

725 TWIN DISC SERIES

FX725 TWIN DISC

THE 725 SERIES IS A SMALLER DIAMETER ASSEMBLY, WHICH CREATES LESS ROTATING MASS AND OFFERING QUICKER, AND SMOOTHER SHIFTING WITH MUCH BETTER THROTTLE RESPONSE, IDEAL FOR DRAG RACING APPLICATIONS.



The Clutch Masters FX725 is a 7.25" (184mm) Twin Disc clutch and is the ultimate in twin disc performance for engines/transmissions with smaller bell-housings that are focused on drag racing. Clutch Masters FX725 Twin Disc systems are developed from decades of experience in drag racing. Because of the minimal rotational mass the FX725 isn't ideal for the street but with improvements in friction material over the years we have been able to create a solution that can handle occasional street driving. The FX725 is designed to hold tremendous horsepower and torque, while maintaining reasonable peddle pressure to operate on the track.

The cover assembly is machined from billet aluminum and is then Type 3 hard anodized. Our billet covers have roughly 25% more tensile strength than the competition's cast unit. By focusing our ability on machining the strongest cover possible while maintaining minimal weight, we are basically able to eliminate any flex in the cover. Our billet covers see only .003" of flex where as a cast or stamped unit can see as much as .030" of flex. By eliminating this flex in the cover, the driver is able to operate the clutch much more consistently and confidently. All the movement being applied to the diaphragm of the clutch from the throwout bearing is used solely to engage and disengage the clutch and isn't wasted by the cover flexing first. The strength of our covers also results in greater clamping force over the same amount of area vs. a cast or stamped cover. This means our twin discs are easy to drive and have superior clamping force to make sure all the power your engine is making is being utilized.

What makes our FX725 and FX850 Multi-Disc Kits truly special, and a feature unique to Clutch Masters is our QR System, or Quick Release Pressure Plate. The QR System incorporates three spring-loaded bolts allowing the pressure plate to engage and disengage evenly and smoothly while reducing internal clutch noise/chatter by up to 50%. The QR System was developed to provide quiet and smooth operation for the street user while delivering the performance a multi-disc race clutch needs.



Flywheels are made for each specific application in either aluminum or steel. Our aluminum flywheels are machined from billet 6061-T6 aluminum to meet SFI spec 1.2 for competition in NHRA, NDRA, IDRC, IHRA, SCCA and NASA. Aluminum flywheels are Type 3 hard coat anodized to ensure their durability and performance lasts. Each aluminum flywheel includes a replaceable insert. Steel flywheels are machined from 1045 billet cores and are then black oxide treated for rust prevention.

Available Stages:

"Street and Race" (TD7S) – 1 ceramic rigid disc, and 1 fiber tuff rigid disc
"Race" (TD7R) – 2 ceramic rigid discs

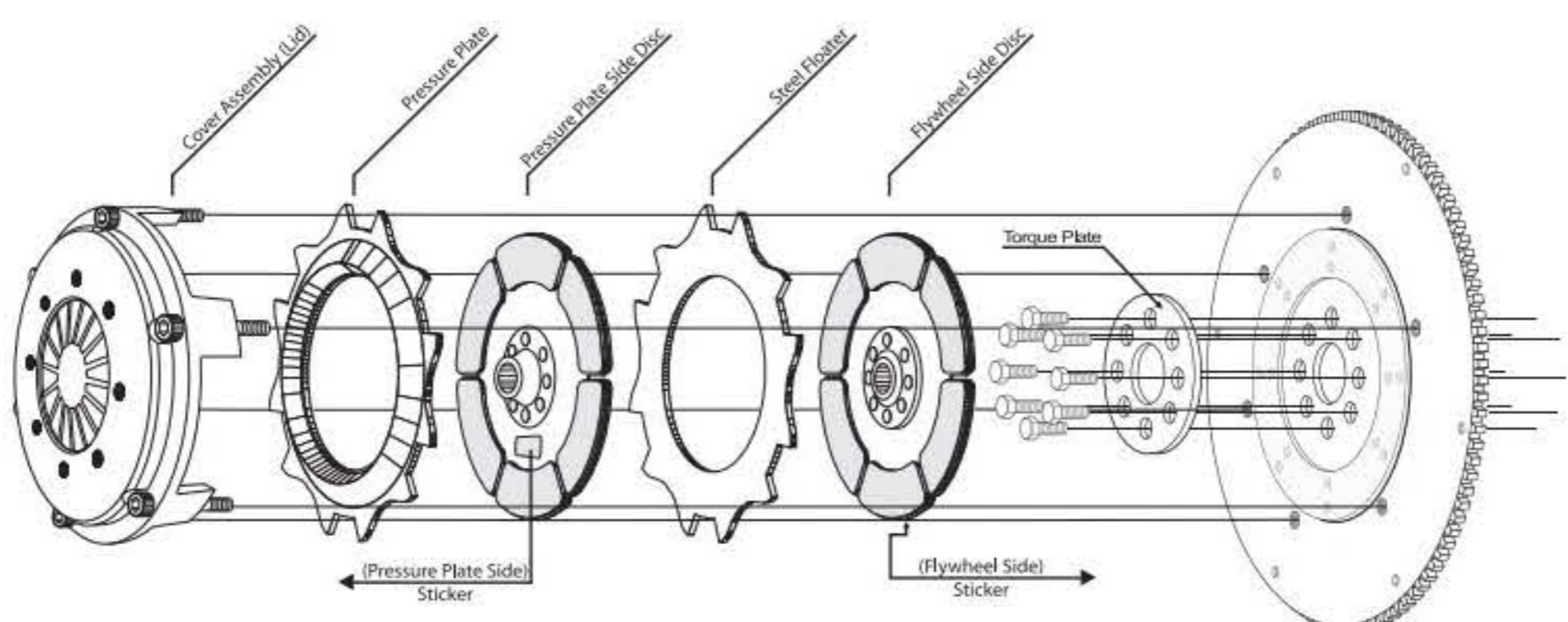
Clutch Masters offers custom options when required by utilizing a variety of friction surfaces, discs and pressure ratings to satisfy any need!

Clutch Masters Twin Disc features:

- Components can be purchased separately for economical repair.
- Positive release for ease of high RPM staging and shifting.
- Most have experienced better 4/10's times and averaged hundreds of passes without complications or repair

All systems include:

- Hard Anodized Aluminum Cover Assembly with attached Diaphragm
- Pressure Plate Ring
- Two Discs
- One Mid Plate
- Billet Aluminum Flywheel (Steel available on select applications, please call for more information)
- Release Bearing
- Pilot Bearing (when applicable)
- Pressure Plate Bolts



[View other performance transmission parts made by Clutch Masters on our website.](#)