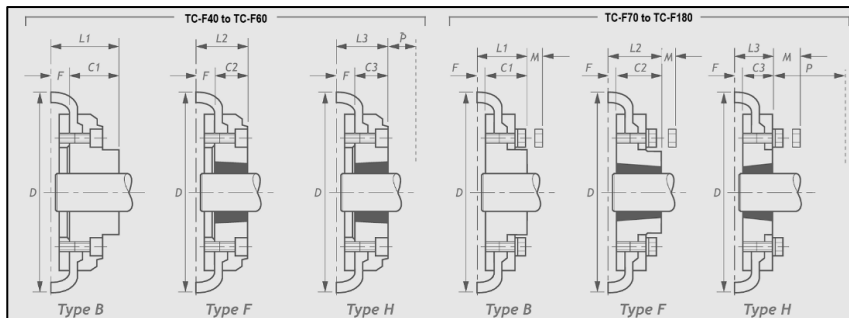




FEATURES & BENEFITS

- Tyre couplings, also known as flexible or rubber couplings, are mechanical components that connect two shafts while accommodating misalignment and absorbing shock loads. They are known for their ability to reduce vibration, dampen shock, and compensate for misalignment between shafts. These features contribute to increased equipment lifespan and reduced maintenance needs.

COUPLING SIZE	POWER /100 rpm kW	TORQUE Nm	SPEED Max rpm	TYPE B		TYPE F			TYPE H			MISALIGNMENT		End Float	TORSIONAL STIFFNESS
				Bore		Bush Size	Bore		Bush Size	Bore		Offset	Angular		
				Max	Min		Max	Min		Max	Min			mm	deg
TC-F40 XX	0.26	25	4500	30	12	TL1008	25	9	TL1008	25	8	1.1	4	±1.3	6
TC-F50 XX	0.69	66	4500	38	15	TL1210	32	11	TL1210	32	11	1.3	4	±1.7	12.5
TC-F60 XX	1.33	127	4000	45	18	TL1610	42	14	TL1610	42	14	1.6	4	±2.0	32
TC-F70 XX	2.62	250	3600	50	22	TL2012	50	14	TL1610	42	14	1.9	4	±2.3	60
TC-F80 XX	3.93	375	3100	60	25	TL2517	60	16	TL2012	50	14	2.1	4	±2.6	63
TC-F90 XX	5.24	500	3000	70	28	TL2517	60	16	TL2517	60	16	2.4	4	±3.0	91
TC-F100 XX	7.07	675	2600	80	32	TL3020	75	25	TL2517	60	16	2.6	4	±3.3	126
TC-F110 XX	9.20	875	2300	95	30	TL3020	75	25	TL3020	75	25	2.9	4	±3.7	178
TC-F120 XX	13.9	1300	2050	110	38	TL3525	100	35	TL3020	75	25	3.2	4	±4.0	296
TC-F140 XX	24.3	2320	1800	130	75	TL3525	100	35	TL3525	100	35	3.7	4	±4.6	470
TC-F160 XX	39.4	3770	1600	140	85	TL4030	100	40	TL4030	100	40	4.2	4	±5.3	776
TC-F180 XX	65.8	6270	1500	150	85	TL4535	125	55	TL4535	125	55	4.8	4	±6.0	1370

COUPLING SIZE	DIMENSIONS										TYPE B	TYPE F	TYPE H
	C1	C2	C3	D	F	L1	L2	L3	M	P	Weight	Weight	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
TC-F40 XX	22	22	22	104	11	33.5	33.5	33.5	N/A	29	1.05	1.05	1.05
TC-F50 XX	32	25	25	133	12.5	45	38	38	N/A	38	1.50	1.50	1.50
TC-F60 XX	38	25	25	165	16.5	55	42	42	N/A	38	2.35	2.35	2.35
TC-F70 XX	35	32	25	187	11.5	47	44	42	13	38	3.45	3.45	3.45
TC-F80 XX	42	45	32	211	12.5	55	58	45	16	42	5.00	5.00	5.00
TC-F90 XX	49	45	45	235	13.5	63	59	59	16	48	7.25	7.25	7.25
TC-F100 XX	56	51	45	254	13.5	70	65	59	16	48	10.00	10.00	10.00
TC-F110 XX	63	51	51	279	12.5	76	63.5	63.5	16	55	12.50	11.70	11.70
TC-F120 XX	70	65	51	314	14.5	84.5	78.5	63.5	16	67	16.90	16.50	15.90
TC-F140 XX	94	65	65	359	16	110.5	81	81	17	67	22.20	22.30	22.30
TC-F160 XX	102	77	77	402	15	117	92	92	19	80	35.80	33.50	32.50
TC-F180 XX	114	89	89	470	23	137	112	112	19	89	49.10	42.20	42.20

ALL PRODUCT, PRODUCT SPECIFICATIONS, IMAGE AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.
WHEN INSTALLING OR MAINTAINING TYRE COUPLINGS, PRECAUTIONS MUST BE TAKEN TO ENSURE PROPER FUNCTION AND PREVENT DAMAGE OR FAILURE.
KEY CONSIDERATIONS INCLUDE PROPER STORAGE OF THE TYRE ELEMENT, CORRECT ALIGNMENT AND TORQUE APPLICATION DURING INSTALLATION, AND REGULAR INSPECTION AND MAINTENANCE