

NISSAN



2018

EDITION



***THE BEST DECISION
YOU CAN MAKE***



XMOD

FULLY MODULAR BICYCLE CRANKSET

Quickly adapting to different kinds of trail will no longer be a challenge with this extreme crankset. Just choose the appropriate set of Spindle, Spider and Cranks from XMOD and swap them anytime you need.

XMOD is the world's first totally interchangeable crankset. Made of lightweight and durable materials, this crankset offers various combining possibilities, such as road, mountain, enduro, downhill, ROAD or trekking.

Another great feature is that XMOD is compatible with all other standard bike parts. So you have no limits to your choices.

The XMOD Crankset:

- Fully interchangeable parts
- Durable and lightweight material
- Fits any standard bicycle
- Long lasting solution
- Enables customization with no limits
- Fast swapping of parts



01.

02.

03.

Spindles

01. 24/22 MTB 68/73mm

Weight (g): 82g

Material: Titanium

02. 24/22 Downhill 83mm


Weight (g): 97g

Material: Titanium

03. BB30

Weight (g): 140g

Material: Titanium



**XMOD CRANKSET IS ONE OF
THE LIGHTEST SOLUTIONS IN
THE MARKET, PERFECT FOR
RIDING A MOUNTAIN BIKE.**

XMOD MTB

The set can be assembled without the spider, coming to a total weight of less than 425g., making it the lightest crankset in the world. Its direct mount chainring finishes off with a modular axle that fits all bottom bracket widths.



04.



05.



06.

XMOD

SPIDERS
MTB

04. BCD104

Weight (g): 84g

Material: Aluminium

05. BCD104/64

Weight (g): 102g

Material: Aluminium

06. BCD88

Weight (g): 66g

Material: Aluminium

Miranda

CHAINRINGS



07.

07. Oval Chainring

Weight (g): 79g
Sizes: 32t - 34t - 36t
BCD: 88mm
Material: Aluminium
1x11/12 Speed



08.

08. Chainflow Chainring

Weight (g): 41g
Sizes: 32t to 44t
BCD: 104mm
Material: Aluminium
1x11 Speed

09 Chainflow 3D Chainring

Weight (g): 45g
Sizes: 32t - 34t - 36t
38t - 40t - 42t - 44t
BCD: 104mm
Material: Aluminium
1x11/12 Speed



09.

10. Direct Mount Chainring with Chainflow 3D Technology

Weight (g): 100g
Sizes: 32t - 34t - 36t
BCD: 104mm
Material: Aluminium
1x11/12 Speed



10.

01.

Micanda



02.



Spindles

01. 24/22 Road 68mm
Weight (g): 80g
Material: Titanium

02. BB30
Weight (g): 162g
Material: Titanium

XMOD
ROAD

LIGHTWEIGHT, STABILITY AND
AGILITY TO ACHIEVE THE BEST
PERFORMANCE ON PAVED
SURFACES.



03.



XMOD

SPIDERS ROAD

Miranda



04.



05.

03. BCD110/110
Weight (g): 106g
Material: Aluminium

04. BCD110/74
Weight (g): 97g
Material: Aluminium

05. BCD130/130
Weight (g): 125g
Material: Aluminium

CHAINRINGS



06.



07.



06. Direct Mount Chainring

Size: 50/34t - 53/39t

Material: Aluminium

1x11 Speed

07. Double Chainring

Size: 46/36t - 50/34t - 53/39t

Material: Aluminium

1x11 Speed

08.



09.



10.



11.



CRANKS

08. Kappa

Weight (g): 209g

Material: Aluminium

LENGTH (mm): 170, 172,5, 175mm

Available: MTB and ROAD

09. Epsilon

Weight (g): 208g

Material: Aluminium

LENGTH (mm): 170, 175mm

Available: MTB

10. Zeta

Weight (g): 216g

Material: Aluminium

LENGTH (mm): 170mm

Available: MTB

11. Iota

Weight (g): 216g

Material: Aluminium

LENGTH (mm): 170, 175mm

Available: MTB



CRANKSET **INFINIUM™**

with CHAINFLOW® Technology

MIRANDA has developed INFINIUM under the perfect combination of premium materials and cutting edge technology. INFINIUM crankset is for sure the most advanced, durable and a true leader in performance and riding control.

It is also the first model to incorporate the exclusive ChainFlow technology that provides many advantages over narrow-wide profiles, with improved wear resistance, chain load distribution, chain guidance and an earlier and more controlled linking, for the best chain retention that will last for a long time.



BCD (MM) ●
88 • 104

● **LENGTH (MM)**
170 • 175

● **Weight (G)**
590 (28T)

● **AVAILABLE**
• Shimano or
SRAM BB interfaces
• Fat Bikes

● **Q-FACTOR (MM)**
166 • 182

**ALL BOLTS AND NUTS
USED IN INFINIUM
ARE TITANIUM ALLOY**

CHAINFLOW™ Technology is protected
under international patents issued
and pending





*Infinium parts
BB30 Adapter*

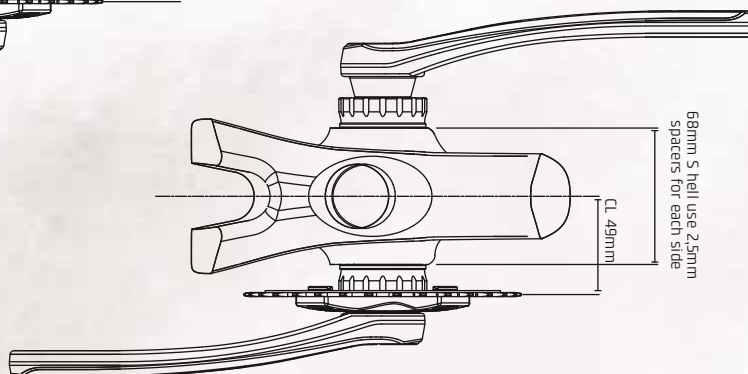
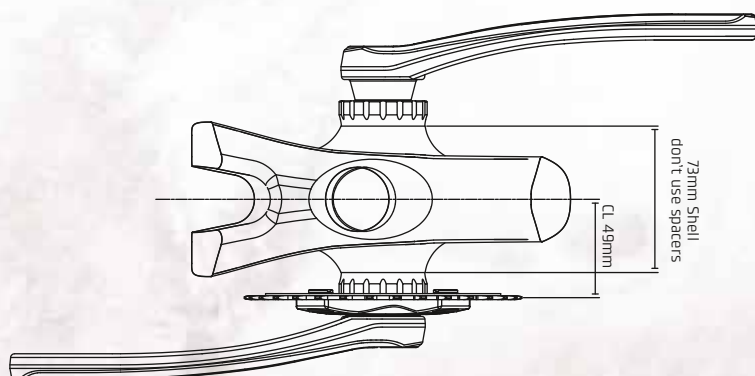


The chainrings are available with this technology in sizes from 28T to 44T

28t - 38t: BCD88
39t - 44t: BCD104



Titanium Screws



CHAINRING MATERIAL

Black Anodized
Aluminium Alloy

BCD (MM)

144

AVAILABLE FOR

1/8" chains

Weight (G)

803 (48T)



Track Crankset

TIMELAPSE™

Miranda Timelapse sets new standards of efficiency, stiffness and durability for dedicated track cranksets. With aerodynamic aesthetics and available for 1/8-inch chains, the strong titanium alloy chainring uses protective and low friction nano-layers that boost longevity and resilience, to make a difference when every second counts. Available with chainring sizes up to 58t, the design and premium materials ensure that even when a lot of force is applied, the flex in big sized chainrings is largely nullified. Titanium spindle, bolts and nuts contribute for the exceptional low weight of this crankset.

A close-up of a Timelapse PRO chainring and crankset. The chainring is yellow with black accents and the brand name 'Timelapse PRO' is visible. The crank arm is black with 'Timelapse' and 'Micaranda' branding.

TIMELAPSE™ **PRO**

CHAINRING MATERIAL
Titanium Alloy

BCD (MM)
144

AVAILABLE FOR
1/8" chains

Weight (G)
827 (48T)

A close-up of a Timelapse chainring and crankset. The chainring is silver with black accents and the brand name 'Timelapse' is visible. The crank arm is black with 'Timelapse' and 'Micaranda' branding.

TIMELAPSE™

LENGTH (MM)
170 • 175

CRANK ARM MATERIAL:
Cold Forged Aluminium Alloy

01. Delta 1R Inline Plus

02. Classic 1R
with CNC chainguard ST

03. Elegance 1
with cover

04. Delta 1R Hollowtube
with ChainFlow® Technology

05. Delta 1R Pearl Hollowcore Tube
with chainguard NW Graphic

06. Delta 1R Fixie Double Diamond

01.



CRANKSETS SINGLE

02.



03.



Available
with different cranks, chainrings, covers
and chainguards





Miranda



reddot design award
winner 2013



Miranda

01. XMOD ROAD

Size: 46/36t - 50/34t - 53/39t

Material: Aluminium
1x11 speed

02. XMOD ROAD Direct Mount

Size: 50/34t - 53/39t

Material: Aluminium
1x11 speed



01.



02.



CRANKSETS DOUBLE

Miranda

01.



CRANKSETS **TRIPLE**

01. Delta 3R Double Diamond
with CNC ring

02. Delta 3R Pearl
with Transparent PL Chainguard

03. Delta 3R Double Diamond
with CNC ring

04. Delta 3R Pearl
with Black PL Chainguard



02.



Miranda



03.



04.



01.



BELT

SYSTEM

02.



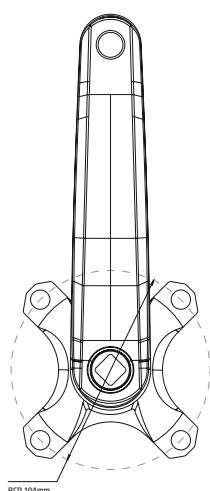
03.



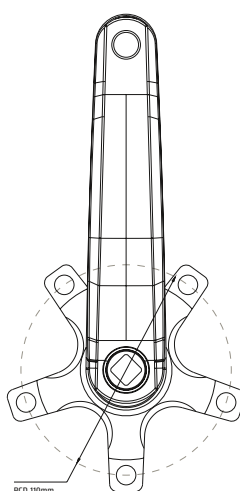
BELT SYSTEM

Code	Manufacturer	Description	Model Number	Belt Line
SH-436	Shimano	Alfine 11	SG-S700	43.6mm
SH-398	Shimano	Alfine 11 Di2	SG-S705	39.8mm
SH-436	Shimano	Alfine 8	SG-S501	43.6mm
SH-445	Shimano	Nexus 8	SG-8R36/8R31	44.5mm
SH-421	Shimano	Nexus 7	SG-7R46	42.1mm
SH-436	Shimano	Nexus 3	SG-3D55	43.8mm
SH-436	Shimano	Nexus 3	SG-3C41	43.0mm
SR-513	SRAM	G-Series	G8	51.3mm
SR-538	SRAM	E-Matic	All	53.8mm
SR-414	SRAM	Automatix	All	41.4mm
SR-436	SRAM	I-Motion 3	All	42.9mm
NU-455	NuVinci	CVP	N360	45.5mm
RO-547	Rohloff	CVP	500/14	54.7mm
PI-565	Pinion	Gearbox	P1.18	56.5mm
BO-436	Bosch	E-Bike Drive Unit	GEN 2 w/ Alfine	43.6mm
BO-455	Bosch	E-Bike Drive Unit	Gen 2 w/NuVinvi	45.5mm

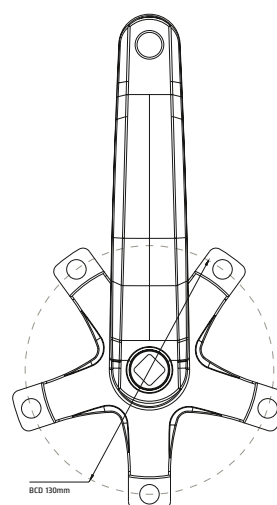
***Note:** Shimano, SRAM, NuVinci, Rohloff, Pinion, Alfine, Nexus, G-Series, E-Matic, Automatix, GXP, I-Motion 3, CVP, Gearbox, E-Bike Drive Unit, Bosch, Continental, Yamaha, Panasonic, Brose are registered brands and trademarks and are the property of their respective owners.



01. BCD 104



02. BCD 110



03. BCD 130

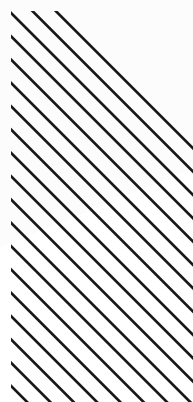
Available with
chainguard



BOTTOM BRACKET

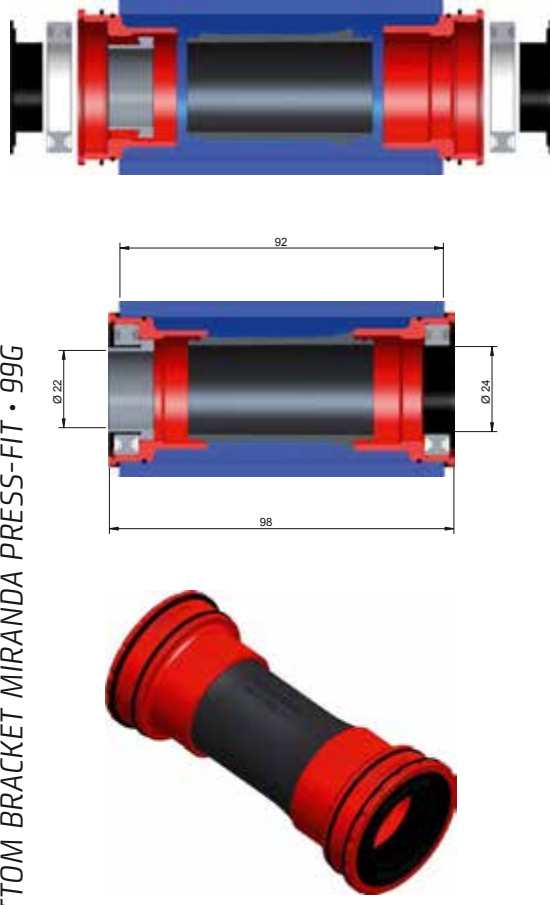


Miranda

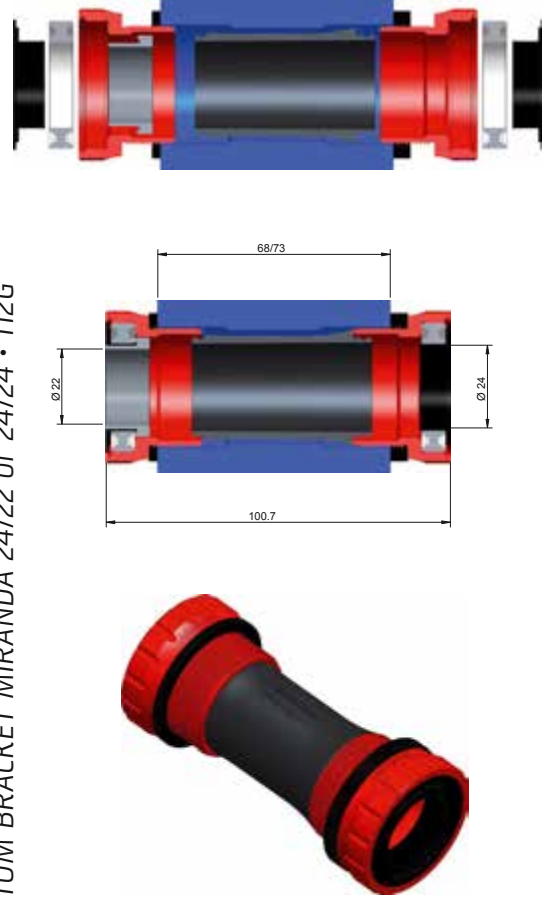




BOTTOM BRACKET MIRANDA PRESS-FIT • 99G



BOTTOM BRACKET MIRANDA 24/22 or 24/24 • 112G



Miranda



01.



02.



03.

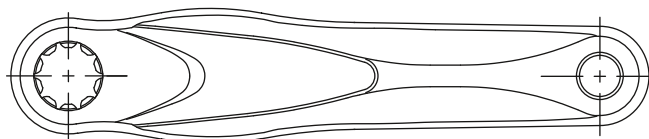


01.





ALFA



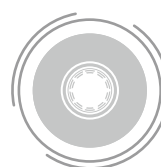
INTERFACE



ISIS



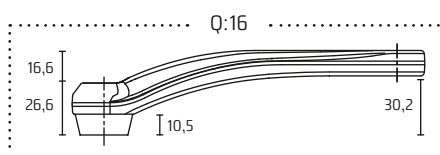
JIS



BNI

NEW

Q-FACTOR



LENGTH (MM)

170 • 175

Weight (G)

216

Miranda



02.



01.



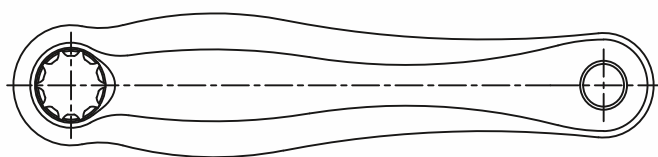
03.



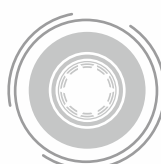
04.

FINISHES

- 01. Polished
- 02. Standard
- 03. Plus
- 04. Pearl



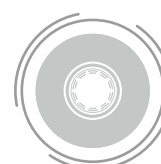
INTERFACE



ISIS



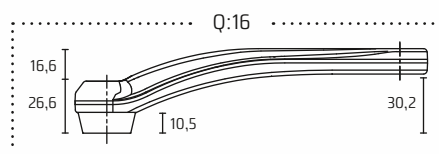
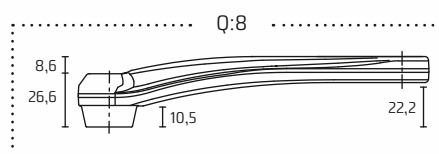
JIS



BNI

NEW

Q-FACTOR



LENGTH (MM)

170 • 175

Weight (G)

200

BETA



Miranda

01.

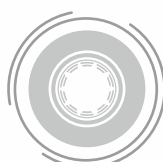
02.

FINISHES

- 01. Polished
- 02. Standard
- 03. Pearl
- 04. Plus

03.

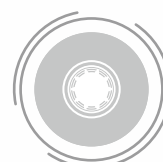
INTERFACE



ISIS



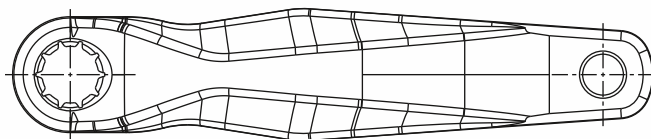
JIS



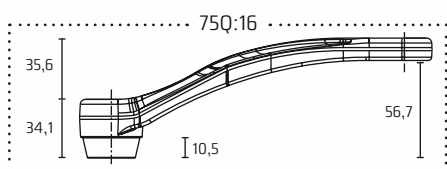
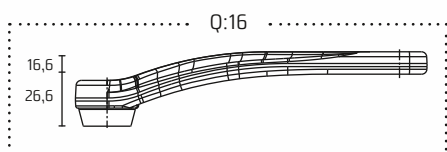
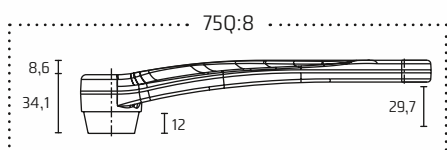
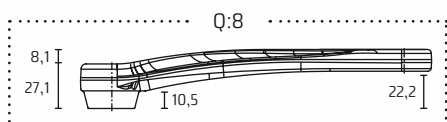
BNI

NEW

GAMMA



Q-FACTOR



LENGTH (MM)

170 • 175

Weight (G)

215



04.

Miranda

01.



02.



03.



04.



Weight (G)
210

LENGTH (MM)
150 • 152 • 155
160 • 165 • 170
175



DELTA

FINISHES

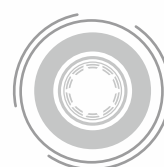
- 01. Inline Plus
- 02. Standard
- 03. Plus
- 04. Graphic
- 05. Inline



05.



INTERFACE



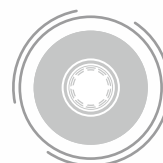
ISIS



JIS



Hollow core tube



BNI

NEW

Miranda



07.

06.

08.

DELTA

FINISHES

- 07. Diamond
- 07. Double Diamond
- 08. HD
- 09. Pearl
- 10. Special Decorations
- 11. Polished

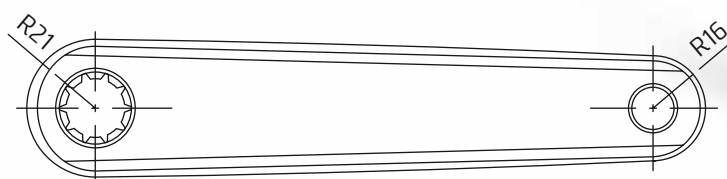


09.

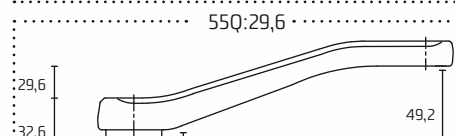
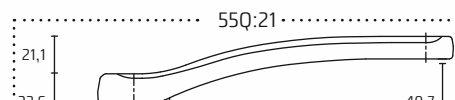
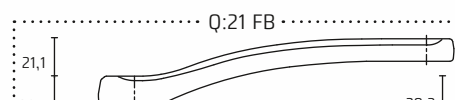
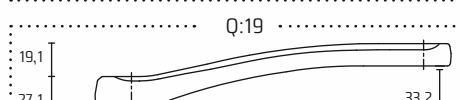
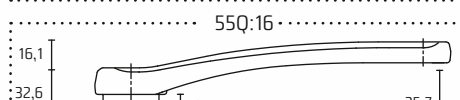
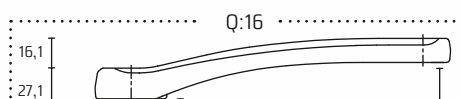
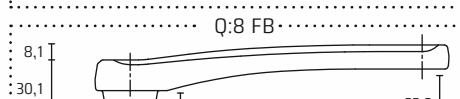
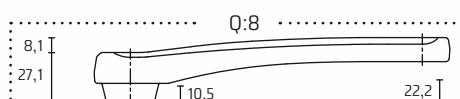
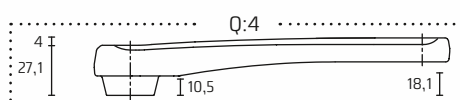
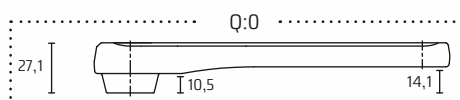
10.



11.



Q-FACTOR





FINISHES

- 01. Standard
- 02. Plus
- 03. Diamond
- 04. Pearl
- 05. Polished



INTERFACE



ISIS



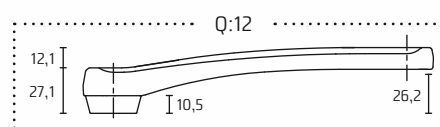
JIS



BNI

NEW

Q-FACTOR



LENGTH (MM)

170 • 175

Weight (G)

198

04.

03.



Miranda

CLASSIC



05.



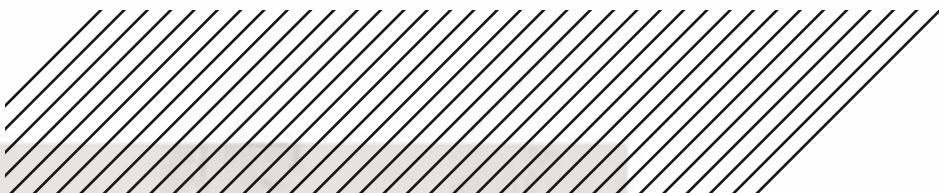
Miranda



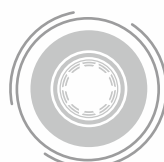
01.



02.



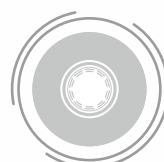
INTERFACE



ISIS



JIS



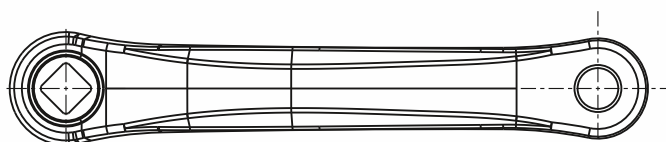
BNI

NEW

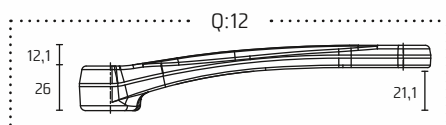
ELEGANCE

FINISHES

- 01. Standard
- 02. Polished



Q-FACTOR



LENGTH (MM)

170

Weight (G)

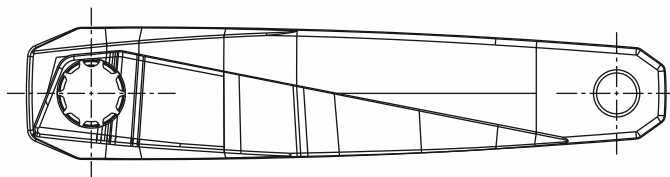
202



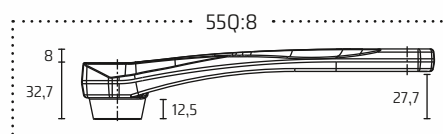
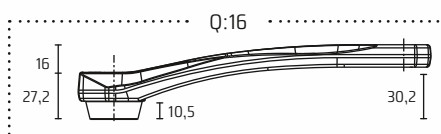
EPSILON

FINISHES

- 01. Standard
- 02. Polished



Q-FACTOR



INTERFACE



ISIS



JIS



BNI

NEW

01.



02.



Miranda

LENGTH (MM)

170 • 175

Weight (G)

208

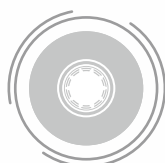
INTERFACE



ISIS



JIS



BNI

NEW

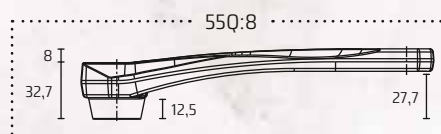
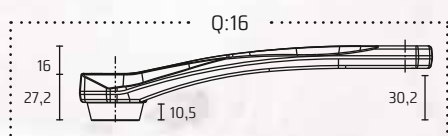


IOTA

FINISHES

- 01. Standard
- 02. Polished

Q-FACTOR



LENGTH (MM)

170 • 175

Weight (G)

216

02.

Miranda

01.

Miranda

Miranda



INTERFACE



ISIS



JIS



BNI

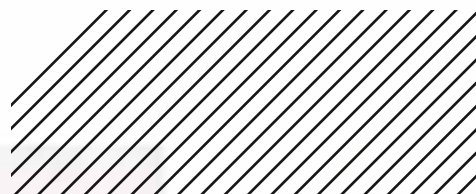
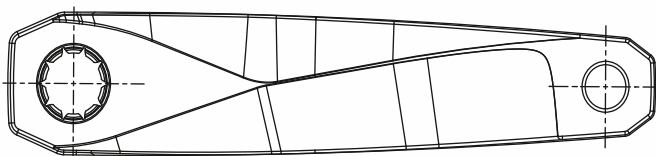
NEW



KAPPA

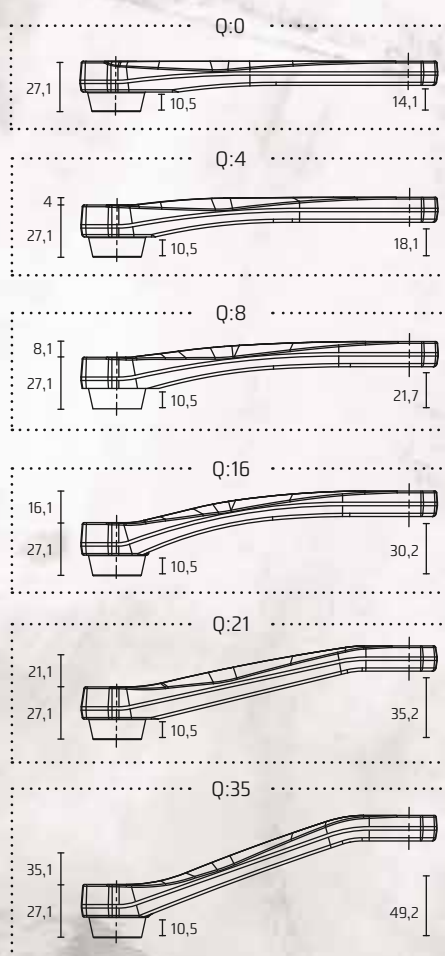
FINISHES

- 01. Standard
- 02. Polished





Q-FACTOR



02.

LENGTH (MM)
170, 172,5, 175

Weight (G)
209

Miranda

LENGTH (MM)

170

Weight (G)

210



FINISHES

01. Standard

02. Polished

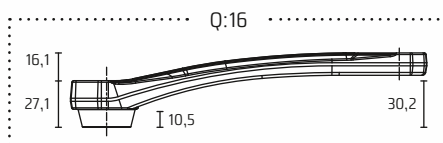
LAMBDA



01.

Q-FACTOR

Q:16





Micanda

02.

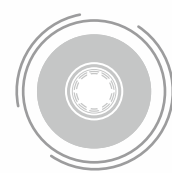
INTERFACE



ISIS



JIS



BNI

NEW



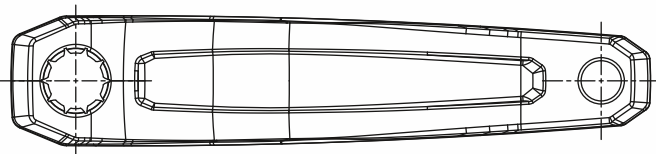
LENGTH (MM)

170

Weight (G)

216

03.

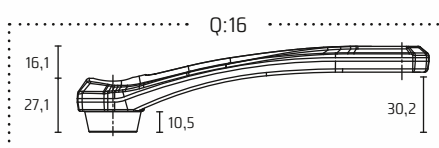


ZETA

FINISHES

- 01. Standard
- 02. Polished
- 03. Graphic

Q-FACTOR





Micanda



INTERFACE



ISIS



JIS



BNI

NEW

LENGTH (MM)

150 • 155 • 160
165 • 170

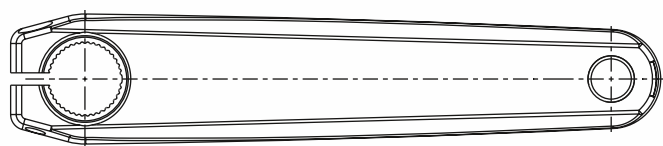
Weight (G)

216

01.

02.

NEW

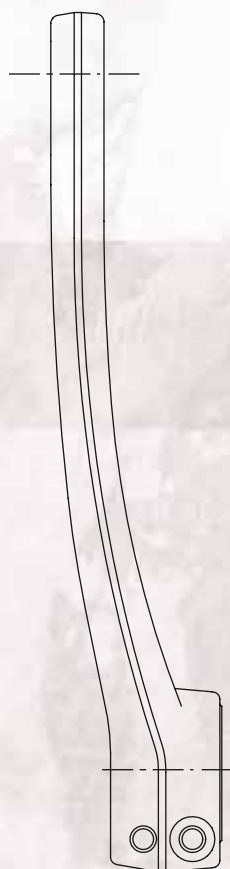


DELTA S

FINISHES

- 01. Standard
- 02. Plus
- 03. Double Diamond Diamond

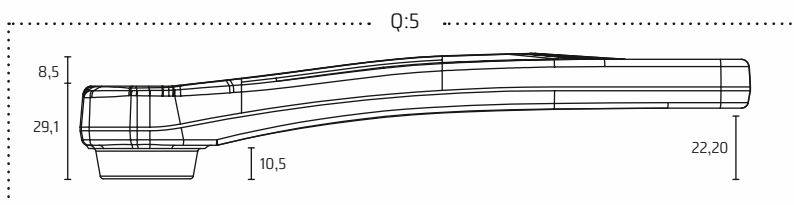
Compatible with Shimano E8000



03.

Miranda

Q-FACTOR



LENGTH (MM)

170

Weight (G)

232g (pair)



INTERFACE



ISIS



BNi

NEW

NEW

CARBON CRANK

Miranda





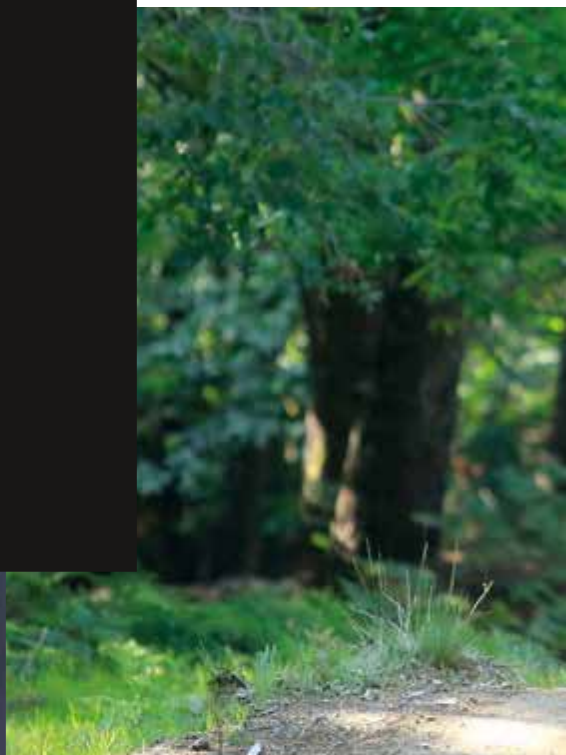
Available
with custom design

Miranda

ICG[®]

FOR E-BIKES

Miranda ICG[®] Patented System



**All crank
models available
with ICG**

*Different diameters by
request*



**Available
ICG with CNC**



ICG solutions
for Sprockets
for Chain Cases
for Belt Systems

Miranda



01.

AVAILABLE
COLORS

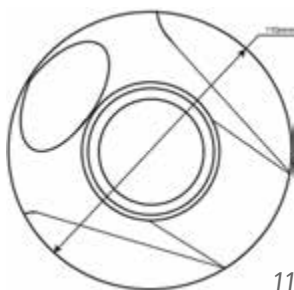
- 01. Black
- 02. White
- 03. Gray
- 04. Chrome plated



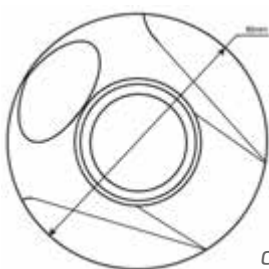
02.



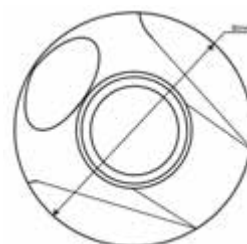
03.



110mm



95mm



92mm

Delta 0 Pearl
with cover



FOR E-BIKES
CRANKS
WITH COVER



04.



01.



02.

- 01. WR Graphic
- 02. TS Graphic
- 03. TB Graphic
- 04. Double Chainguard
- 05. NW Graphic
- 06. CNC Chainguard ST
- 07. CNC Chainguard ST



03.



04.



05.



CHAINGUARDS

FOR E-BIKES



06.



07.

Miranda

01.



02.



SPECIAL COMPONENTS FOR E-BIKES

Customized Spiders

01. Spider Br

Standard or For Boost

02. Spider BTV

03. Spider BTV YH

04. Chainflow Chainring

Sizes: 32t to 44t

BCD: 104mm

Material: Aluminium
1x11 Speed

05. Chainflow 3D Chainring

Sizes: 32t - 34t - 36t
38t - 40t - 42t - 44t

BCD: 104mm

Material: Aluminium
1x11/12 Speed

06. Chainring

Sizes: 34t to 44t

BCD: 104mm

Available for 7/8/9 speed chain
and for 10/11 speed narrow chain sizes
request

03.





04.



05.



06.



- 01.** Spider Design 1
- 02.** Spider Design 2
- 03.** Spider with Chainflow 3D Chainring

01.



MBG3147 - Offset 47,5mm
MBG3150 - Offset 50mm

SPECIAL COMPONENTS FOR BOSCH GEN3

02.



MBG3247 - Offset 47,5mm
MBG3250 - Offset 50mm

Available with different
chainrings

Spider with Chainflow
3D Chainring



03.

NEW SPIDER

Available with different
chainguards



Miranda



01.



02.



03.



04.



05.



06.



SPECIAL ***COMPONENTS*** *FOR E-BIKES*

01. 14T • 14g

02. 15T • 19g

03. 16T • 24g

04. 17T • 31g

05. 18T • 37g

06. 19T • 43g

07. 20T • 50g

08. 21T • 58g

09. 22T • 64g

*Standard Chainrings
in Carburized Special Steel*

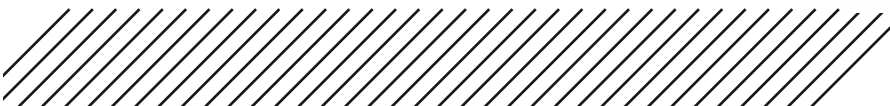
07.



08.



09.



3mm • 8,65mm • 15mm • 20mm

SPECIAL COMPONENTS FOR E-BIKES

E-Chainguard Nut Cold forged

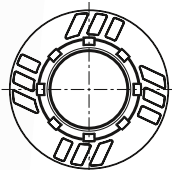
3,0mm offset (Boost Compatible)
8,65 / 15mm / 20mm (Fat Bike Compatible)

Other offsets available by request.

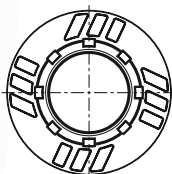
***E-Chainguard Nut
is a patented system***



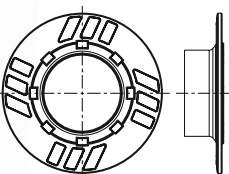
**Special 3,0mm
offset Sprocket
with E-Chainguard Nut**
without Internal Protection for Boost.



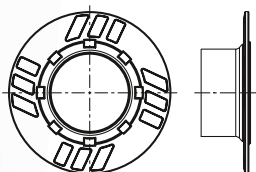
**Sprocket with
E-Chainguard Nut**
with Internal Protection 3,0mm offset



**Sprocket with
E-Chainguard Nut**
with Internal Protection 8,65mm offset



**Sprocket with
E-Chainguard Nut**
with Internal Protection 15mm offset



**Sprocket with
E-Chainguard Nut**
with Internal Protection 20mm offset



Miranda

Other offsets available
by request.

SCREWS

FOR E-BIKES

NEW SYSTEM

CRANK EXTRACTING
SCREW





Miranda

01.



**01. Stainless steel
short screws and nuts
for ring set**

**02. Stainless steel
long screws, nuts
and washers
for chainguard + ring set**

02.



Micanda

01.



01. Elegance
with XL-Power brake

02. Sirius pearl
with XXL-Power brake

03. Lupus
with XXL Power brake

02.





BRAKES

FOR E-BIKES



03.

335g

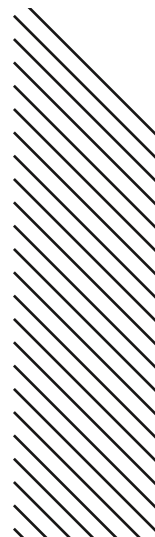


CLICKPOST®

SEATPOST



red**dot** design award
honourable mention





Fix a bicycle saddle in under 10 seconds

1. Put saddle down as in the image.
2. Rotate the saddle 90° degrees
3. Adjust to your liking and fix the screw

Miranda



Miranda

The European Bike Fundamentals

Miranda & Irmão, Lda.
EN1 Km228,9 | Borralha
3750-871 Agueda | Portugal
Phone +351 234 612 790
Fax +351 234 612 799
www.mirandabikeparts.com

Cofinanciado por:



UNIAO EUROPEIA
Fundos Europeus
Estruturas e de Investimento