700	233	181	23.97	5.56		26750	3.7	18970
TD10-9019	180	387	515	1200	3200	1200	325	189	34.12	9.85		29000	4.2	25290
TD10-9023	224	433	576	-	3000	1200	434	216	43.31	16.31		33400	5	28300
TD10-9033	315	647	861	-	3000	1900	654	252	59.63	30.58		37650	5.8	37500



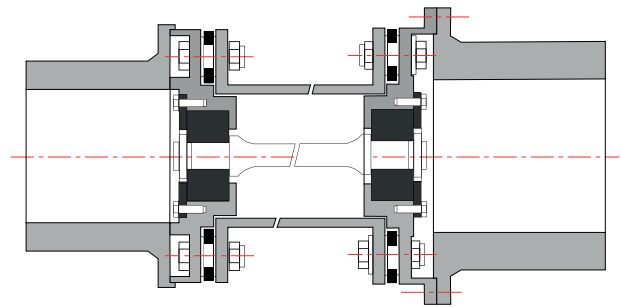
## CUSTOMIZED DESIGN TO MEET SPECIFIC REQUIREMENTS



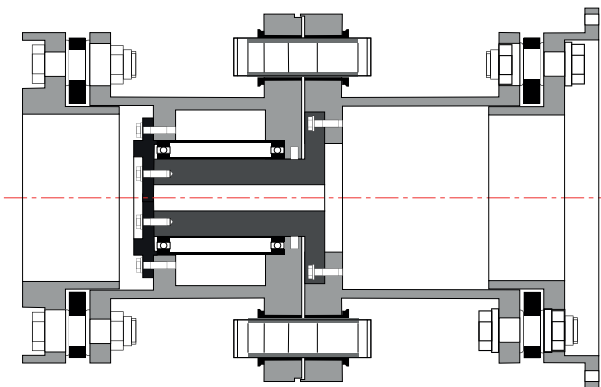
Electrically insulated



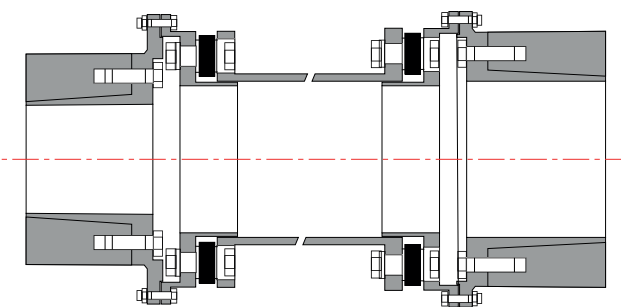
Limited end float by overload collars 2-3 mm



Limited end float by bone shaft 0 mm



Design of overload protection



Hub design with shrink connection for easy fit

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