

BRAID



www.braid.es

braid@braid.es

The Fullrace and its technology is a compendium of all Braid's experience in competition through the years, incorporating the latest technological advances.

The Flowcast technology allows a suitable arrangement of the aluminium alloy structure increasing its mechanical characteristics, resulting in a lighter wheel, more resistant, and much higher capacity of deformation at very strong impact, avoiding cracks.

The advanced microwave profile on the inner rim flange developed by Finite Elements increases the stiffness of this area, while the work of computer aided design is completed with dimensional optimization of the spokes adding extra strength.

In short, it's a technological cutting-edge wheel with less weight and strong resistance.



FULLRACE B
7" x 14"
Gravel, Rally raid

FULLRACE N
5" x 15"
Snow, Ice

FULLRACE TR
6" x 15"
Gravel, Tarmac

FULLRACE TA
6 1/2" x 15",
New 7" x 15" **NEW!!!**
Tarmac

FULLRACE T ACROPOLIS
6 1/2" x 15", 7" x 15"
Gravel



FULLRACE MAXLIGHT
7" x 15", 8" x 15"
Tarmac, Circuit

FULLRACE A
7" x 16" Tarmac
8" x 16"
Tarmac, Rallycross

FULLRACE T DAKAR
7" x 16"
Gravel, Raid 4x4

FULLRACE R
7" x 17"
Tarmac

FULLRACE A
7" x 17", 8" x 17"
8" x 18", **New 9" x 18"** **NEW!!!**
Tarmac, Circuit

BRAID



FULLRACE AC
10" x 18", 11" x 18"
Tarmac, Circuit

FULLRACE A RALLYCROSS
8" x 17", 8" x 18"
Irregular tarmac, Rallycross



FULLRACE A
Twin PCD option



FULLRACE A
Lightweight option

Available in all Fullrace sizes



Fullrace FlowForming

flowforming technology



FULLRACE FF
Tarmac, Circuit

Flow Forming is the most advanced cast manufacturing technology to enter our racing wheel catalogue which involves the application of pressure on the inner rim of the wheel while spinning after it has been cast.

This process stretches and compresses the aluminium, increasing tensile strength and resulting in a cast wheel with properties near to those found in a forged wheel.

The final wheel is lighter, stronger, with increased elongation to absorb greater impacts without breaking, as well as an increased load capacity over regular cast wheels.

Resuming, BRAID's Fullrace FF is a unique solution to a common enigma, how to make a wheel both very light and very strong.

Sizes: From 8" x 18" to 13" x 18" in 1/2" by 1/2"

TCT Monoblock

The TCT (Techno Cast Technology) is a manufacturing technique only available in BRAID. It consist in develop and fabricate cast wheels (Fullrace & Winrace), in standard PCD holes or central nut fixing, in low quantity batches, without need of large orders, in very short time. It is manufactured under order only. Available in diameter 13" to 18" and many different width and offsets.



BRAID

Winrace

Monoblock wheel specially designed for competition. It is made with light alloy aluminium, heat treated for maximum resistance and low weight, and accurately CNC machined to the required specifications. These are provided with steel washers at the PCD fixing holes to resist continues wear, and with direct centering holes.



New!!!

WINRACE A

New 6" x 13", 7" x 13", 8 1/2" x 13"
Tarmac, Circuit

WINRACE TA

6" x 14"
Tarmac, Gravel

WINRACE N

5" x 16"
Snow, Ice

WINRACE N LARS

5 1/2" x 16"
Snow, Ice

WINRACE A

6 1/2" x 16", 7 1/2" x 16"
Tarmac



Forged I



The Forged concept is the ultimate and peak of our racing wheels technology, surpassing the most stringent manufacturing knowledge, for an even higher performance, driving dynamic and structural integrity.

The mechanical and physical element characteristics of a forged wheel are equally distributed throughout, on a molecular level, resulting in far greater strength and stiff with extremely weight reduction, improving immensely the performance of the wheel when faced with impacts and high levels of load stress.

Forged GT

Forged Five

Forged Seven



Sizes:
 Diameter:
 13" to 22"
 Width: 4 1/2" to 15"
 in 1/2" by 1/2"



Forged Rallycross

Forged I Rally



It is an Ultra-Light wheel to comply with FIA Rallycross Championship minimum weight requirement, maintaining high stiff and durability to endure the exceptional and hardest rallycross demands.
 Size: 8"x17"



With hollow and spherical milling spokes in I-Beam structural shape to increase its resistance, and reinforced for rally requirements to have higher performance keeping the ultra-low weight characteristics of a forged wheel.
 Sizes: from 8"x18" to 13"x18"
 in 1/2" by 1/2"

Cast Forged 13" Concept

Continued involvement with leading edge technology and race performance is enabling us to rapidly increase the range of competition wheels covering many of today's demanding applications.

This new technology Made-in-Braid, combines simultaneously Cast and Forged technologies exploiting both method advantages, interacting the best of each techniques to create a technological advanced wheel.

The Finite Elements and Computer Aided Design helped us to increase the stiffness and to reduce the weight, optimizing this new wheel without compromising the strength.

Sizes: from 4"x13" to 15"x13" in 1/2" by 1/2"



BRAID



Serie 1R

Serie 1FR

Serie 1FMR



Serie 6R

Serie 6FR

Serie 6FMR

3 part wheels made in light aluminium alloy with heat treatment. All widths and offsets possible.

Sizes:
Diameter: 13" to 22"
Width: 4 1/2" to 15"



Serie GT
Diameter: 16", 17", 18".
Width: 4 1/2" to 15".

Classic Concept



Serie 1RC

Serie 2RC

Serie 4RC

Sizes: Diameter: 10", 13", 14", 15". Width: 4 1/2" to 15"

3 Parts Concept

BRAID



FULLRACE T DAKAR 7"x16"
Gravel, Raid 4x4



FULLRACE T 6 1/2"x15", 7"x15"
Gravel, Raid 4x4



WINRACE T 7"x16"
Gravel, Raid 4x4



WINRACE T 7 1/2"x17"
Gravel, Raid 4x4



SERIE 1 R-3 pieces
Gravel, Raid 4x4



SERIE 1 R-2 pieces
Gravel, Raid 4x4



Forged 4x4



New!!!

BRAID's heritage and engineering delivers the latest Forged 4x4 wheels made from aerospace grade forged aluminium alloys and optimized for performance and durability. Forged 4x4 wheels are lighter and stronger than regular cast wheels, and do not have any "voids" or air pockets that weaken the aluminium structure. Designed, engineered, and manufactured to and for high standard races. These are truly the pinnacle in strength-to-weight ratios.

Sizes: from diameter 17" to 22" and many different widths.

4x4 Concept

Buggy Concept



FULLRACE B 7"x14"
Gravel, Rally Raid



WINRACE TA 6"x14"
Gravel, Rally Raid



FULLRACE T ACROPOLIS
6 1/2"x15", 7"x15"
Gravel, Rally Raid



FULLRACE TA
6 1/2"x15", **New 7"x15"** **New!!!**
Gravel, Rally Raid



While maintaining all necessary structural integrity, we've been able to remove unwanted weight bringing you a Buggy Concept Wheel that means success with timeless and clean multi-spoke design. FEA testings ensures that these wheels may be light, but it will stand up to impacts just as well as all other BRAID wheels.



Kart Cross Concept



TENRACE+
5" x 10" (3+2), 6" x 10" (3+3)



TENRACE+
8"x10" (3+5)



TENRACE+
8"x10" (6+2)

Beadlock System

The BRAID Beadlock System is the premier ready-to-race option, as it is the lightest and fastest system to mount and dismount tires. It is a technology developed for our competition wheels intended to run on extreme conditions such as dirt or sand, with reduced pressure inside the tire. Its purposes are to prevent the tire to rotate on the rim and to secure the tire bead blocking it to jump over the well.



BRAID

Formula Racing

BRAID delivers the latest in Formula Racing wheel designs, composites, rigid testing's that must pass stringent standards, and manufacturing process, such as Spin-Forging Technology to improve considerably the material properties and strength of the wheels.

These are very lightweighted wheels, from only 2,8Kgs approx., specially designed for formula racing cars with low weight, on circuit competition. These are indeed, the wheels to use when costs matter, without compromising strength and weight ratios.



New!!!



CM RACE 10"/13"



FORMRACE 13"



WINRACE 13"



CASTFORGED 13"

Formula Student

Innovation is a core value of BRAID WHEELS. The company has been involved in the Formula Student, Europe's most established educational motorsport competition, giving the students and young engineer graduates the opportunity to face real-life professional situations, offering our expertise and guidance, and helping them to choose the best wheels available for their needs, such as the Sturace Wheels.



The FSAE wheels are aluminium made, specially designed, developed and manufactured for and to Formula Student Competition vehicles. These wheels are made in size 10" and size 13", in any specification, with maximum weight reduction to meet the FSAE technical and lightweight requirements.



TENRACE+ FSAE 10"



STURACE 10"



STURACE 13"



WINRACE FSAE 13"

BZ Concept

Specially manufactured to fit classic and modern Porsche 911's, maintaining the essential of a classic design. Thanks to its engineering and details, the BZ take its place as a full-fledged member of our collection, completed with racing DNA, and high quality standards typical of all our wheels. These wheels are available in diameter 15", 16", 17" and 18", in multiple widths and offset.



BZ 15"



BZ 16"



BZ 17"



BZ 18"



Painted rim finish

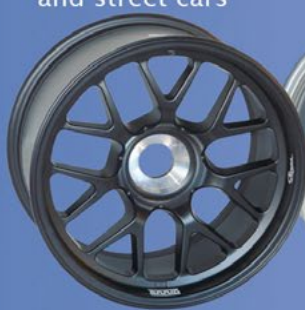


RSR finish



Special Order

High-performance solution to those customers who wants an exclusive designs, applied for racing and street cars



BP



BLM



BR



Forged BF



BG

Colours & Complements



For more information
www.braid.es
braid@braid.es

facebook.com/braidwheels
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BRAID



www.braid.es

braid@braid.es