



ORC Pro Carbon Clutch Series



The Pro Carbon Clutch Series delivers a range of advantages ideal for high-performance racing, utilizing the unique properties of carbon fiber. Based on the METAL twin disc clutch, the carbon version features significantly reduced weight, enabling quicker upshifts. It is highly durable, maintaining torque transmission even at high temperatures, and offers excellent stability in performance.

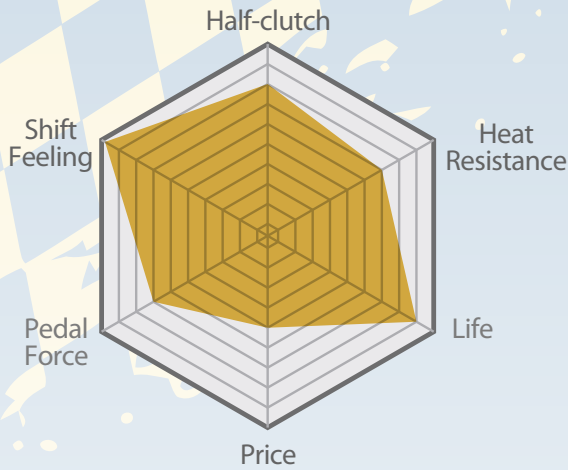
Pro Carbon features significantly reduced weight.

Recommended Usage:

SPORT	★	★	★	★	★
DRIFT	☆	☆	☆	☆	☆
CIRCUIT	★	★	☆	☆	☆
DRAG	☆	☆	☆	☆	☆



Performance Radar Chart

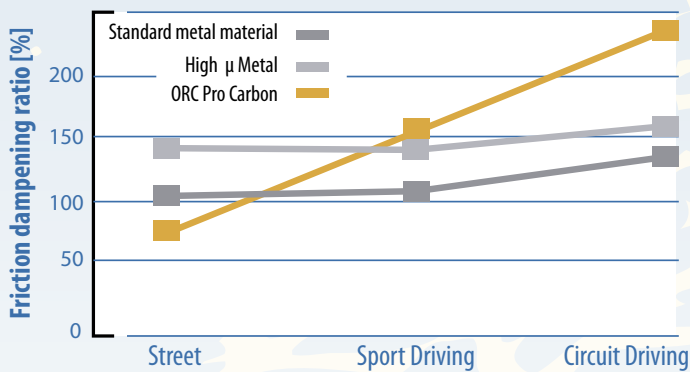


Compatible Torque

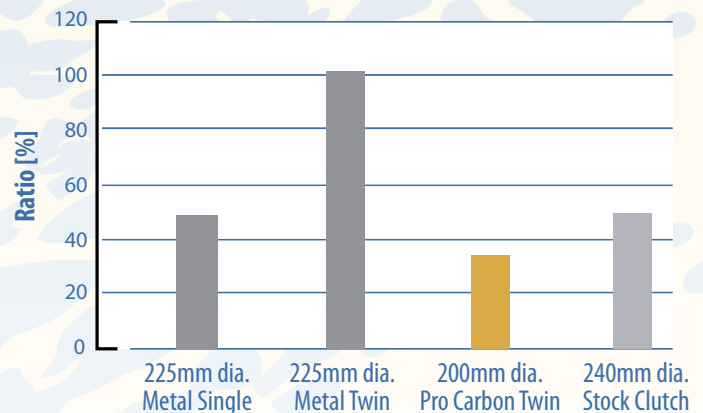
Model	Torque lb-ft (Nm)
309CC/309CCS	251 (340)
409CC/409CCS	310 (420)
559CC	465 (630)

Pull-Type Operation: Available for select car models. It achieves a light pedal force and high transmission force similar to that of the stock product, and improves sharpness.

Friction coefficient based on our data



Moment of inertia based on our data



Excellent torque characteristics

The friction coefficient of Pro Carbon discs changes as the temperature increases. Under high temperatures during circuit driving, it responds firmly to the pedals and generates torque. During normal driving and sports driving, the characteristics change to mild and easy to handle.

Allows for quick shift changes

Because Pro Carbon discs are lightweight, their moment of inertia is extremely small, and even a twin disc is about half that of a standard single disc. The synchronization effect becomes useful, allowing for quick shift changes with a racing feel.

