

Dynamometer-Mounted Torsionally Resilient Coupling



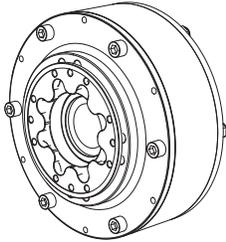
1023317.02 Torsionally Resilient Coupling
shown with SAE 1810 Drive Plate

Overview

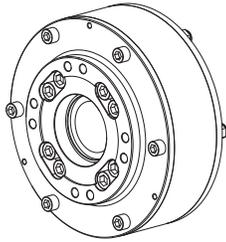
The Power Test Dynamometer-Mounted Torsionally Resilient Coupling is used when testing a comparatively small engine on a large capacity dynamometer and provides dampening of high-amplitude torsional vibration, minimizing transmission to the dynamometer.

Dynamometer-Mounted Torsionally Resilient Couplings:

- Allow testing of many engine sizes using one dynamometer
- Allow for the adjustment of torsional stiffness to meet testing requirements
- Supplied with lockup bolts for locking the drive plate to the inner drive hub for testing large engines (above 2,500 ft-lbs) without changing couplings
- Coupling Drive Plate Adapter (p/n: 63087) can be purchased to adapt to SAE 1910



Torsionally Resilient Coupling
shown unlocked with 1810 Drive Plate



Torsionally Resilient Coupling
shown locked with 1910 Drive Plate

For torque values below 2,500 ft-lbs, Power Test torsionally resilient couplings utilize a brass wear ring that provides a renewable bearing surface for the coupling when operated as a flexible connection.

Description	Part #	Max. Unlocked Torque (ft-lbs)	Drive Plates Supplied (SAE)			Max. Locked Torque (ft-lbs)	Max RPM	Weight (lbs)
			1610	1810	1910			
TR Coupling - 35X	1023317.01	2,500			X	7,206	4,000	161
TR Coupling - 35X	1023317.02	2,500	X	X		7,206	4,000	181
TR Coupling - 35X	1023317.03	2,500	X	X	X	7,206	4,000	201
TR Coupling - 45X	1023384.01	2,500			X	15,000	4,000	158
TR Coupling - 45X	1023384.02	2,500	X	X		15,000	4,000	178
TR Coupling - 45X	1023384.03	2,500	X	X	X	15,000	4,000	198



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