PAGID
RACING
THE DIFFERENCE IN BRAKING

RACING BRAKE PRODUCTS
TCR RACING

QUALITY

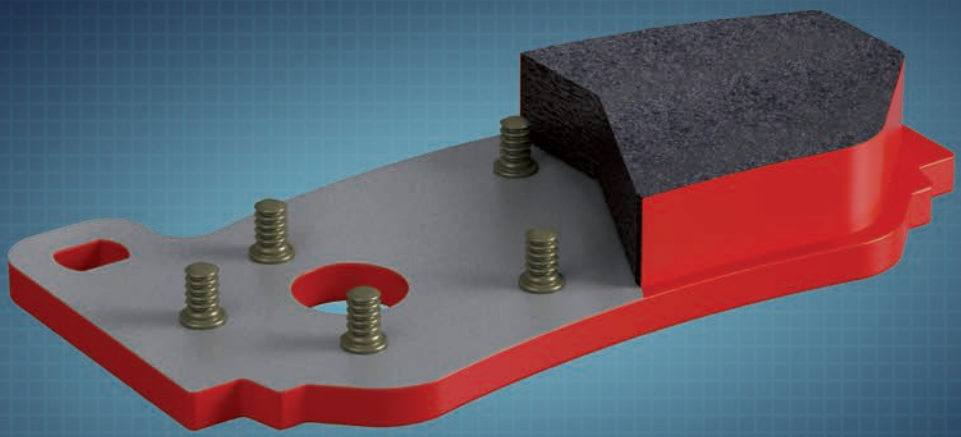
PERFORMANCE

INNOVATION

OE COMPETENCE & MAXIMUM PERFORMANCE

PAGID Racing stands for reliability, durability and quality for extreme challenges for Rookies and Professionals.

Benefit from the many years of quality experience by PAGID Racing as an OEM supplier on numerous cars, including TCR models.



PAGID RACING STEEL BACKING PLATE DESIGN

PAGID Racing employs dual retention systems, with an adhesive bond and a patented mechanical system. The mechanical system consists of brass studs that are welded directly to the backplate to ensure a positive retention between pad compound and the backplate. These brass studs are softer than the brake disc (rotor) and wear away as the pad is consumed causing no damage to the disc.

- **UNIQUE AND PATENTED SYSTEM**
- **FRICTION MATERIAL IS FIXED TO THE BACKPLATE**
- **NO DELAMINATION FROM THE STEEL BACKING PLATE**
- **HIGH TECH AND INNOVATION FOR YOUR VEHICLE**

PAGID RST

RALLY, SPRINT AND STOCK CAR RACING BRAKE PADS

SPRINT & RALLY MATERIALS WITH EXCELLENT PERFORMANCE CHARACTERISTICS

PROGRESSIVE IN-STOP BEHAVIOR WITH INSTANT PEDAL RESPONSE

CONSISTENTLY FIRM PEDAL AT ALL TEMPERATURES

FADE RESISTANT AT HIGHEST DISC TEMPERATURES

GOOD COLD FRICTION

GOOD MODULATION AND CONTROLLABILITY

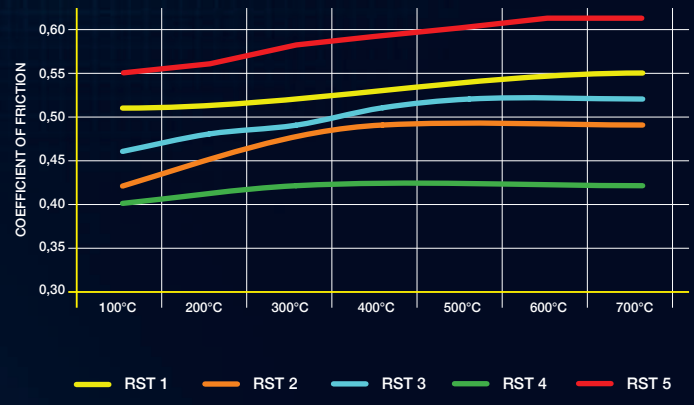
AVAILABLE RACING BRAKE PAD COMPOUNDS

RST 1	RST 2	RST 3	RST 4	RST 5

PAGID Racing RST compounds are developed for rally, sprint and stock car racing.

They meet or surpass all current ecological standards of the automotive industry.

FRICTION VS. TEMPERATURE



PAGID RSL

ENDURANCE RACING BRAKE PADS

EXCELLENT PERFORMING FRICTION MATERIALS FOR ENDURANCE RACING

WIDE OPERATING TEMPERATURE RANGE

VERY GOOD MODULATION AND CONTROLLABILITY

LOW HEAT CONDUCTIVITY

DISC FRIENDLY

SLIGHTLY PROGRESSIVE IN-STOP FRICTION BEHAVIOR

WORKS VERY WELL WITH ABS SYSTEMS

EXCELLENT RELEASE CHARACTERISTICS

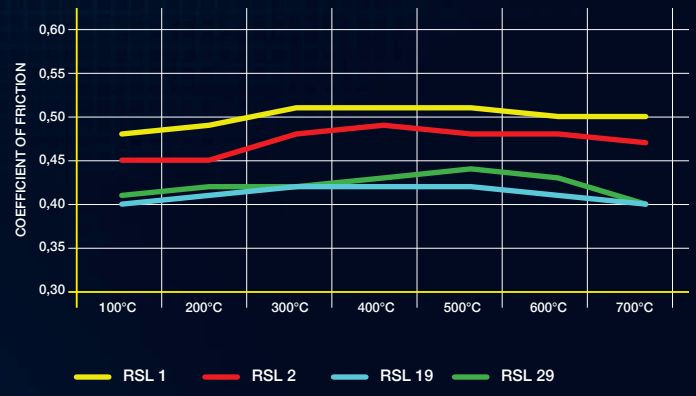
AVAILABLE RACING BRAKE PAD COMPOUNDS

RSL 1	RSL 2	RSL 19	RSL 29

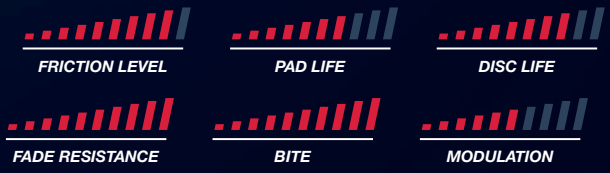
PAGID Racing RSL compounds are developed to comply with the latest requirements in endurance racing.

They meet or surpass all current ecological standards of the automotive industry.

FRICTION VS. TEMPERATURE



RST 1



RST 1 has a very high friction level and high temperature resistance. Cold friction and initial bite makes this material most appropriate for Sprint Racing.

RST 3

RST 3 has a high friction level, good modulation characteristics and low heat conductivity. The combination of high bite, high friction and controllability makes it suitable for Sprint Racing.

RST 4

This material has a medium low friction level and high temperature resistance. Perfect rear axle material for all kind of racing.

RST 5

The RST 5 perfectly manages the balance between high aggression and prevention of wheel spin and provides ideal performance from low temperatures to extremely high temperature conditions.

RSL 1

RSL1 maintains a constant friction level over a wide range of temperatures. Its low wear rate and disc friendliness makes this material appropriate for endurance races.

RSL 2

RSL 2 is based on the RSL 1 compound but has been further improved in terms of pad and disc life as well as friction stability vs. temperature. Due to excellent modulation characteristics often also used in sprint races.

AVAILABLE RACING BRAKE PADS / RECOMMENDATIONS FOR TCR VEHICLES

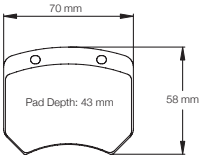
Sprint Racing

Vehicle Type	Year	Front				Rear		
		Pad Shape No.	Thickness	Compound		Pad Shape No.	Thickness	Compound
				Rookie	Pro			Rookie + Pro
Alfa Romeo Giulietta TCR	17 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4
Audi RS3 TCR	17 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4
Honda Civic TCR	16 -	1904	18 mm	RST 3	RST 1	1363	15 mm	RST 4
Opel Astra TCR	17 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4
Peugeot 308 TCR	17 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4
Seat Leon TCR	15 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4
Subaru Impreza TCR	17 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4
Volkswagen Golf TCR	16 -	1539	25 mm	RST 3	RST 1	1363	15 mm	RST 4

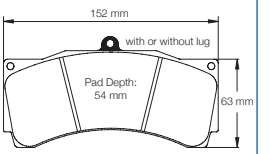
Endurance Racing

Vehicle Type	Year	Front			Rear		
		Pad Shape No.	Thickness	Compound	Pad Shape No.	Thickness	Compound
				Rookie + Pro			Rookie + Pro
Alfa Romeo Giulietta TCR	17 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2
Audi RS3 TCR	17 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2
Honda Civic TCR	16 -	1904	18 mm	RSL 1	1363	15 mm	RSL 2
Opel Astra TCR	17 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2
Peugeot 308 TCR	17 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2
Seat Leon TCR	15 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2
Subaru Impreza TCR	17 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2
Volkswagen Golf TCR	16 -	1539	25 mm	RSL 1	1363	15 mm	RSL 2

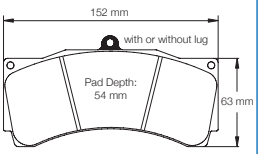
Shape No.: 1363 | Thickness: 15 mm



Shape No.: 1539 | Thickness: 25 mm

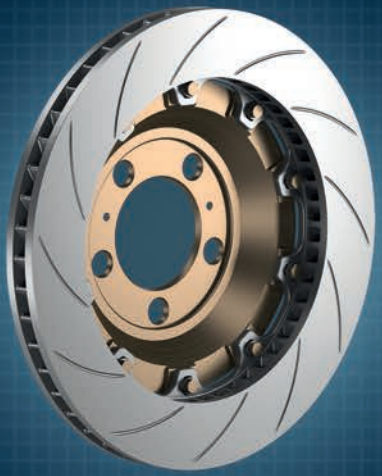


Shape No.: 1904 | Thickness: 18 mm



Rookie: friendly response
Pro: aggressive response

PAGID RBD
RACING BRAKE DISCS



- MINIMUM WEIGHT
- OPTIMIZED WEAR CHARACTERISTICS
- CRACK RESISTANCE
- COOLING PERFORMANCE
- IDEAL MOUNTING BELL
- ADAPTED TO PURPOSE APPROPRIATE NUMBERS OF GROOVES

CREATING SYNERGY DESERVES AN OPTIMIZED PARTNERSHIP

An uncompromising and highly efficient partnership between brake pad and brake disc – this was the development criteria for our PAGID Racing brake disc. Under this aspect the full characteristics were developed and set up for the intended purpose.

Strict quality controls during a long development process result in a high performance racing brake disc, optimized for weight, cooling performance and crack resistance. In conjunction with our brake pads our products create a highly efficient “brake team”.

The modular design allows in most cases the use of either the lightweight version (for sprint races or rally), or the endurance version with the same hat (bell) for the specific vehicle applications.

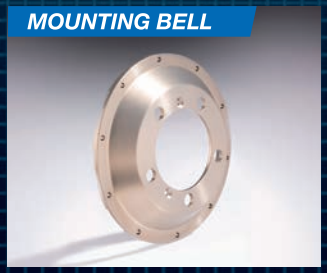
DESIGN FEATURES

- Floating connection between bobbin and disc eliminates wear on the hard anodized hat and makes it re-usable multiple times.
- Specially designed ventilation chamber to optimize the thermal exchange rate between disc and cooling airflow.
- The surface finish (groove pattern) has been developed in combination with PAGID Racing brake pads for best system performance and wear characteristics.
- Airflow onto the outside friction face is achieved through the proper sized openings in the connection flange to the disc.

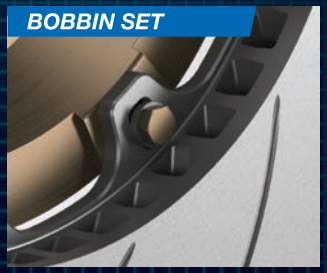
THE PAGID RACING BRAKE DISC CONSISTS OF 3 PERFECTLY MATCHED PARTS ASSEMBLED BY HAND

DISC

MOUNTING BELL



BOBBIN SET



AVAILABLE ASSEMBLED DISCS / COMPLETE PACKAGES: DISC, MOUNTING BELL, BOBBIN SET FOR TCR VEHICLES

Vehicle Manufacturer	Vehicle Type	Race Application	Axle	Side	Outside Diameter	Thick-ness	Part Number Brake Disc	Part Number Mounting Bell	Part Number Bobbin Set	Part Number Assembly
Audi	RS3 LMS TT Cup	Sprint/ Endurance	Front	Left	378	34	ED378340101	EB378120101	SA100120201	SD378340101
				Right	378	34	ED378340201			SD378340201
Opel	Astra TCR	Sprint/ Endurance	Front	Left	378	34	ED378340101	EB378120201	SA100120201	SD378340301
				Right	378	34	ED378340201			SD378340401
Seat	Leon TCR	Sprint/ Endurance	Front	Left	378	34	ED378340101	EB378120101	SA100120201	SD378340101
				Right	378	34	ED378340201			SD378340201
Volks-wagen	Golf TCR	Sprint/ Endurance	Front	Left	378	34	ED378340101	EB378120101	SA100120201	SD378340101
				Right	378	34	ED378340201			SD378340201

Quality and Performance

MAXIMUM PERFORMANCE

We are proud of the performances of our products and are the absolute benchmark in many areas. For us performance means coordination of the product characteristics friction level, fade resistance, disc wear and modulation.

100 % QUALITY

All PAGID Racing products are produced using the most modern technical procedures. Our uncompromising production requirements provide consistent quality at the highest level.

SAFETY

Safety is our top priority. Early in the development of our products we set absolute priorities. For example, the brass studs that are welded to the base plate provide a much stronger anchoring of the friction material to the base plate – even under the most extreme conditions.

TRUST & SUCCESS

For decades our worldwide partners and teams have trusted our products and every year have been rewarded with numerous victories and championships. There have been some races where more than half the participants have competed using our products. Performance creates trust!

TEST & INNOVATION

Our products are constantly subjected to the most challenging real world test – not only to guarantee consistent performance and durability, but also to continuously refine and develop our products in lab testing, we use our computer-assisted systems to duplicate the toughest tests on different race courses all over the world.

BEDDING IN SERVICE

Our racing brake pads and discs are available "ready to race", perfectly bedded-in on our dedicated computerized system.

OE COMPETENCE

Our efficiency is also documented by numerous original equipment partnerships. Besides, manufacturers like Aston Martin and Mazda rely on our performances and reliability.