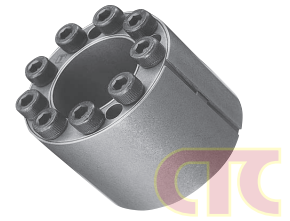


Double Torque Styles

Inner circumference of Outer Ring and outer circumference of Inner Ring are taper shape. By tightening the locking bolts, boths. Taper Ring slide and moves along the taper plane. At the same time, due to wedge action to the shaft and the inside plane of the hub contact pressure and shaft contact pressure radial pressures occur.

These P and P' pressures generate the frictional forces to lock the shaft and hub completely.

Hub contact pressure and Shaft contact pressure represent the average contact pressure applied to the shaft and hub respectively. These values may vary from - 20% to +40%, depending on the amount of friction applied to the bolts. Transmissible torque Mt and transmissible thrust Pax are calculated from the minimum allowable contact pressure.



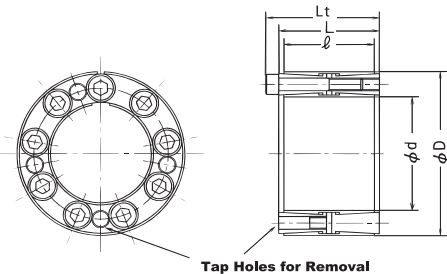
Structure



POWER-LOCK Technical Data

Double torque styles consists of 5 parts; Outer Ring, Inner Ring, Taper Ring 2 EA, Locking bolts.

- Heavy duty, wide double taper design.
- 1.5 to 3 times more torque capacity.
- Self centering.



Tap Holes for Removal

Number	Price ฿	d (mm)	D (mm)	Dimensions (mm)			Transmissible		Contact Pressure		Locking Bolts	
				l	L	Lt	Torque (N·m)	Thrust (kN)	Shaft P (kgf/mm ²)	Hub P' (kgf/mm ²)	Qty.	Size
98M4 0119	---	20	47	30	35	41	402	40.6	22.9	9.8	6	M6 x 28
98M4 0120	---	24	50	35	40	46	647	54.2	21.8	10.5	8	M6 x 30
98M4 0121	---	30	55	35	40	46	784	54.2	17.5	9.5	8	M6 x 30
98M4 0122	---	38	65	52	57	63	1670	89	15.4	9.0	11	M6 x 40
98M4 0123	---	40	65	52	57	63	1760	89	14.7	9.0	11	M6 x 40
98M4 0124	---	48	80	56	64	72	4070	170	17.1	10.3	9	M6 x 50
98M4 0125	---	55	85	56	64	72	4610	170	15.0	9.7	9	M6 x 50

Elastomeric Tensioners

1-bolt mounting. Temp. Range : -40° to 82°C. Employ no metal-to-metal connections; no lubrication required. Withstand dirt and grime; can be used indoors or out.

Mounting bolt and idler bolt included. Include 5/8" bushing.



To Order or Price. 02-682-7157-60 Auto !

Number	Mfr's	ANSI Chain Size	V-Belt Size Range	Flat Belt Width (In.)	Angle of Pretension								
					10°			20°			30°		
					Normal Force (lbs.)	Hard Force (lbs.)	Arm Movement Normal Force (In.)	Normal Force (lbs.)	Hard Force (lbs.)	Arm Movement Normal Force (In.)	Normal Force (lbs.)	Hard Force (lbs.)	Arm Movement Normal Force (In.)
1111 H111	SE15	35	A,B,3L	—	5.6	7	0.67	14.6	18.2	1.34	30.4	37.8	1.97
1111 H112	SE18	35,40,41	B,C,4L,5L	1, 2	16.9	20.9	0.67	40.5	50.6	1.34	78.7	98.2	1.97
1111 H113	SE27	40,41,50,60	D,E	2, 3, 4	33.8	43.8	0.87	85.4	111.1	1.73	179.8	233.8	2.56