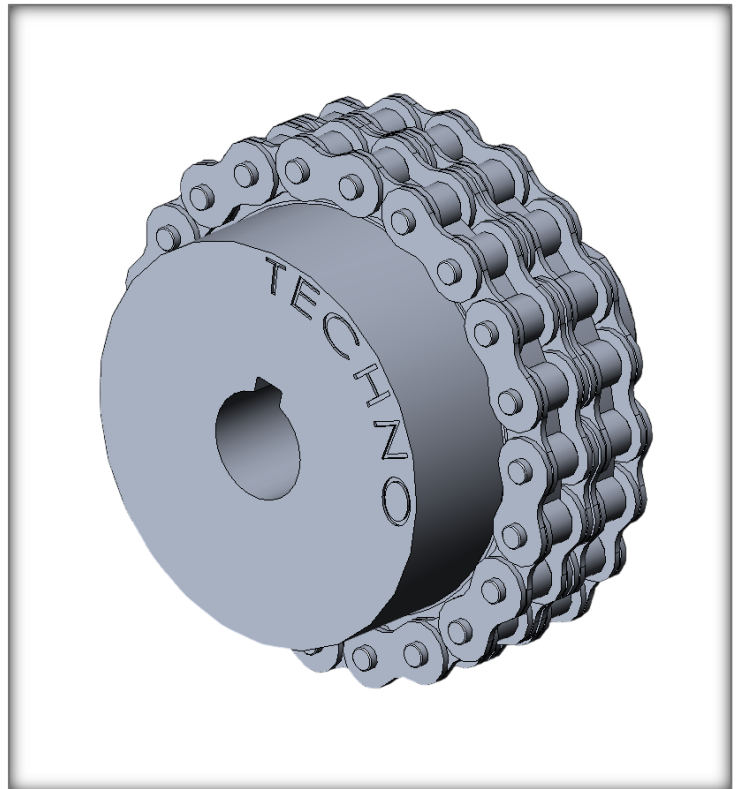
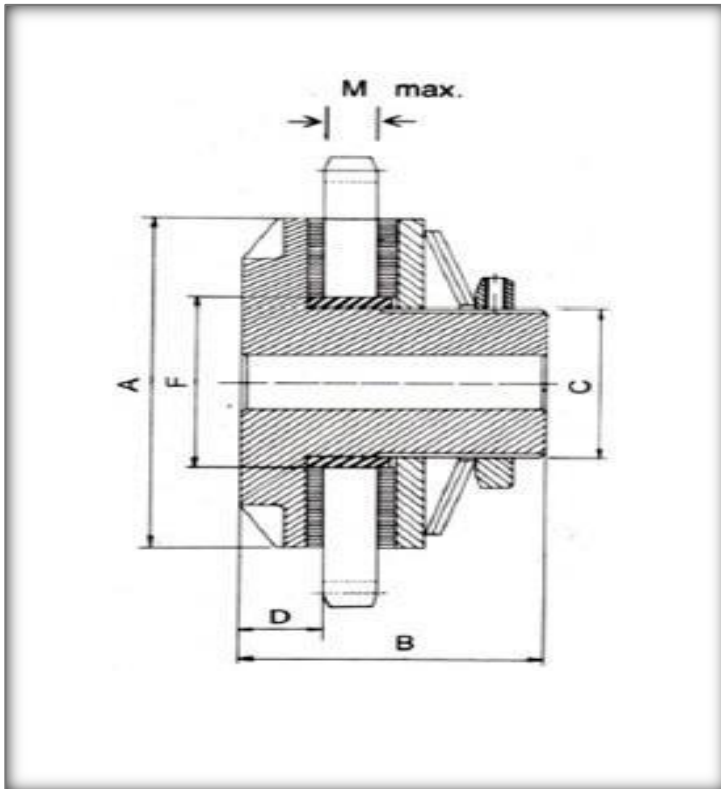


TORQUE LIMITER



The Torque limiter acts as an overload protection in machine drives using sprockets or pulleys.

These devices are extremely simple to use and offer complete operating security for application involving occasional at low speed.

The torque limiter protects mechanical parts and machines which may be subjected to overloading of various kinds, by slipping when the torque demands exceeds a preset value. It maintains re-engagement at pre-set torque when the overload torque has passed; no resetting is required. Slip torque is presettled by adjustment of the spring force on the pressure plate and friction surfaces.

TORQUE ADJUSTMENT

- Type 30/85: the nut providing axial load to the disk spring can be adjusted with an adjustable wrench. After the slip torque preset, the nut is locked in position by means of the appropriate locking washer.
- Type 95 and over: slip torque is resettled by adjustment of 4 or screws on the nut, providing axial load to the disk spring. This system make the adjustment easy.
- The accuracy of the torque limiter setting can be basically improved with a run-in of the friction faces for 200 revolutions at 25% maximum torque rating for the single spring unit, at speed not exceeding 100 r.p.m.

Torque limiter size	Torque capacity Kg.m		Pilot Min bore	Max bore	Approx weight in Kg	A	B	C	D	M Max	"F" Sprocket dia over busing
	Min	Max									
50-TL1	0.3	1.5	8	14	0.3	50	29	24	4	7.2	30.1
50-TL2	0.6	2.5	8	14	0.3	50	29	24	7	7.2	30.1
65-TL1	0.7	2.8	10	22	0.5	65	50	35	15	8.8	41.4
65-TL2	1.4	5.5	10	22	0.5	65	50	35	15	8.8	41.4
90-TL1	2	7	12	28	1.5	90	65	45	18	16	52
90-TL2	3.5	14	12	28	1.5	90	65	45	18	16	52
125-TL1	5	18	16	38	3.5	125	78	60	23	16	70
125-TL2	6.5	36	16	38	3.5	125	78	60	23	16	70
150-TL1	7.5	44	20	42	5.5	150	90	70	26	23	80
150-TL2	9	61	20	42	5.5	150	90	70	26	23	80
180-TL1	11	58	25	64	10	180	110	100	28	28.5	110
180-TL2	20	110	25	64	10	180	110	100	28	28.5	110
225-TL1	22	140	25	92	20	230	120	140	33	28.5	152
225-TL2	40	175	25	92	20	230	120	140	33	28.5	152