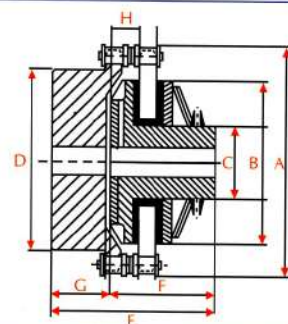


## TORQUE LIMITER & TORQUE LIMITER COUPLINGS



### CAPACITIES & DIMENSION OF TORQUE LIMITER & COUPLINGS

Torque Limiter Coupling Size	Misalignment for Coupling		Torque Capacity (Kg. m.)		Min. Pilot Bore		Max. Bore		Dimensions							
	Parallel Max Min	Angular Max	Min	Max	Torque Limiter (mm)	Cplg. Spkt. (mm)	Torque Limiter (mm)	Cplg. Spkt. (mm)	A	B	C	D	E	F	G	H
TL 50-M 1	0.20	1/2°	0.3	1.5	8	10	14	28	76	50	24	50	57	30	27	7.5
TL 50-M 2	0.20	1/2°	0.6	2.5	8	10	14	28	76	50	24	50	57	30	27	7.5
TL 65-M 1	0.25	1/2°	0.7	2.8	10	10	22	48	101	65	35	74	83	51	32	16
TL 65-M 2	0.25	1/2°	1.4	5.6	10	10	22	48	101	65	35	74	83	51	32	16
TL 90-M 1	0.30	1/2°	2.0	7.0	12	19	28	56	136	90	45	100	109	66	43	19
TL 90-M 2	0.30	1/2°	3.5	14.0	12	19	28	56	136	90	45	100	109	66	43	19
TL 125-M 1	0.38	1/2°	5.0	18.0	19	22	38	70	185	125	60	145	122	77	45	23
TL 125-M 2	0.38	1/2°	6.5	36.0	19	22	38	70	185	125	60	145	122	77	45	23
TL 150-M 1	0.38	1/2°	7.5	44.0	25	25	42	90	214	150	70	168	142	88	54	25
TL 150-M 2	0.38	1/2°	9.0	61.0	25	25	42	90	214	150	70	168	142	88	54	25
TL 180-M 1	0.50	1/2°	11.0	58.0	25	25	64	100	247	180	100	195	171	106	65	29
TL 180-M 2	0.50	1/2°	22.0	110.0	25	25	64	100	247	180	100	195	171	106	65	29
TL 225-M 1	0.70	1/2°	20.0	140.0	30	40	92	160	310	225	140	244	204	121	83	33
TL 225-M 2	0.70	1/2°	40.0	175.0	30	40	92	160	310	225	140	244	204	121	83	33



**TORQUE LIMITER :** S.S. Torque Limiter is a protective device that limits torque transmitted in a drive systems by slipping when torque demand exceed a preset value as a result of shock loads, over loads or machine jams. It automatically reengages when the overload torque has passed, no resetting is required. The S.S. Torque Limiter prevents machines damage and eliminates costly downtime. The S.S. Torque Limiter utilizes spring loaded friction surfaces for its operations, slip torque is presets by adjustment of the spring force. The S.S. Torque Limiter can be used with a sprocket, gear, sheave or flange plate as centre member that is clamped between two friction liners.



**PLATE SPROCKET :** S.S. offers - as stock item-platewheels specifically for torque limiter application. Select your planetwheel from our standard sprocket catalogue. For more precise torque setting and more applications where slippages may be frequent, it is recommended that a S.S plate sprocket be used. Rated torque capacity can only be obtained with dry friction liners and with a S. S. plate sprocket. For optimum Torque Limiter performance plate sprocket must be flat, paralalled, square with bore and free from rust, scale and oil. If plate sprocket is not in accordance with these specefications. Torque Limiter capacity will be erratic and generally lower.



**TORQUE LIMITER COUPLINGS :** S.S. offers a Torque Limiter Couplings in 14 sizes. This device consists of a stock Torque Limiter and a roller chain type coupling.

The Torque Limiter Coupling combines overload slip-protection with the ability to couple driving and driven shafts. It is an assembly consisting of a standard Torque Limiter and a Roller Chain Coupling. A stock ground plate sprockets serve as the centre member of the Torque Limiter, and it is coupled to a sprocket by an I.S. double stand roller chain which in easily connected by a standard connecting link. This construction provides a dependable and easy-to-assemble flexible coupling having shaft misalignment compensation.