



Tilton has applied their nearly 50 years of experience in racing clutches to develop the ST-246 line of 246mm (9.7") twin disc clutch kits for the high-performance street market. Unlike many of the "performance clutches" on the market, ST-246 clutches were engineered from the ground up as a true performance twin disc clutch and not an OEM-type stamped steel pressure plate with a floater plate added. ST-246 clutches are designed to provide high torque capacity, low wear rate, smooth shifting and good drivability. All ST-246 twin disc clutch kits include a billet chromoly steel flywheel and are available with either sprung-hub organic discs (**850 lb-ft capacity**) or solid-hub cerametallic discs (**1250 lb-ft capacity**).

Features

- ▶ Precision machined aluminum clutch cover provides high-strength, stiffness and better dynamic balance than OE-type stamped steel covers.
- ▶ High-mass main pressure plate and floater plate, machined from the same proprietary material as used in Tilton's racing clutches, provides high heat capacity and resists.
- ▶ Heavy-duty straps attach pressure plate and floater plate to the clutch cover, minimizing noise and providing fast & clean release between shifts.
- ▶ Chromoly steel flywheel provides high-strength and long-term durability. Features a precision register to locate the clutch and provide optimal balance (as opposed to loose fitting bolts & dowels used with stamped steel clutches).
- ▶ Weight and inertia engineered to provide a good balance of performance and drivability.
- ▶ 246mm sprung-hub organic disc (**850 lb-ft**) and solid-hub cerametallic disc (**1250 lb-ft**) options.

Car Specific Applications

Includes: Clutch, discs, flywheel, clutch & flywheel bolts, alignment tool and spline grease.

Application	Weight (lbs)	Organic Disc Kits	Cerametallic Disc Kit
Chevy Camaro GEN6	48.3	55-1000	55-2000
Chevy Camaro GEN5	46.4	55-1005*	55-2005*
Chevy Corvette C7	48.3	55-1000	55-2000
Chevy Corvette C6	46.4	55-1009*	55-2009*
Chevy Corvette C5	46.4	55-1004	55-2004

** Includes 6000-Series hydraulic release bearing*



Engine/Transmission Applications

Engine	Transmission	Weight (lbs)	Organic Disc Kits	Cerametallic Disc Kit
Chevy LS (6-Bolt)	Tremec T56 6-spd/ TKO 5-spd (26-spline)	46.4	55-1004	55-2004
Chevy LSA/LSX (8-Bolt)	Tremec T56 6-spd/ TKO 5-spd (26-spline)	46.4	55-1008	55-2008
Chevy LT1/LT4	Tremec T56 6-spd/ TKO 5-spd (26-spline)	46.4	55-1008	55-2008
Chevy V8 (early)*	Tremec T56 6-spd/ TKO 5-spd (26-spline)	43.4	55-1002	55-2002
Ford Coyote	Tremec T56 6-spd/ TKO 5-spd (26-spline)	47.7	55-1001	55-2001
Ford Small Block*	Tremec T56 6-spd/ TKO 5-spd (26-spline)	44.0	55-1003	55-2003

** Internal Balance*