



BBS **UNLIMITED**

BBS UNLIMITED
**PUSHING
LIMITATIONS
AWAY!**

WWW.BBS-USA.COM



YOU ARE WHAT YOU WEAR - AND THAT ALSO APPLIES TO CARS.

Wheels are technically complex and offer various design possibilities. BBS devoted itself to that exact kind of complexity with the intent to simplify it with components that are optimized in all respects. With this unique system we offer the perfect wheel for every demand – no matter if used for daily drives, tuning vehicles, or an individual vehicle project.

Consisting of a base wheel, hub adapters with matching bolt circles and different widths, vehicle- and rim-specific centering rings and mounting material our BBS Unlimited light-alloy wheels fit almost every car. Because of various hub adapter widths, it is even possible to flexibly customize the offset.

By the way, there are no limits when choosing the right look: With BBS Unlimited the wheels can be designed according to your taste. Numerous wheel colors can be individually combined with different rim protections, center caps, valve caps or wheel bolts.

The perfect wheel for every demand – guaranteed in the excellent kind of quality you know from BBS - “Made in Germany”!

Have fun configuring your own unique BBS Unlimited wheel!

Your BBS Team.



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BBS UNLIMITED: DEVELOPMENT & FEATURES

Due to numerous wheel sizes, offsets, hub drillings, designs, colors, and many more aspects, the purchase of a wheelset is often combined with limitations and compromises. Especially if you're looking for a wheel with a certain dimension for a project vehicle or niche car. This problem now belongs to the past.

BBS Unlimited ...

- ✓ ...combines several wheel components with a completely new wheel hub which offers the perfect wheel for every demand and every car.
- ✓ ...stands for almost infinite wheel system possibilities



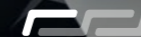
BBS Unlimited stands for an almost infinite amount of options the wheel system offers.

The four main features are already embodied in our logo:



**UNLIMITED
DIMENSIONS**

Numerous wheel diameters, wheel widths and concavities, individually combinable for front and rear axle.



**UNLIMITED
FIT**

Only a few base components offer a **range of applications and combination options as never seen before**, as well as a flexible adaption of the wheel offset – **at any time!**



**UNLIMITED
STYLE**

Countless customization options, no matter if wheel color, rim protector, center caps, valve caps or titanium wheel bolts.



**UNLIMITED
VALUE**

The investment pays off! BBS Unlimited wheels can be used on other cars easily by just changing a few components.

FUNCTIONALITY OVERVIEW



BBS Unlimited consists out of:

- 1 Base Wheel
- 2 Hub Adapter
- 3 Centering Rings
- 4 Installation Hardware



- ✓ The hub adapter is equipped with a vehicle specific centering ring
- ✓ The hub adapter is bolted to the wheel hub by using short headed wheel bolt or wheel nuts
- ✓ A wheel centering ring is placed in the center of the base wheel
- ✓ The base wheel is bolt to the hub adapter by using BBS Unlimited wheel bolts

Almost all vehicles with 5-hole mounting and several other requirements can be served with BBS Unlimited.

UNLIMITED DIMENSIONS: BASE WHEELS



Numerous Versions Available:

Wheel Widths:
8.0", 8.5", 9.0",
9.5", 10.0", 10.5",
11.0", 11.5", 12.0"

Wheel Diameters:
19", 20", 21"

Concavities:
1, 2, 3,
later on also
Concavity 0



Characteristics of the Base Wheels:

- ✓ Produced in the Flow-Forming method
- ✓ BBS specific bolt pattern of 5x117,5 mm
- ✓ Consistent hub diameter of \varnothing 70 mm
- ✓ Consistent flange diameter
- ✓ Bolt pattern from 5x100 mm up to 5x130 mm are covered
- ✓ Currently available in the CI-R design, further Flow-Forming designs will follow (e.g. CC-R and CH-R II)

UNLIMITED DIMENSIONS: **BASE WHEELS**

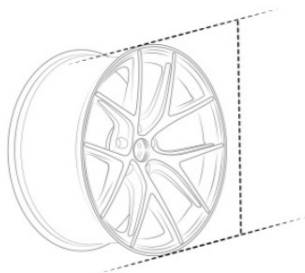


Unlimited Dimensions briefly explained

Wheel Diameters, Wheel Widths and Concavities

1. Wheel Diameters

The wheel size, given in inches, indicates the wheel diameter. The same applies here: 1 inch = 2,54 cm
In the example: 8.5x20 ET38 concave 1



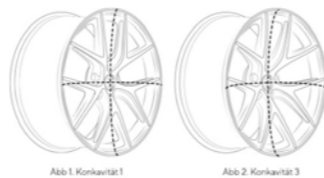
2. Wheel widths

The internal width indicates the wheel width inch to (1 inch = 2,54 cm). In the example: 8.5 x 20 ET38 concave 1



3. Concavity

The concavity indicates, how much the wheel is bent to the inside. There are three different concavities right now: Concave 1, Concave 2, Concave 3



UNLIMITED FIT: **HUB ADAPTERS**



BBS Unlimited are available in following versions:

✓ **10 bolt patterns:** 5x100, 5x108, 5x110, 5x112, 5x114,3, 5x115, 5x120, 5x120.65, 5x127, 5x130

✓ **10 widths:** 14 mm, 17 mm, 20 mm, 23 mm, 26 mm, 30 mm, 35 mm, 40 mm, 45 mm und 50 mm per wheel in precise 3 mm or 5 mm increments

Different widths enable **individual offset adjustments at any time!**





1 Rim-side centering rings

For centering the wheel on the hub adapter

- ✓ Available in the diameters 70/77 millimeters and 70/68 millimeters

2 Vehicle-specific centering rings

For centering the wheel on the hub adapter

- ✓ Available in 17 vehicle-specific hub diameters



BBS Unlimited centering rings are characterized by numerous benefits:

- ✓ Precise centering on the wheel hub
- ✓ Made from high-quality polyamide material
- ✓ Temperature resistant up to 240°C
- ✓ Prevents from corrosion on wheel hub and hub adapter
- ✓ Wear-resistant



Secure Fit
thanks to click noses

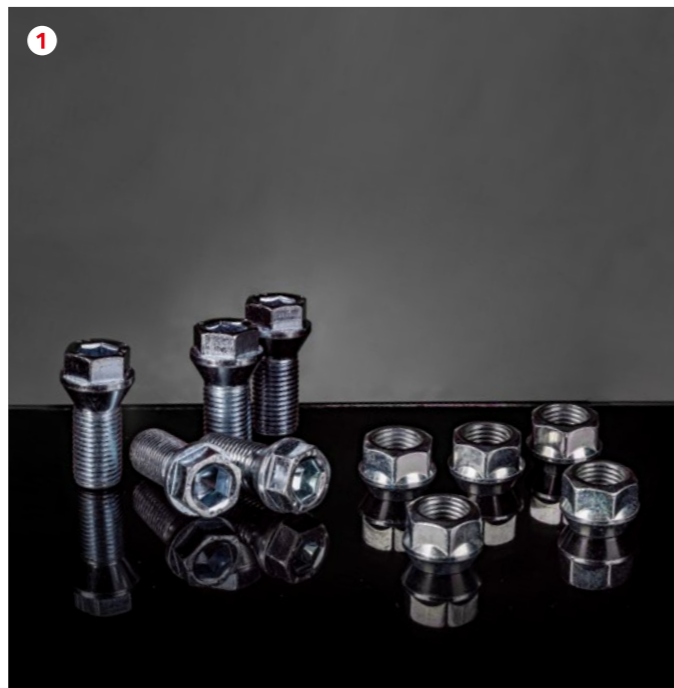
Perfect Centering
Thanks to a conical shape and nubs for tolerance compensation

1 Hub connection bolts

- ✓ Short head wheel bolts or nuts to mount the hub adapter to the wheel hub of the car
- ✓ Available in the thread sizes: M12x1.5, M12x1.25, M14x1.5, M14x1.25 und ½" UNF

2 BBS Unlimited wheel bolts

- ✓ Wheel bolts made of steel (black and silver) or titanium
- ✓ M14x1.5 thread size
- ✓ Mounting with help of internal serration prevents damage of the tires while assembling / dismantling
- ✓ Loose cone collar of 60° balances tolerances and ensures constant surface pressure



- ✓ High-quality titanium design
- ✓ Longevity without loss in quality → Wheel bolts can still be used after several years of usage
- ✓ Significant weight savings

BBS Unlimited wheel bolts can only be used in combination with BBS Unlimited wheels!

UNLIMITED STYLE: IT'S TIME TO INDIVIDUALIZE YOUR BBS UNLIMITED WHEEL



COLORS AND SURFACES

BBS Unlimited light-alloy wheels are not only available in many colors and surfaces but can also be further individualized to your desires and needs. Accessories such as rim protection, valve caps, or center caps are available in many different designs and can be combined individually.

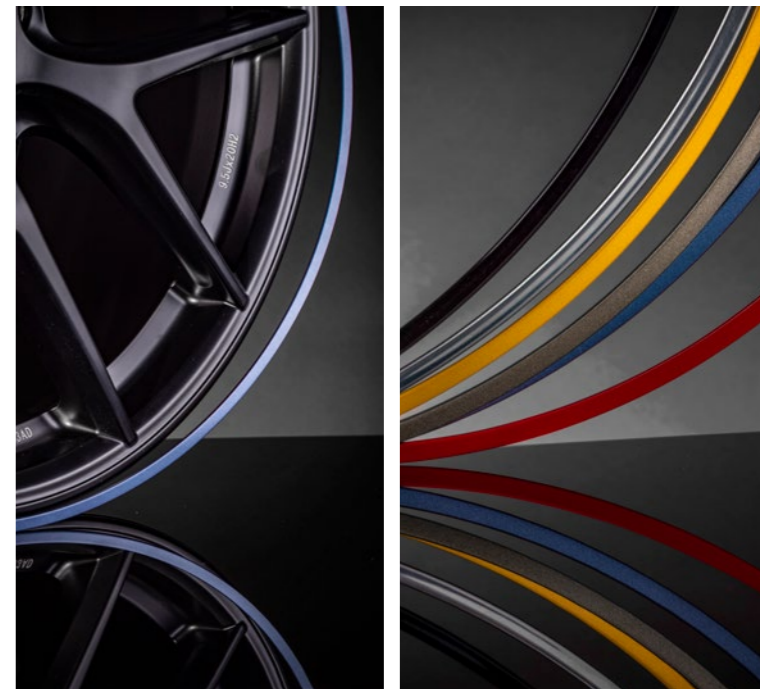


UNLIMITED STYLE: RIM PROTECTION



ADDITIONAL COLOR OPTIONS FOR RIM PROTECTORS

- ✓ Available colors: black, red, blue, bronze, stainless steel, gold
- ✓ The BBS Rim Protectors **proved protection** against e.g. curbing damage
- ✓ Rim Protectors can be **changed easily**, even after the wheels have been installed.



UNLIMITED STYLE: 2D CENTER CAPS



BBS wheel center caps are available in different colors and a 2D or 3D embossed BBS logo. Furthermore, we offer floating center caps that ensure that the BBS logo is always in the right position.

NUMEROUS VERSIONS OF CENTER CAPS WITH 2D LOGO (SYMBOL DISC)

Diameters: 56 mm, 70.6 mm

Background black
BBS Logo in different wheel colors



UNLIMITED STYLE: 3D CENTER CAPS



BBS wheel center caps are available in different colors and a 2D or 3D embossed BBS logo. Furthermore, we offer floating center caps that ensure that the BBS logo is always in the right position.

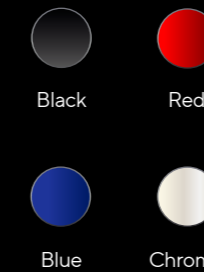
NUMEROUS VERSIONS OF CENTER CAPS WITH 3D LOGO (SYMBOL DISC)

Diameters: 56 mm, 70.6 mm

Background black
3D BBS Logo in different wheel colors



3D BBS Logo in Silver/Chrome or Grey/White background in different colors



Also available as **floating center caps** with **3D embossed BBS logo**.



UNLIMITED STYLE: VALVE CAPS



NUMEROUS VERSIONS OF VALVE CAPS

Even the smallest details such as valve caps can be customized to fit your wheel. BBS valve caps are available in the colors Bronze, Blue, Silver, Gold Red, and Black. Every valve cap is equipped with a lasered 3D BBS logo.



UNLIMITED STYLE: TITANIUM WHEEL BOLTS



HIGH-QUALITY TITANIUM BOLTS

BBS Unlimited wheel bolts are available in titanium or steel bolts. BBS titanium wheel bolts are distinctive in:

- ✓ Longevity without quality loss:
Titanium wheel bolts can be used for many years without having to exchange them
- ✓ Significant weight savings in comparison to conventional wheel bolts





BBS UNLIMITED VALUE

BBS wheels convince with their quality and their value stability.
This way, the investment in BBS Unlimited wheels
pays off even more.

- ✓ Changing hub adapters and vehicle-specific centering rings, the BBS base wheel can be fitted on your next car
- ✓ High-quality components (for example titanium wheel bolts) can be further used



YOUR BENEFITS WITH BBS UNLIMITED



In comparison to tightly drilled wheels, our BBS Unlimited system offers a variety of benefits.

Unlimited Applications

- ✓ More wheel applications possible, even for niche vehicles
- ✓ The perfect wheel for every demand, no matter whether...



... you're looking for wheels **with ABE** and a beautiful design that is close to **series production**



... you're looking for a wheel for your **lowered car** that fits perfectly in the wheel housing



you're looking for **maximum wheel dimensions** for your project vehicle and a \$21 registration does not pose an obstacle

Unlimited Fitments



- ✓ BBS wheels are available in many more wheel widths than others offer
- ✓ Wheel widths and concavities can be individually combined at the front and rear axle
- ✓ Almost every offset is possible
- ✓ Offset can be adjusted flexibly in the aftermath

Unlimited Dimensions



A combination of different wheel sizes and offsets can create applications for front and rear staggered fitments or squared fitments.

Unlimited Style

- ✓ Every BBS Unlimited wheel is available in numerous colors. Special colors are also possible
- ✓ Never-ending styles thanks to individual combinations of add-on-parts (rim protection, wheel hubs, etc.)

Unlimited Value



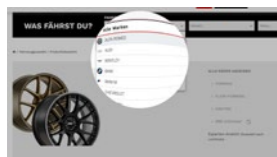
Investments in high-quality wheelsets consisting of performance brand tires and BBS wheels are secured with our new system. With exchanging of the mounting parts the assembling of the wheelset to future vehicles is possible.

WHEEL CONFIGURATION IN THE BBS UNLIMITED SHOP



This is how you configure your BBS Unlimited wheel:

Step 1
Select your car



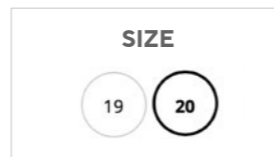
Step 2
Select a BBS Unlimited wheel



Step 3
Choose a wheel color



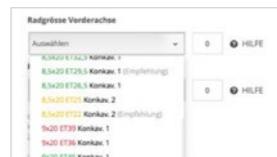
Step 4
Choose the wheel diameter



Step 5
If needed, select the type of authorization and installation effort



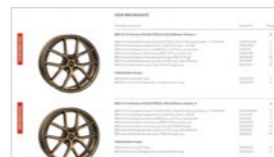
Step 6
Choose the wheel dimensions for front and rear axles



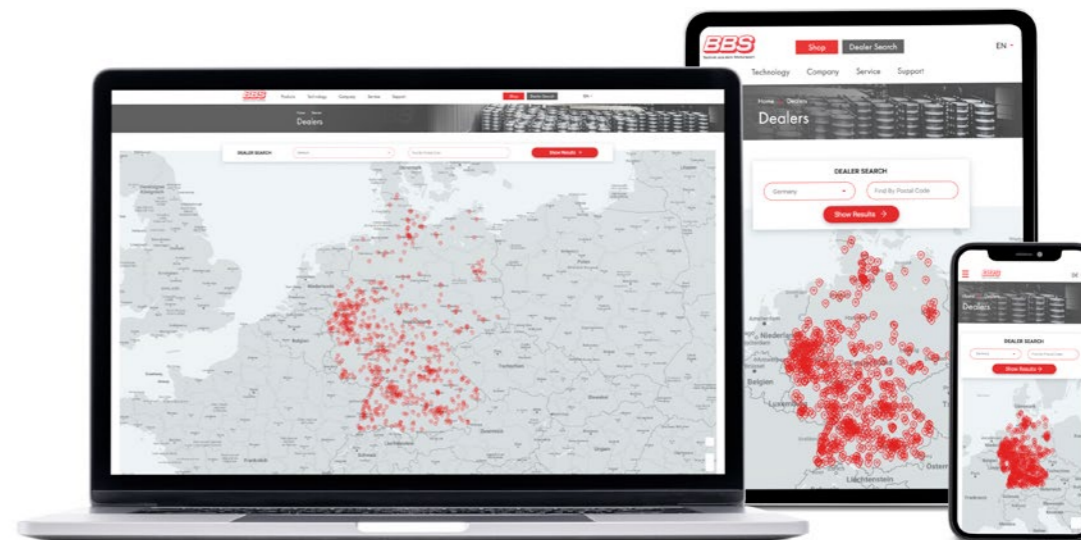
Step 7
Customize your wheel, rim protector, center caps, wheel bolts and valve caps



Step 8
Order your BBS Unlimited wheels!



As an alternative, our wheel sets can be purchased and installed at retail partners. On our website, with help of the dealer directory, you can find an overview of all of our BBS Unlimited Sales & Service Points and BBS Unlimited Expert Service & Fitment Points.



WWW.BBS-USA.COM/ROAD_WHEELS/-SEARCH



DO YOU HAVE QUESTIONS?

Feel free to contact us personally,
we will be happy to advise you on all topics relating to BBS Unlimited.

 1-800-422-7972

 sales@bbs-usa.com



WWW.BBS-USA.COM