

# 20 26

## MTB CATALOG

**Miranda**  
The European Bike Fundamentals.



Miranda & Irmão, established in 1950, has a rich legacy and extensive expertise, honed over the decades through a journey that began with complementary bicycle components in the 50s, the motorcycle industry in the early 70s and culminated in bicycle components again in the late 80s. Today, Miranda is a leading manufacturer of bicycle components, recognized for its unparalleled reliability, quality, and design excellence. The company's commitment to innovation and research and development has resulted in numerous awards and recognition as one of the largest companies investing in innovation and international IP, within Portugal.

As a cutting-edge, industry-leading company, Miranda leverages the latest in Industry 4.0 technology and innovative manufacturing techniques to continuously optimize its production processes and workflows. The company's world-class factory is one of the most advanced in the industry, boasting a footprint of over 30000 sqm and near 100% control over its production processes. This control allows Miranda to continuously experiment with new approaches and test new materials and techniques, resulting in unique, high-quality solutions. Additionally, the company's commitment to environmental preservation is demonstrated through its use of 100% renewable electricity and its focus on reducing waste and investing in energy-efficient machinery.

Miranda's strategic location, less than an hour from a major airport and sea port in Porto and within 3 hours of a plane ride to the center of Europe, further strengthens its competitive advantage. The company's technical know-how is supported by its own World Class Professional Teams, who test and refine its solutions through rigorous competition. In 2020, Miranda was the World Champion in the first ever global e-Bike competition, with its athletes consistently taking the podium in the following years.

A large, stylized white logo for 'Miranda' is positioned at the bottom of the page. The letters are bold and modern, with the 'M' being particularly prominent. The logo is set against a solid red background that occupies the bottom third of the page.



The company's commitment to excellence is reflected in its rapid response to customer needs and its ability to produce high-quality, value-added solutions that are tailored to meet their specific requirements. Miranda's lead times are market-leading, a result of its substantial investment in manufacturing capacities and its ability to rapidly understand and solve problems in a cost-effective manner.

As a bicycle components leader with established "green" manufacturing practices, Miranda is paving the way for the bicycle industry around the world. Our commitment to constantly improve and deliver exceptional products is unwavering and we are here to serve you.

# miranda





Cranksets with  
a single chainring



Cranksets with  
dual chainrings



Cranksets with  
three chainrings



Interchangeable  
cranksets parts



Cranksets with  
integrated axle



ISIS Interface  
Standard



JIS square taper  
Standard



BNI Interface for  
Bosch Gen3



Dual side Screws  
Shimano Interface



Dual side Screws  
Shimano Interface  
for EP Drive Units



Fazua RIDE 60  
Interface



Dual side Screws  
Bafang Interface for  
M420, M500, M600  
and M800



with CHAINFLOW Technology

Titanium Crankset



Interchangeable  
cranksets parts

## CRANKSET



Bottom Bracket  
BSA 68/73 with  
24/22 Size



Bottom Bracket  
BSA 68/73 with  
24/24 Size



Bottom Bracket  
Pressfit with  
24/22 Size



Bottom Bracket  
Pressfit with  
24/24 Size

## BOTTOM BRACKETS



Economical chainring option



Bi-dimensional  
Anti-chaindrop control



Shifting without  
Drops



Carbon Nanoscaled  
Coating



Tri-dimensional  
Anti-chaindrop control  
9-10-11-12 speed



Tri-dimensional Anti-chaindrop  
control specific for Shimano  
Hyperglide+ and DLC 12 KMC



Tri-dimensional Anti-chaindrop  
control specific for 13 speed  
EKAR C13 Campagnolo

## CHAINRINGS TECHNOLOGY



Easy and fast  
Installation



Durable and resistant  
Carbon reinforced


## SEAT POST

## CABLE CLAMPS



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Whether you're an avid trail enthusiast or a professional rider, our comprehensive range of MTB bike parts is designed to enhance your off-road experience and take your performance to new heights.

Located in Águeda, Portugal, our state-of-the-art production facilities are dedicated to crafting high-quality components that meet the demands of rugged terrains. We understand the challenges faced by mountain bikers, and that's why we go the extra mile to deliver products that excel in durability, precision, and performance.

As a responsible company, we are committed to sustainability. We actively strive to reduce our environmental impact and promote eco-friendly practices. That's why we incorporate recycled materials into our manufacturing process, that uses 100% green electricity, ensuring that our products not only perform exceptionally but also contribute to a greener future for mountain biking.

At Miranda, we believe in pushing boundaries and embracing innovation. Our team of engineers and designers are passionate about creating cutting-edge solutions that meet the evolving needs of the mountain biking community. From lightweight and robust cranksets to reliable chainrings and chainguards, our MTB bike parts are built to withstand the most demanding trails and offer optimal riding conditions.

With Miranda MTB bike parts, customization is key. While our catalogue provides you with a range of components featuring standard specifications, we also offer the option for proprietary designs. This allows bike manufacturers and enthusiasts to personalize their rides, tailoring the components to their unique preferences and requirements.

Whether you're tackling technical descents, conquering challenging climbs, or exploring new trails, Miranda Bike Parts is here to provide you with the highest quality MTB bike components.

# MTE SOLUTIONS





# CRANK

## MODELS

### **The Ultimate Properties of our Cold-Forged Aluminium Bike Cranks: An Engineering Marvel**

Our bike cranks have been designed with a single purpose in mind: to eliminate any and all weak points in their structure. The use of proprietary cold-forging techniques, along with a carefully crafted composition of materials, has allowed us to create cranks that are not only lightweight, but also incredibly resistant to fatigue and high-impact stress. Also, are environmentally friendly, since we use recycled aluminium and 100% green electricity to produce them.

Moreover, the use of advanced computational simulations and extensive real-world testing has allowed us to fine-tune the design of the cranks to ensure that they perform at the highest level possible. The result is a product that is not only lightweight, but also incredibly durable and reliable, making it an ideal choice for bike enthusiasts who demand the best performance from their equipment.

The cold-forging process involves subjecting the aluminium to intense pressure and temperature, which not only strengthens the material, but also refines its microstructure to create a more homogeneous and consistent structure. Our process has several advantages, since we do it uniquely and in a fully automatic way, keeping the properties of material always stable, ensuring the highest quality standards. Our process, made entirely in Portugal, allows our cranks to be more resistant to fatigue and high-impact stress.

If you're looking for cranks that are strong, reliable and built to last, look no further than our bike cranks.



# CARBON CRANKS



## SPECIFICATIONS

REF. 001

### Interface



### Length (mm)

150 . 155 . 160 . 165 . 170

### Weight (g)

141

### Finishes

Standard



CRANK Q-FACTORS	A	B	C	D
Q:8	8,5 mm	28,6 mm	10,5 mm	22,2 mm
Q:8-FB	8,5 mm	32,2 mm	13,5 mm	25,2 mm
55Q:8	8,5 mm	34 mm	16 mm	27,7 mm

\*crank (ISIS 165/Q:8) without bolt

### Lightweight Design Excellence

Our engineering team has expertly aligned the carbon fibers to optimize the properties, resulting in a carbon fiber e-crank that sets the standard in both design and weight. Experience the pinnacle of engineering and enjoy the benefits of our ultra-light e-crank, designed and manufactured in Portugal.

### Superior Strength and Durability

Our carbon fiber e-bike cranks have been engineered to deliver ultimate performance. Featuring a crash-resistant carbon fiber composite and expertly designed material composition, our cranks provide an unmatched strength-to-weight ratio. Choose the best and upgrade your e-bike with our top-of-the-line carbon fiber cranks.

Delta

REF. 003

MGreen



Material  
Aluminium

Length (mm)  
150 . 152 . 155 . 160  
165 . 170 . 172,5 . 175

Weight (g)\*  
245

Finishes\*\*  
Standard  
Polished  
Diamant  
Double Diamant  
Pearl  
Plus  
Inline  
Inline Plus  
Graphic  
HD

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:8FB	8,1 mm	30,1 mm	13,5 mm	25,2 mm
Q:16	16,1 mm	27,1 mm	10,5 mm	30,2 mm
55Q:16	16,1 mm	32,6 mm	16 mm	35,7 mm
Q:16-UC	16,1 mm	38,9 mm	22,3 mm	42 mm
Q:19	19,1 mm	27,1 mm	10,5 mm	33,2 mm
Q:21FB	21,1 mm	30,1 mm	13,5 mm	38,2 mm
55Q:21	21,1 mm	32,6 mm	16 mm	40,7 mm
Q:29,5-UC	29,6 mm	38,9 mm	22,3 mm	55,5 mm
55Q:29,5	29,6 mm	32,6 mm	16 mm	49,2 mm
Q:35	35,1 mm	27,1 mm	10,5 mm	49,2 mm
55Q:35	35,1 mm	32,6 mm	16 mm	54,7 mm
Q:38	38,1 mm	27,1 mm	10,5 mm	52,2 mm

\*crank (ISIS 170/Q:16) without bolt  
\*\*samples of the finishes on page 37

Epsilon

REF. 005



Material  
Aluminium

Length (mm)  
165 . 170 .175

Weight (g)\*  
201

Finishes\*\*  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
55Q:8	8 mm	32,7 mm	12,5 mm	27,7 mm
Q:16	16 mm	27,2 mm	10,5 mm	30,2 mm
55Q:21	21,1 mm	32,6 mm	16 mm	40,7 mm
Q:35	35,1 mm	27,1 mm	10,5 mm	49,2 mm

\*crank (ISIS 165/Q:8) without bolt  
\*\*samples of the finishes on page 37

Kappa

REF.006



Material  
Aluminium

Length (mm)  
150 . 155 . 160  
170 . 175

Weight (g)\*  
227

Finishes\*\*  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:16	16,1 mm	27,1 mm	10,5 mm	30,2 mm
Q:21	21,1 mm	27,1 mm	10,5 mm	35,2 mm
Q:35	35,1 mm	27,1 mm	10,5 mm	49,2 mm

\*crank (ISIS 170/Q:0) without bolt  
\*\*samples of the finishes on page 37

Sigma

REF. 008



Material  
Aluminium

Length (mm)  
160 . 165 .170

Weight (g)\*  
250

Finishes\*\*  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:12	12,1 mm	27,1 mm	10,5 mm	26,2 mm
Q:16	16,1 mm	27,1 mm	10,5 mm	30,2 mm

\*crank (ISIS 170/Q:16) without bolt  
\*\*samples of the finishes on page 37

Kies

REF. 009



Material  
Aluminium

Length (mm)  
160 . 165 .170

Weight (g)\*  
240

Finishes\*\*  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:12	12,1 mm	27,1 mm	10,5 mm	26,2 mm

\*crank (ISIS 170/Q:16) without bolt  
\*\*samples of the finishes on page 37

Omega

REF. 007



Material  
Aluminium

Length (mm)  
150 . 152 . 155  
160 . 165 . 170

Weight (g)\*  
222

Finishes\*\*  
Standard  
Polished  
Diamant  
Double Diamant

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:16	16 mm	27,2 mm	10,5 mm	30,2 mm

\*crank (ISIS 160/Q:16) without bolt  
\*\*samples of the finishes on page 37

Tethys

REF. 013



Material  
Aluminium

Length (mm)  
150 . 152 . 155  
160 . 165 . 170

Weight (g)\*  
240

Finishes\*\*  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:0	0 mm	27,1 mm	10,5 mm	14,1 mm
Q:4	4 mm	27,1 mm	10,5 mm	18,1 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:16	16 mm	27,2 mm	10,5 mm	30,2 mm

\*crank (ISIS 170/Q:16) without bolt  
\*\*samples of the finishes on page 37

# Mithos

REF. 019



**Material**  
Aluminium

**Length (mm)**  
150 . 155  
165 . 170

**Weight (g)\***  
179

**Finishes\*\***  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:2	2,1 mm	27,1 mm	10,5 mm	16,2 mm
Q:8	8,1 mm	27,1 mm	10,5 mm	22,2 mm
Q:12	12,1 mm	27,1 mm	10,5 mm	26,2 mm

\*crank (ISIS 170/Q:2) without bolt  
\*\*samples of the finishes on page 37

# Virage

REF. 020



**Material**  
Aluminium

**Length (mm)**  
165 . 170  
172,5 . 175

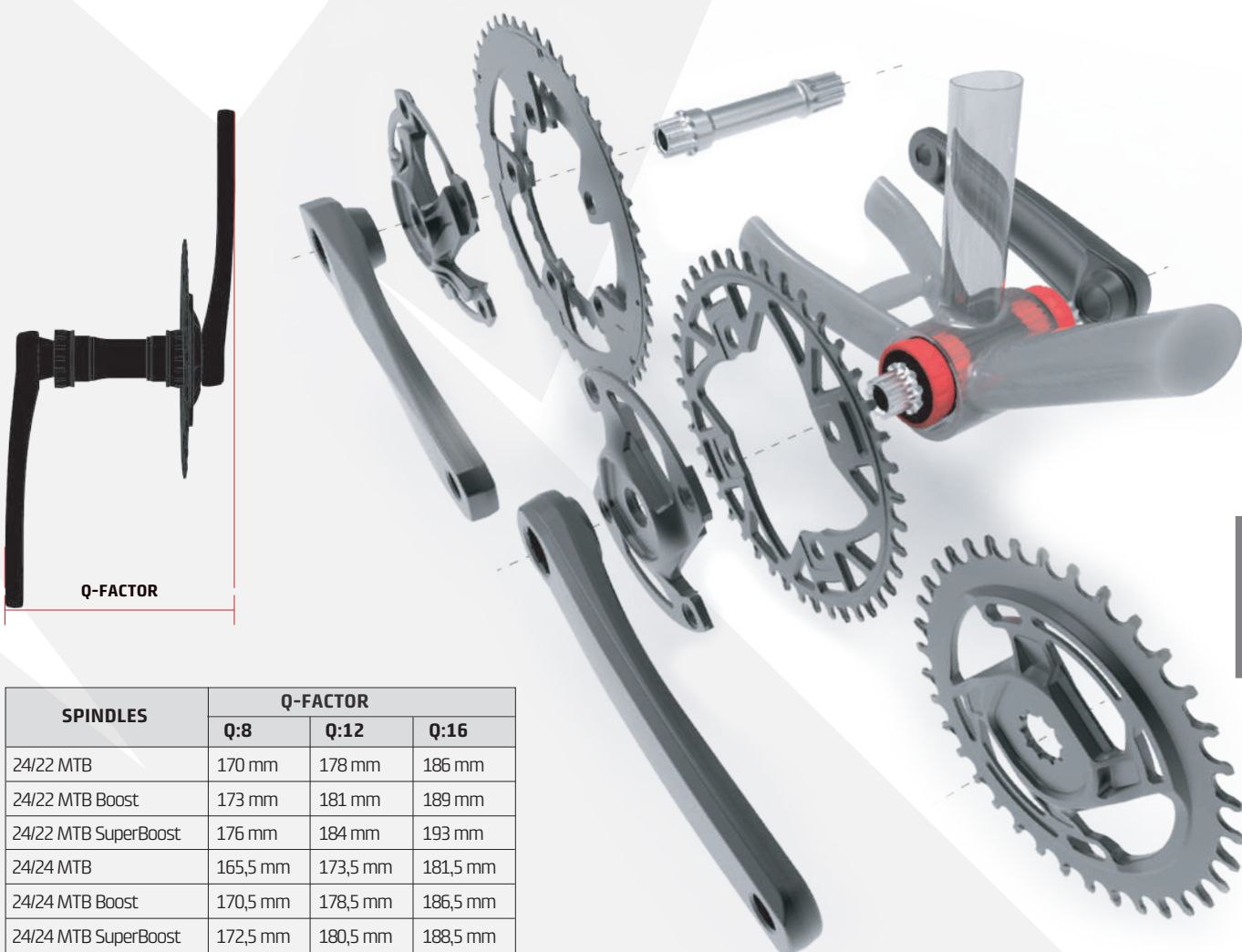
**Weight (g)\***  
200

**Finishes\*\***  
Standard

CRANK Q-FACTORS	A	B	C	D
Q:12	12,1 mm	27,1 mm	10,5 mm	26,2 mm

\*crank (ISIS 170/Q:12) without bolt  
\*\*samples of the finishes on page 37

**Miranda**  
**XMOD**  
MTB



SPINDLES	Q-FACTOR		
	Q:8	Q:12	Q:16
24/22 MTB	170 mm	178 mm	186 mm
24/22 MTB Boost	173 mm	181 mm	189 mm
24/22 MTB SuperBoost	176 mm	184 mm	193 mm
24/24 MTB	165,5 mm	173,5 mm	181,5 mm
24/24 MTB Boost	170,5 mm	178,5 mm	186,5 mm
24/24 MTB SuperBoost	172,5 mm	180,5 mm	188,5 mm
22/24 DOWNHILL 83mm	183,5 mm	191,5 mm	199,5 mm

## Crankset XMOD BB30 Mithos Spiderless GR

In order to choose tooth type please check chain compatibility in page 40  
Other cranks from page 7 to 14

Any sizes, finishes and Q-factors by request

\*other chainlines available by request

\*\*with 32T Chainring



### SPECIFICATIONS REF. 725

**Material**  
Aluminium

**Teeth**  
30T to 36T

**Chainline (mm)\***  
Standard - 48

**Weight (g)\*\***  
690

**Finishes**  
Standard



## Crankset XMOD Kappa CF3D

In order to choose tooth type please check chain compatibility in page 40

Other cranks from page 7 to 14

Any sizes, finishes and Q-factors by request

\*other chainlines available by request

\*\*with 32T Chainring



### SPECIFICATIONS REF. 721

**Material**  
Aluminium

**Teeth**  
32T to 38T

**Chainline (mm)\***  
Standard - 48

**Weight (g)\*\***  
714

**Finishes**  
Standard



## Crankset XMOD Kappa Spiderless CF3D

In order to choose tooth type please check chain compatibility in page 40

Other cranks from page 7 to 14

Any sizes, finishes and Q-factors by request

\*other chainlines available by request

\*\*with 32T Direct mount



### SPECIFICATIONS REF. 722

**Material**  
Aluminium

**Teeth**  
32T to 36T

**Chainline (mm)\***  
Standard - 48

**Weight (g)**  
648

**Finishes**  
Standard



## Crankset XMOD Sigma Spiderless CF3D D2

In order to choose tooth type please check chain compatibility in page 40

Other cranks from page 7 to 14

Any sizes, finishes and Q-factors by request

\*other chainlines available by request



### SPECIFICATIONS

REF. 723

**Material**  
Aluminium

**Teeth**  
34T

**Chainline (mm)\***  
Standard - 48

**Weight (g)**  
679

**Finishes**  
Standard

XMOD



## Crankset XMOD Kies Spiderless CF3D D3

In order to choose tooth type please check chain compatibility in page 40

Other cranks from page 7 to 14

Any sizes, finishes and Q-factors by request

\*other chainlines available by request



### SPECIFICATIONS

REF. 724

**Material**  
Aluminium

**Teeth**  
34T

**Chainline (mm)\***  
Standard - 48

**Weight (g)**  
692

**Finishes**  
Standard



# SPIDERS



## Spider XM BCD104



### SPECIFICATIONS REF. 159

**BCD**  
104

**Material**  
Aluminium

**Weight (g)**  
84

**Finishes\***  
Standard

Chainlines available by request

\* other colors and finishes available by request

SPINDLES	FRAME SHEEL	SPACER** DRIVER SIDE	SPACER** LEFT SIDE	CL Single* (inside)	CL Single* (outside)	CL Double	BOTTOM BRACKET
24/22 DOWNHILL	83 mm	-----	-----	56,5 mm	63,5 mm	60,5 mm	Miranda GXP
24/22 MTB	68 mm	2	-----	50,5 mm	57,5 mm	54,5 mm	Miranda GXP
24/22 MTB	68 mm	-----	2	45,5 mm	52,5 mm	49,5 mm	Miranda GXP
24/22 MTB	68 mm	1	1	48 mm	55 mm	52 mm	Miranda GXP
24/22 MTB BOOST	68 mm	2	1	51 mm	58 mm	55 mm	Miranda GXP
24/22 MTB BOOST	68 mm	1	2	48,5 mm	55,5 mm	52,5 mm	Miranda GXP
24/22 MTB SUPERBOOST	68 mm	2	1	54 mm	61 mm	58 mm	Miranda GXP
24/22 MTB SUPERBOOST	68 mm	1	2	51,5 mm	58,5 mm	55,5 mm	Miranda GXP
24/24 MTB	68 mm	2	-----	49,5 mm	56 mm	53 mm	Miranda 24/24 MTB
24/24 MTB	68 mm	1	1	47 mm	53,5 mm	51,5 mm	Miranda 24/24 MTB
24/24 MTB	68 mm	-----	2	44,5 mm	51 mm	48 mm	Miranda 24/24 MTB
24/24 MTB BOOST	68 mm	2	1	52 mm	58,5 mm	55,5 mm	Miranda 24/24 MTB
24/24 MTB BOOST	68 mm	1	2	49,5 mm	56 mm	53 mm	Miranda 24/24 MTB
24/24 MTB SUPERBOOST	68 mm	2	1	54,8 mm	61,5 mm	58,5 mm	Miranda 24/24 MTB
24/24 MTB SUPERBOOST	68 mm	1	2	52,5 mm	59 mm	56 mm	Miranda 24/24 MTB

In order to choose your spindle ckeck page 23

\*chainlines measured with chainwheel CF3D / other chainlines available by request

\*\*2,5mm spacer

## Spider BCD104/64



### SPECIFICATIONS

REF. 164

#### BCD

110/64

#### Material

Aluminium

#### Weight (g)

95

#### Finishes\*

Standard

Chainlines available by request  
\* other colors and finishes available by request

## Spider BCD88



### SPECIFICATIONS

REF. 164

#### BCD

110/64

#### Material

Aluminium

#### Weight (g)

95

#### Finishes\*

Standard

Chainlines available by request  
\* other colors and finishes available by request

## Spider GR 104/64



### SPECIFICATIONS

REF. 163

#### BCD

104/64

#### Material

Aluminium

#### Weight (g)

122

#### Finishes\*

Standard

## DIRECT MOUNTS



### Direct Mount CF3D



\* other sizes available by request

\*\* with 32T Direct mount

In order to choose tooth type please check chain compatibility in page 40

#### SPECIFICATIONS

REF. 303

**Material**  
Aluminium

**Teeth\***  
28T to 36T

**Weight (g)\*\***  
76

**Finishes**  
Standard

### Direct Mount CF3D Steel



\* other sizes available by request

\*\* with 32T Direct mount

In order to choose tooth type please check chain compatibility in page 40

#### SPECIFICATIONS

REF. 303

**Material**  
Steel

**Teeth\***  
30T and 32T to 36T

**Weight (g)\*\***  
145

**Finishes**  
Standard

## Oval Direct Mount CF3D



\* other sizes available by request

\*\* with 32T Chainring

In order to choose tooth type please check chain compatibility in page 40

### SPECIFICATIONS

REF. 301

**Material**  
Aluminium

**Teeth\***  
32T to 36T

**Weight (g)\*\***  
93

**Finishes\***  
Standard

XMOD

## Spiderless XMOD CF3D GR

**NEW**



In order to choose tooth type please check chain compatibility in page 40

Chainlines available by request

\* other colors and finishes available by request

\*\*\* with 40T Direct mount

### SPECIFICATIONS

REF. 224

**Material**  
Aluminium

**Size**  
30 to 36T

**Weight (g)\*\***  
146

**Finishes\***  
Standard

# SPINDLES

## 24/22 DOWNHILL 83mm



REF. 521  
Material  
Titanium

Length (mm)  
145,5

Weight (g)  
115

DOWNHILL

## 24/22 MTB



REF. 510  
Material  
Titanium

Length (mm)  
132

Weight (g)  
147

MTB

## 24/22 MTB ECO



REF. 511  
Material  
Steel

Length (mm)  
132

Weight (g)  
256

MTB

## 24/22 MTB Boost



REF. 512  
Material  
Titanium

Length (mm)  
135

Weight (g)  
98

MTB BOOST

## 24/22 MTB Boost ECO

**NEW**



REF. 513  
Material  
Steel

Length (mm)  
135  
  
Weight (g)  
173

MTB BOOST

## 24/22 MTB SuperBoost



REF. 514  
Material  
Titanium

Length (mm)  
138  
  
Weight (g)  
116

SUPERBOOST

## 24/24 MTB

**NEW**



REF. 506  
Material  
Titanium

Length (mm)  
128,5  
  
Weight (g)  
112

MTB

## 24/24 MTB ECO

**NEW**



REF. 507  
Material  
Steel

Length (mm)  
128,5  
  
Weight (g)  
196

MTB

## 24/24 MTB Boost



REF. 508  
Material  
Titanium

Length (mm)  
133,4  
  
Weight (g)  
116

MTB BOOST

## 24/24 MTB Boost ECO

**NEW**



REF. 509  
Material  
Steel

Length (mm)  
133,4  
  
Weight (g)  
203

MTB BOOST

## 24/24 MTB SuperBoost



REF. 514  
Material  
Titanium

Length (mm)  
136,4  
  
Weight (g)  
122

SUPERBOOST

## 24/24 MTB SuperBoost ECO

**NEW**



REF. 515  
Material  
Steel

Length (mm)  
136,4  
  
Weight (g)  
214

SUPERBOOST



# MGreen

The MGreen Crankset is a revolutionary product designed with sustainability and innovation at its core. Crafted from the principles of ecodesign, this patented system stands as a pioneering alternative to traditional cranksets commonly found in the market.

What sets the MGreen Crankset apart is its unique design that allows the separation of its two primary components: the chainring, constructed from durable steel, and the crank arm, forged from lightweight aluminium. This innovative feature deviates from the conventional clamped cranksets, offering a range of benefits that align with our commitment to sustainability.

In the event of a component failure, this design allows for the replacement of only the damaged part, significantly reducing waste by preserving the part that remains in good condition. Furthermore, when the crankset reaches the end of its life cycle, the ability to separate its components simplifies the recycling process. By facilitating the easy segregation of the two different materials - steel and aluminium - we ensure a more efficient and environmentally conscious recycling method.

The MGreen Crankset is not merely a component of a bicycle; it's a testament to our dedication towards creating products that respect and protect our environment. With every MGreen Crankset you choose, you are investing in a future where cycling and sustainability go hand in hand.

# Crankset MGreen Delta CF3D

In order to choose tooth type please check chain compatibility in page 40  
Any sizes, finishes, Q-factors and chainlines by request  
\* other sizes available by request  
\*\* With 34T Direct mount



**SPECIFICATIONS**  
REF. 701

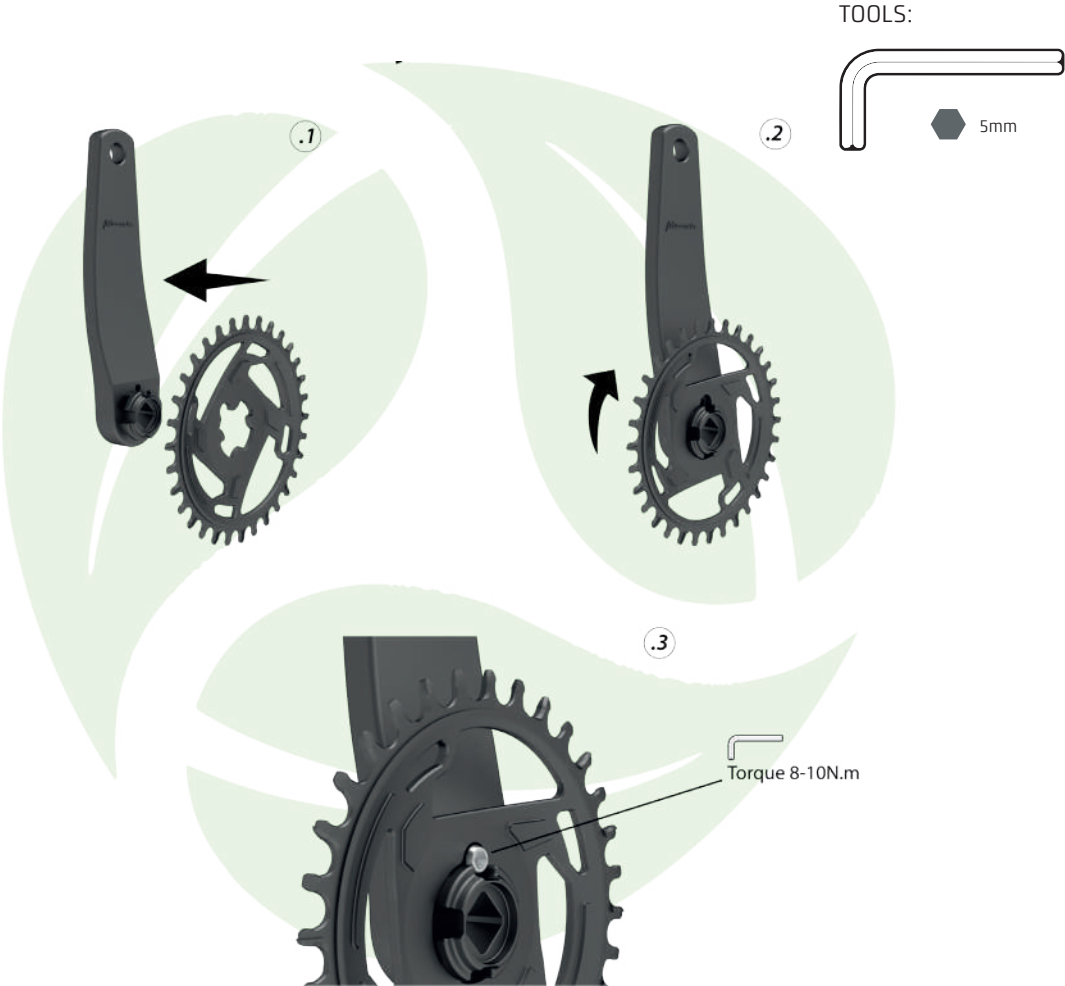
**Material**  
Aluminium Alloy  
Steel

**Teeth\***  
28T to 36T

**Weight (g)\*\***  
741

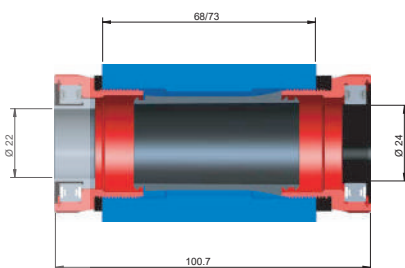
**Finishes**  
Standard

## ASSEMBLY INSTRUCTIONS



# BOTTOM BRACKETS

## Miranda - GXP® compatible



### SPECIFICATIONS

REF. 600

**Frame type**

BSA 68/73

**Weight (g)**

112

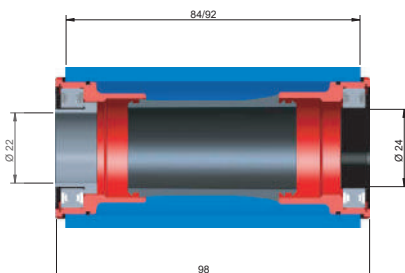
**Size**

24/22

**Material**

Aluminium

## Miranda Pressfit



### SPECIFICATIONS

REF. 601

**Frame type**

Press Fit

**Weight (g)**

99

**Size**

24/22

**Material**

Aluminium

## BB30 Press Fit Adapter



### SPECIFICATIONS

REF. 602

**Weight (g)**

96

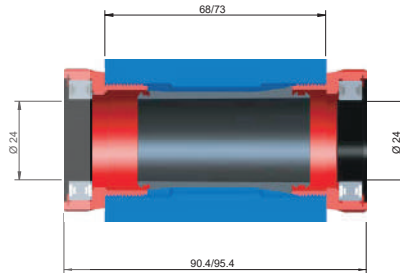
**Size**

24/22

**Material**

Aluminium

## Miranda 24/24 Road - compatible



### SPECIFICATIONS

REF. 603

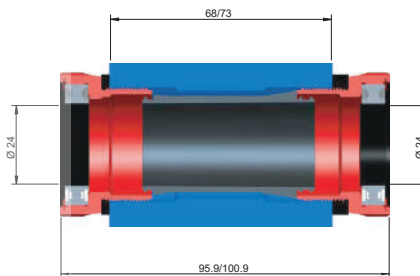
**Frame type**  
BSA 68/73

**Weight (g)**  
107

**Size**  
24/24

**Material**  
Aluminium

## Miranda 24/24 MTB - compatible



### SPECIFICATIONS

REF. 604

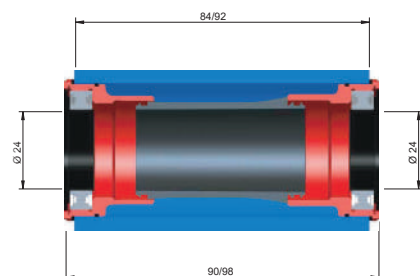
**Frame type**  
BSA 68/73

**Weight (g)**  
112

**Size**  
24/24

**Material**  
Aluminium

## Miranda Pressfit 24/24



### SPECIFICATIONS

REF. 605

**Frame type**  
Press Fit

**Weight (g)**  
99

**Size**  
24/24

**Material**  
Aluminium

## Delta 1R Spiderless CF3D

Other cranks from page 7 to 14  
Any sizes, finishes and Q-factors by request  
\* with 32T Direct mount



### SPECIFICATIONS

REF. 702

#### Chainring Material

Steel

#### Length (mm)

150 . 152 . 155 . 160

165 . 170 . 172,5 . 175

#### Weight (g)\*

814

#### Teeth

30T . 32T



# CRANKSET 1X

## Delta 1R Spiderless CF

In order to choose tooth type please check chain compatibility in page 40  
Other cranks from page 7 to 14  
Any sizes, finishes and Q-factors by request



### SPECIFICATIONS

REF. 703

**Chainring Material**  
Steel

**Length (mm)**  
150 . 152 . 155 . 160  
165 . 170 . 172,5 . 175

**Weight (g)**  
814

**Teeth**  
32T

## Lambda 1R Zeta CF3D Chainguard TJ

In order to choose tooth type please check chain compatibility in page 40  
Other cranks from page 7 to 14  
Any sizes, finishes and Q-factors by request  
\* with 32T Chainring



### SPECIFICATIONS

REF. 705

**Chainring Material**  
Steel

**Length (mm)**  
170

**BCD (mm)**  
104

**Weight (g)\***  
689

**Teeth**  
34T to 50T and 56T

## Beta 2R

In order to choose tooth type please check chain compatibility in page 40

Any sizes, finishes and Q-factors by request

Other cranks from page 7 to 14

\* with 28/40T Chainring



### SPECIFICATIONS

REF. 709

#### Chainring Material

Aluminium

#### Length (mm)

170 . 175

#### BCD (mm)

104

#### Weight (g)\*

862

#### Teeth

26/39T . 28/40T

36/48T



# CRANKSET 2X

# CRANKSET 3X



## SPECIFICATIONS

REF. 709

**Chainring Material**  
Steel

**Length (mm)**  
165 . 170 . 175

**BCD (mm)**  
104

**Weight (g)\***  
964

**Teeth**  
22/32/42T . 22/42/44T  
28/36/48T . 28/38/48T

In order to choose tooth type please check chain compatibility in page 40

Other cranks from page 7 to 14

Any sizes, finishes and Q-factors by request

\* with 22/32/42T Chainring



## Epsilon 3R

# CHAINRINGS

## Chainflow 3D BCD110



### SPECIFICATIONS

REF. 300

**Material**  
Aluminium

**Teeth\***  
34T to 50T

**Weight (g)**  
45 to 150

**Finishes**  
Anodized

\* other sizes available by request

In order to choose tooth type please check chain compatibility in page 40

## Chainflow 3D BCD104



### SPECIFICATIONS

REF. 301

**Material**  
Aluminium  
Steel

**Teeth\***  
32T to 52T and 56T

**Weight (g)\*\***  
47

**Finishes**  
Standard

\* other sizes available by request

\*\* with 32T Chainring

In order to choose tooth type please check chain compatibility in page 40

# Chainflow BCD104



\* other sizes available by request  
\*\* with 40T Chainring  
In order to choose tooth type please check chain compatibility in page 40

## SPECIFICATIONS REF. 302

**Material**  
Aluminium  
Steel

**Teeth\***  
32T to 44T and  
48T to 52T

**Weight (g)\*\***  
66

**Finishes**  
Standard

# Standard Chainring



\* other sizes available by request  
In order to choose tooth type please check chain compatibility in page 40

## SPECIFICATIONS REF. 303

**Material**  
Aluminium  
Steel

**Teeth\***  
32T to 52T and 56T

**Weight (g)**  
40 to 277

**Finishes**  
Standard

# Oval Direct Mount BCD88



\* other sizes available by request  
\*\* with 34T Chainring  
In order to choose tooth type please check chain compatibility in page 40

## SPECIFICATIONS REF. 302

**Material**  
Aluminium

**Teeth\***  
32T to 36T

**Weight (g)\*\***  
79

**Finishes**  
Standard

**CF3D**  
REF. 400

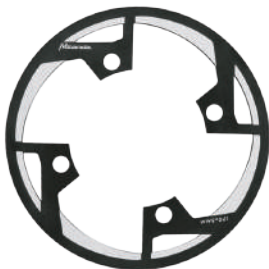


**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard

**TS GRAPHIC**  
REF. 402



**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard

**NW GRAPHIC**  
REF. 406



**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard

# CHAINGUARDS



At Miranda, we believe in the power of individuality and we understand that every bike manufacturer has unique needs and specifications. This is why we take pride in offering custom chainguard designs, enabling you to tailor our products to your exact requirements. Our custom-designed chainguards allow you to add a personal touch to each bike you create, ensuring a unique finish that sets your brand apart.

Crafted with high-quality materials, our chainguards promise durability and longevity, standing up to even the most rigorous riding conditions. Our commitment to precision and quality is unwavering, ensuring that every Miranda chainguard you choose is a testament to our dedication to excellence.

Whether you're catering to the needs of the urban commuter or the off-road explorer, there's a Miranda chainguard tailored to fit. Custom designs can also be developed by request, to give that distinct and unique look to the bicycle.

**TJ 2**  
REF. 410



**Material**  
Aluminium or  
Reinforced Nylon

**BCD**  
104

**Finishes**  
Standard

**TJ**  
REF. 403



**Material**  
Aluminium or  
Reinforced Nylon

**BCD**  
104

**Finishes**  
Standard

**ST CNC**  
REF. 404



**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard

**CF3D BCD110**  
REF. 401



**Material**  
Aluminium

**BCD**  
110

**Finishes**  
Standard

**TB GRAPHIC**  
REF. 405



**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard

**WR GRAPHIC**  
REF. 407



**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard

**SL**  
REF. 408



**Material**  
Aluminium or  
Reinforced Nylon

**BCD**  
104

**Finishes**  
Standard

**DOUBLE**  
REF. 409



**Material**  
Aluminium

**BCD**  
104

**Finishes**  
Standard



# SCREWS

## M14 Self extracting bolts

REF. 808

**Micanda**  
**X100**

**Material**  
Steel  
**Coating**  
Zinc-nickel



## Chainring screw and nuts

REF. 810

M8x0,75  
for chainring set  
or chainring+chainguard set

**Material**  
Stainless Steel



**M15**

REF. 804

**Material**  
Steel**Coating**  
Zinc-nickel

\*steel spindle

**M15 Self extracting bolts**

REF. 809

**Material**  
Steel**Coating**  
Zinc-nickel

\*steel spindle

**M12**

REF. 802

**Material**  
Steel**Coating**  
Zinc-nickel

\*aluminium spindle

**M12 Self extracting bolts**

REF. 807

**Material**  
Steel**Coating**  
Zinc-nickel

\*aluminium spindle

**M8**

REF. 800

**Material**  
Steel**Coating**  
Zinc-nickel**M8 Self extracting bolts**

REF. 805

**Material**  
Steel**Coating**  
Zinc-nickel

# FINISHES

## STANDARD (PAINTING)\*



## PEARL



## PLUS



## \*COLORS AVAILABLE

Other colors or personalized finishes by request

<b>Black</b> Smooth surface	<b>Anodized</b> Smooth surface	<b>Ocean blue</b> Smooth surface	<b>Red</b> Smooth surface
<b>Black textured</b> Textured surface	<b>Chrome painting</b> Smooth surface	<b>Sky blue</b> Smooth surface	<b>Coral red</b> Smooth surface
<b>Black granited</b> Rough surface	<b>Gray</b> Smooth surface	<b>Green</b> Smooth surface	<b>Metallic orange</b> Smooth surface
<b>White</b> Textured surface	<b>Champagne</b> Rough surface	<b>Pure green</b> Smooth surface	<b>Magenta</b> Smooth surface

## DIAMANT



# BELT LINE GUIDE

CODE	MANUFACTURER	DESCRIPTION	MODEL NUMBER	BELT LINE
EN-455	Enviolo	TR, SP, CA	132/142	45,5 mm
EN-487		SP	148 Boost	48,5 mm
SH-417	Shimano	Inter-SE	Di2	41,7 mm
SH-455			Mechanical	45,5 mm
SH-417		Nexus 8	Di2	41,7 mm
SH-455			Mechanical	45,5 mm
RO-547	Rohloff	500/14	132/142	54,7 mm

INLINE



POLISHED



DOUBLE DIAMANT



GRAPHIC








HD



INLINE PLUS



# CHAIN COMPATIBILITY

Tooth type					
Tooth name	STANDARD CHAINRINGS	CHAIN FLOW	CHAIN FLOW 3D	CHAIN FLOW 3D SE12	CHAIN FLOW 3D CE13
Recommended chain	All 7, 8, 9, and 10 speed chains	All 9, 10 and 11 speed chains	9, 10, and 11 speed chains, Sram Eagle 12 speed and Sram 12 speed Road KMC MTB	Designed for 12 speed Shimano Hyperglide+ and 12 speed DLC 12 KMC	Designed for 13 speed EKAR C13 Campagnolo
Not recommended	11 and 12 speed chain	12 and 13 speed chains	12 speed Shimano Hyperglide+ and 12 speed DLC 12 KMC and 13 speed chains	13 speed chains	-----

# 2026

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