

▼ PERFORMANCE ROTORS

Sparta Evolution® offers a full lineup of rotors that are engineered to offer the best performance on the street and excel in the most extreme race conditions. From the center hat to the rotor ring and hardware, every component undergoes quality inspection procedures before packaging. Laboratory and on-track testing has proven our rotor alloys to be longer lasting and provide more stable friction profiles than our competitors.

The Sparta Evolution® rotor offering ranges from the direct OEM 1-piece replacement (GP1) to the true floating 2-piece Big Brake Kit standard rotors.



ABOUT SPARTA EVOLUTION

Sparta Evolution® is a brake manufacturer located in Kent, WA (USA). Our brake products include; Big Brake Kits, brake pads, disc rotors, stainless steel brake lines and brake fluid. Whether it be for spirited street use or hardcore racing, Sparta Evolution® has the highest quality and best performing brake products in the industry. Join Sparta in "The Evolution of Braking".

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SPARTA[™]
HIGH PERFORMANCE BRAKE SYSTEMS





NEW TECHNOLOGY

Tri-Wing 3 (TW-3) Groove

- Better out gassing, resulting in cooler pad and rotor temps
- More responsive initial brake bite
- Multi-directional universal slot pattern
- Patented design

Dynamic Control Flow 96 Vane (DCF-96)

- 96 strategic pillars and posts cast into disc rotor
- 48 outer pillars to maximize strength and stability in large rotors
- Advanced heat distribution design to minimize thermal gradients
- Minimizes Disc Thickness Variation (DTV) caused by thermal rotor deformation
- Multi-directional universal cooling structure
- Patented design



GP1 ROTORS

GP1 rotors are direct OEM replacement rotors that come standard in the new Tri-Wing 3 (TW-3) groove and limited S-Groove availability for certain BMW applications. Designed for longevity and smooth actuation, the GP1 rotors use proprietary formulated cast iron material to increase wear resistance and heat cycling capabilities.

- E-coating helps prevent rust and is less susceptible to salt compared to traditional zinc plating
- Higher Brinell hardness that aids in reducing rotor wear
- High carbon content that helps distribute and dissipate heat more efficiently and evenly



GPX ROTORS

GPX rotors are built to allow original brake systems to perform in the harshest conditions, without having to upgrade brake calipers or purchase a big brake kit. The use of 2-piece floating rotors, much like the rotors on our big brake kits, allow for extreme rotor temperatures without the risk of cracking or warping the disc.

- Designed to help reduce weight
- Provides better heat capacity and performance over OEM rotors
- Reduces cost of replacement brake rotors



BBK ROTORS

BBK rotors are designed to be a true floating 2-piece rotor system to accommodate for thermal expansion under all conditions for heavy street and race use.

- Standard rotor option included with all Sparta Evolution® BBK's
- Offered in select groove specifications; primary is Tri-Wing 3 (TW-3)
- Race and track use that require maximum bite and smooth release
- Endurance racing or any time rotor life is a primary concern

