

STāSISBRAKING
RACE BRED ADRENALINE



alcon 
engineering your advantage





EVEN IF YOU NEVER RACE, YOUR PULSE WILL

Your wait is over. We have broken the barriers of access to high-performance braking and elevated the act of driving to art.

STaSIS Engineering and Alcon have joined forces to finally offer driving enthusiasts track-worthy braking performance. Tested and proven in the world's most elite motor sport laboratories, this technology has been previously available only in arenas such as Formula 1, World Rally and NASCAR. Even if you've never raced professionally, your brakes have.





PROVEN ON THE TRACK

STaSIS Engineering and Alcon are at the pinnacle of applied racing technology. Every day the engineers of STaSIS and Alcon forcibly raise the limits of performance for the world's best drivers, who effortlessly brake later into curves with uncompromised stability and confidence. Pros depend on these braking systems with their lives. Now, so can you.

ON ANY ROAD, ALCON ROTORS DOMINATE

Deep core castings and a high copper content alloy mean greater and more uniform heat conduction and absorption, resulting in consistent thermal expansion. Higher nickel content optimizes the pad-rotor interface, where initial material bedding is more effective, improving the bite and release characteristics of the pads. These features offer warp-free performance, superior pedal feel and longer rotor life.

WE MAKE IT BETTER

The most advanced technology without proper application is useless. The engineers at STaSIS morph Alcon's superior component technology into elite braking systems that are unique and unmatched. These kits are not mass-produced. Each set of components is carefully engineered to work with the car's stock brake system, seamlessly and naturally.

If the accountants were on vacation, these are the brakes the factory engineers would have designed.



FLAUNTED ON THE COMMUTE

At every angle it's unmistakable: shameless big brake bravado. Why hide it? Nothing screams from behind the spokes like an Alcon-based braking system from STaSiS. One look says it all – high performance, ultra-refined technology and style with massive gripping power. If you've got it, drive it.



ALCON MONOBLOC CALIPERS STAY STIFF

Alcon calipers are cast into a single piece of aluminum, resulting in superior stiffness and thermal capabilities. The result is excellent and consistent pedal feel.

DIFFERENTIAL PISTON BORES

Optimal piston sizing evenly distributes pad wear by balancing clamping forces with temperature gradients across the pad surface. Alcon's ultra-resilient piston seals minimize piston retraction so drivers enjoy responsive and repetitive pedal travel.

DIRECTIONAL VANING MAXIMIZES HEAT EXCHANGE

Alcon brings new advances in airfoil technology with unique directional vaning in the rotors. The floating pin drive on the two-piece rotor hat assembly allows the rotor to completely expand through efficient thermal loading without overstressing the hat. This design greatly accelerates the rate of heat exchange between the rotors and air and minimizes rotor warping. Segmented crescent slots raise pad grip levels by improving de-gassing between the rotor and pad, and are more effective at whisking water and brake dust than conventional straight slots or antiquated cross drillings. The instinctive driver will notice better pedal feel, turn after turn.

REDLINE THE THRILL, DOWNSHIFT THE FEAR

In the realm of high-performance braking, safety and performance must be one and the same. On the street and on the track, these components are gruelingly tested to destruction to ensure that no extreme of weather or driving technique will out-perform our products or compromise any driver's safety. You may not drive your car like it's a F1 machine but you can be confident it will stop like one. Bet your life on it.



BRAKING THE WORLD'S FINEST MACHINES

Alcon brake systems are the original equipment in the Final Series editions of the Bentley Continental R coupe and Bentley Azure convertible. You will find our calipers in the Formula 1 racecars of the Honda Racing F1 Team. The elite armored Range Rover by Land Rover boasts a super-designed set of Alcon brakes and calipers able to control a four-ton vehicle in any rugged pursuit situation. Bottom line? You are in extraordinary company with STaSiS and Alcon.

MEET THE PRESS

"Alcon brake systems have been an integral part of our Trans-Am and Sports Car race success over many years. After numerous Trans-Am championships and wins at Daytona and Sebring, we continue to rely on Alcon to supply the best brakes to get the job done"

– Bill Riley, President, Riley Motorsports

"Day two would separate the men from the boys. Most teams admitted they'd rather win on the track than on the dyno....Winner by a country mile was the STaSIS S4"

– Eurotuner, December 2005



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