

HI-TECH BRAKE SOLUTIONS MADE IN EUROPE















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SBS BETTER BRAKES

SBS is introducing a new type of compound that is both purer in composition and has improved performance characteristics. We call it SBS Better Brakes.

January 1st 2023 marks the launch of the first product series being transitioned into the new SBS Better Brakes compounds, HF, HS and MS. The new compounds are designed with purification and performance in scope. Sinter compounds will not contain copper and nickel - instead they are designed on an iron-based formula. HF compounds are purified and without antimony*.

COPPER (for Sintered brake pads)
NICKEL (for Sintered brake pads)
ANTIMONY (for Ceramic brake pads)

THE IDENTIFYER

To differentiate the old from the new, SBS is introducing the symbolic "Better Brakes icon" to its packaging. We do so also because product references (e.g. 706HS or 146MS) will remain as they are today, for the convenience of riders, dealerships and distributors.



TRANSITIONING PHASE

The first products to transition into SBS Better Brakes are HF, HS and MS. Production of SP will discontinue as of January 1st 2023. All SP product references will be merged into HS, making the preferred selection easier, based on a good-better-best principle.

Next in line in the transition plan by mid-2023 is the transition of RQ and CT products, followed by the transition of LS products and in 2024, SI products.

^{*} Compounds can contain dust particles that may or may not contain levels of Copper, Nickel and Antimony. The compound terminology do not include backing plate coatings.



BRAKE PADS APPROVED ACCORDING TO ECE R90



The ECE R90 regulation specifies design, construction, and performance requirements and test protocols for replacement brake parts for road going motor vehicles.

SBS has as an industry-first received full approval according to the new ECE R90 regulation. You can see on the product pages which ones are marked "ECE R90 approved". All future introductions are designed to meet the approval of the ECE R90 regulation.

YOUR SAFETY - YOUR BENEFITS

ECE R90 tests speed sensitivity and cold performance. Since the lining is part of the braking system converting the vehicle's kinetic energy into heat, the lining must be capable of surviving high temperatures without excessive wear (leading to frequent replacement) or outgassing (which causes brake fade, a decrease in the stopping power of the brake).

Furthermore ECE R90 requires correct marking of the products and sealed packaging.

A factory & test equipment approval is also part of the R90 homologation. It involves engineers inspecting and accrediting the factory once a year. SBS of course holds the approval for both manufacturing and testing facilities.

Type-approval to ECE R90 is required for all replacement brake linings throughout the European Union and in non-European countries that have adopted ECE Regulations.

HOW TO TEST – THE PRACTICALITIES

The brake pads are divided into 3 categories – A, B and C - depending on area of the friction material, and all compounds are tested individually.

All vehicles recommended for the specific brake pad compound must be calculated according to the kinetic energy to find the most severe vehicle for testing.

This way all compounds and vehicles are checked and the most severe combinations tested on track, for the consumer to get a very safe and secure product.

In short: your guarantee for reliable OEM replacement quality.

When you choose an Aftermarket replacement brake pad, we strongly recommend you check that the ECE R90 approval has been granted. With SBS you are safe – all our brake pads for public road use have been fully approved for all shapes, vehicle applications and compounds. Contact our Customer Service for more information: sbs@sbs.dk.





NRS TECHNOLOGY (NUCAP RETENTION SYSTEM)

SBS is 100% NRS SAFE! SBS conductive and sintered brake pads are all enforced with the premiere bonding technology in the market, NRS. The NUCAP Retention System (NRS) is a patented process where the backing plate surface is modified with a matrix of steel hooks that facilitate an indestructible mechanical bond between brake pad backing plate and the friction material, without any use of adhesives.



The main advantages of NRS technology compared to traditional bonding methods are:

- // No separation between backing plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and backing plate.

ALSO FOR RACING

As the only manufacturer of racing pads, SBS has since the introduction of DC Dual Carbon in 2001 and DS Dual Sinter in 2007 used NRS technology for both the carbon and the sinter-based compounds. A special version of NRS have been developed to match the performance expectations of SBS brake pads for racing.

THE IDENTIFIER



Products with NRS can be identified with the NRS badge on the lower part of the packaging.





STREET BRAKE PADS

If a street bike is the best you own. If you are dedicated to touring and adventures in weekends and holidays. If you enjoy the freedom of motorcycle riding. Or if you are commuting every day.

Then SBS STREET brake pads are the right choice for you. Our STREET compounds are developed to match all makes, models and age of street bikes in the market – front and rear.

They give you the performance, lifetime and comfort that you need to GO AHEAD.

Choose between:
// PERFORMANCE – HS / LS
// STANDARD – HF

Follow our recommendations for the ideal pads for your bike.







PERFORMANCE









HS - SINTER

FRONT

- // OE replacement and upgrade compound for bikes with sintered pads
- // Designed for modern high performance, sport, big touring and adventure bikes
- // Sintered compound formulated for low wear, high thermal stability, excellent brake feel and easy modulation
- // Class-leading and high performance, developed in racing and fine-tuned for street use
- // Excellent for stainless steel or cast iron brake discs/rotors
- // Front (HS) and rear (LS) compounds for ideal brake balance, to avoid rear wheel lock-up
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





PERFORMANCE









LS - SINTER

REAR

- // OE replacement compound for bikes with sintered pads
- // Designed for modern high performance, sport and big touring bikes
- // Sintered compound offering predictable and controllable performance for rear wheel use
- // Exclusive rear wheel compound formulated according to OEM concept offering ideal front/rear brake balance, to avoid over-braking and rear wheel lock-up
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





STANDARD









HF - CERAMIC

FRONT / REAR

- // OE replacement compound for bikes with non-sintered pads
- // Designed for commuters, general-purpose street and cruiser bikes
- // Ceramic compound offers long pad life, low dust and low brake disc/ rotor wear
- // Excellent, consistent performance in wet and dry conditions
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound
- // Innovative noise-reduction technology for high comfort and low development of noise
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate



AMERICAN MOTORCYCLES

If you have a passion for the American lifestyle, and the unique design and characteristics of the famous American motorcycle brands such as Harley Davidson, Buell and Indian, then SBS has the answer to your brake needs.

Our range of brake pads developed especially for American made motorcycles features compounds that unite high power with low noise and long lifetime. Our range has full coverage - vintage models back from the 80s as well as brand new American built bikes.

Choose between:

- // HIGH PERFORMANCE & NO DUST H.HS / H.LS
- // HIGH POWER & NOISE REDUCTION FORMULA H.CT
- // UI TRA QUIFT & I OW DUST H.HF

Follow our recommendations for the ideal pads for your bike.







HIGH PERFORMANCE & NO DUST









H.HS - SINTER

FRONT

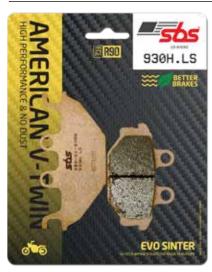
- // OE replacement and upgrade compound for bikes with sintered pads
- // Designed for modern high performance, sport and big touring bikes
- // Sintered compound formulated for low wear, high thermal stability and excellent brake feel
- // Class-leading, high performance, developed in racing and fine-tuned for street use
- // Excellent for stainless steel or cast iron brake discs/rotors
- // Front (H.HS) and rear (H.LS) compounds for ideal brake balance, to avoid rear wheel lock-up
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





HIGH PERFORMANCE & NO DUST









H.LS - SINTER

REAR

- // OE replacement compound for bikes with sintered pads
- // Designed for modern high performance, sport and big touring bikes
- // Sintered compound offering predictable and controllable performance for rear wheel use
- // Exclusive rear-wheel compound formulated according to OEM concept, to offer ideal front/rear brake balance, to avoid overbraking and rear wheel lock-up
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





HIGH POWER & NOISE REDUCTION FORMULA









H.CT - CARBON

FRONT / REAR

- // Performance upgrade compound, excellent for bikes with customized brake system and discs/rotors
- // Compatible with stainless steel, cast iron, chromed and polished brake discs/rotors
- // HH-rated performance, developed in racing and fine-tuned for street use
- // Unmatched feel and control at brake lever in wet and dry conditions
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





ULTRA QUIET & LOW DUST









H.HF - CERAMIC

FRONT / REAR

- // OE replacement compound for bikes with non-sintered pads
- // Designed for commuters, general-purpose street and cruiser bikes
- // Ceramic compound offers long pad life, low dust and low brake disc/ rotor wear
- // Excellent, consistent performance in wet and dry conditions
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound
- // Innovative noise-reduction technology for high comfort and low development of noise
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





SCOOTER BRAKE PADS

When it comes to city traffic, a scooter is often the ideal vehicle. In the dense traffic you have to rely on your brakes. The SBS scooter brake pads offer the ideal brake performance and durability for this environment.

We offer different compounds for different kind of scooters and riding needs. Our market coverage is wide with pads and compounds from small 50 ccm models to modern, high performance maxi scooters.

Choose between:

// MAXI SINTER - MS

// STANDARD & MAXI - CT

// STANDARD & MAXI - HF

Follow our recommendations for the ideal pads for your bike.







MAXI SINTER







MS - SINTER

FRONT / REAR

- // High performance upgraded sintered compound for Maxi scooters from 250 ccm and up
- // Recommended for Maxi scooters equipped with motorcycle technology
- // State-of-the-art sintered compound formulated for low wear, high thermal stability and excellent brake feel
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





STANDARD & MAXI







CT - CARBON

FRONT / REAR

- // Performance upgrade carbon compound for medium size scooters 125-249 ccm
- // Recommended for sporty riding, everyday transportation and fun
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





STANDARD & MAXI







HF - CERAMIC

FRONT / REAR

- // OE replacement ceramic compound for small and medium size scooters 50-124 ccm
- // Recommended for commuters and general-purpose street riding
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate



RACING BRAKE PADS

For more than 25 years racing has been part of our DNA.

Through our Partners in Racing concept, we deliver the stopping power to two-wheeled motorsport. Whether it comes to international top level road racing such as Superbike, Supersport or Endurance, national competitions, track days or classic road racing, SBS offers you the brake pads you need for winning important 100th of seconds when braking. Our race compounds are specially developed for competition and race track use - tested and approved by some of the world's top riders

Choose between:

- // DYNAMIC RACING CONCEPT DS-1 & DS-2
- // ROAD RACING & CLASSIC RACING DC / DCC
- // ROAD RACING & TRACK DAYS RST
- // RACING REAR RQ / LS

Follow our recommendations for the ideal pads for your bike.







PROFESSIONAL RACING



DS-1 & DS-2 DYNAMIC RACING CONCEPT

FRONT - FOR RACE USE ONLY

- // The choice of numerous World Champions in Superbike, Supersport, Moto2 and Endurance
- // High-tech sintered compound available for racing & standard brake systems used in racing
- // DS-1 with an aggressive initial bite features and linear predictable in-stop performance
- // DS-2 with a smooth initial bite and progressive in-stop performance
- // A combination (left and right) of the two compounds makes fine tuning of braking performance possible
- // NUCAP NRS technology secures mechanical bonding

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





ENDURANCE, CLASSIC RACING & ROAD RACING





DC - DUAL CARBON

FRONT - FOR RACE USE ONLY

- // The upgrade choice for Superbike, Supersport and Superstock racers in National Championship as well as for Track Day riders
- // High-tech carbon compound developed for racing and standard brake systems used for race and sport bikes
- // Low heat transfer rate protects brake system and brake fluid against extreme temperatures
- // Smooth initial bite, progressive in-stop performance with excellent brake lever feel and modulation
- // DEST technology used for pre-bedding of the compound to eliminate fade and secure consistent performance
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





ENDURANCE, CLASSIC RACING & ROAD RACING





DCC - DUAL CARBON

FRONT - FOR RACE USE ONLY

- // The choice for classic road racing derived from more than 25 years of experience in World Championship racing and inspired by our championship winning DC Dual Carbon material
- // Smooth initial bite, ideal for classic front fork construction and tires. Progressive brake performance offering superior power and front-end feel
- // Thermal stability, suitable for 1 & 2 disc/rotor set-up. Compatible with stainless steel and cast iron brake discs/rotors
- // Low thermal conductivity reduces thermal load to seals, brake fluid and caliper parts
- // DEST technology used for pre-bedding of the compound to eliminate fade and secure consistent performance
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





ROAD RACING & TRACKDAYS





RST - SINTER

FRONT

- // The ideal and affordable choice for track days and club racing. Can be used for street riding
- // Sintered compound available for modern sportbike standard brake systems
- // Excellent for stainless steel or cast iron brake discs/rotors
- // Strong initial bite, linear in-stop performance with good brake feel and control

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





REAR HIGH PERFORMANCE









RQ - CARBON TECH

REAR

- // Rear brake carbon compound with high brake performance
- // Excellent feel and control to use rear brake steering into turns and handle the bike out of turns
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





PERFORMANCE









LS - SINTER

REAR

- // Rear brake sintered compound with medium brake performance and long pad life
- // Recommended for riders using the rear brake occasionally or only slightly entering the turns
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate



OFF ROAD & ATV BRAKE PADS

Enjoying the freedom in the desert. Conquering rocks and mountains. Racing down the dirt track for podium positions.

When riding off road is your passion, SBS offers you the ideal brake compound for the aggressive environment of sand, dust, mud and water. Whether on motorcycle, ATV or UTV.

Choose between our racing pads for competition at all levels or the alternatives when riding off road for leisure and fun. Our range covers all off road makes and models and of course for both front and rear applications.

Choose between:

// UPGRADE & RACING - RSI / PSI

// CLUB, TRAILS & LEISURE - SI / CS / ATS

Follow our recommendations for the ideal pads for your bike.







UPGRADE & RACING





RSI - SINTER

FRONT / REAR

- // Performance upgrade choice of MX GP World Championship MX GP and MX2 teams and riders
- // Sintered compound formulated for high thermal stability, powerful and predictable fade-free performance
- // Compatible with OE standard brake discs and specially designed racing discs/rotors

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





CLUB, TRAILS & LEISURE









SI - SINTER

FRONT / REAR

- // The upgrade choice for muddy, wet or sandy conditions
- // Sintered compound formulated for extended service intervals, high performance and easy modulation
- // Class-leading smooth performance developed in racing under severe conditions
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





CLUB, TRAILS & LEISURE









CS - CARBON

FRONT / REAR

- // Affordable replacement choice for hobby motocross and competition
- // Carbon compound offer smooth, quiet and non-grabbing performance
- // NUCAP NRS technology secures a mechanical and indestructible bonding of the compound
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





UPGRADE & RACING







PSI - EVO SINTER

FRONT / REAR

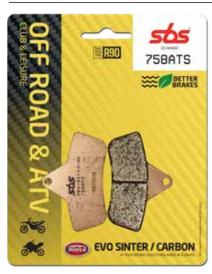
- // Ultimate upgrade compound for ATVs and UTVs
- // State-of-the-art conductive sintered EVO compound formulated for strong initial bite to give instant brake feeling, easy modulation and powerful in-stop performance
- // Fade free, consistent and reliable performance under extreme conditions and throughout brake pad lifetime
- // NRS Technology secures a mechanical and indestructible bonding of the compound
- // Full-range availability completed Q1 2021

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate





CLUB, TRAILS & LEISURE









ATS - SINTER

FRONT / REAR

- // OE replacement compound for combination with plain steel brake discs/rotors
- // Sintered compound compatible with OE standard plain steel brake discs/rotors as used with older Arctic Cat & Polaris ATV models
- // Part of the new SBS Better Brakes transition

- // No separation between the back plate and friction material
- // No lifting edges of the friction material giving a firm lever feel
- // No vibration between the friction material and back plate



HI-TECH BRAKE SOLUTIONS MADE IN EUROPE

At SBS, we develop and manufacture hi-tech brake solutions.

Our ranges of brake pads, brake discs/rotors, brake shoes, clutch kits and other important parts cover all relevant motorcycles, scooters and ATV/UTVs on the market, regardless of make and model. SBS is your single source for brake parts and components.

We are a global market leader within brakes for powered two-wheelers. Our R&D department continuously innovates with new materials and technologies to achieve ultimate performance, longer lifetime, higher comfort and more eco-friendly products.

Our products are tested by reality. Dynamometer testing is supplemented with numerous street and race track tests. We work together with some of the world's best road racing and motocross riders, when they race towards podium positions.

We create the power to stop you. Made in Europe. You decide where and how to use it.

Go Ahead!









