

Hafny

Product Catalog

Bike Mirrors | Bike Grips | Bike Pedals





About Hafny

Hafny was established in 2012 by Mr. Li, after having 26 years of experience in product manufacturing and mold design at Hafnium. For over 30 years, Hafnium has been making OEM/ODM products specializing in bike pedals, cranks, and grips for famous brands worldwide.

Mr. Li is extremely passionate about biking. In 2012, he noticed that he couldn't find a single bike mirror in the market that met his expectations. With this, he set off on an endless journey of trial and error to create many bike mirrors for all occasions so that nobody would ever have to settle for less.

One of Mr. Li's first innovations was to use stainless steel lenses in bike mirrors, an industry first. A well polished stainless steel lens mirror is optically clearer than a typical plastic mirror. Not to mention that it uses recyclable material, unlike the plastics you'd find in the competition.

With the growing popularity of high-speed pedal bikes, Hafny was also the pioneer who brought automotive grade anti-glare blue lenses into bike mirrors in 2015. Soon after, the idea of the blue lens using in the bike mirrors was popularly adopted by other competitors.

We are proud of our commitment to innovation and to be one of the top bike mirror companies in the world.

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Pedals



Reach Certified



Cali Pro 65 Certified

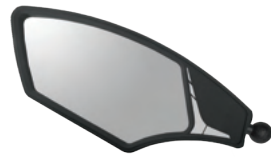


USD\$1M PLI Insured Worldwide



ISO 9001:2015 Certified

Mirrors Overview



M900



107mm x 53mm



M901



103mm x 83mm



M902



103mm x 67mm



M803/903



88mm x 63mm



M904



107mm x 86mm



M908



128mm x 57mm



M800



110mm x 45mm



M801



81mm x 60mm



M854



80mm x 58mm



M851/951



Ø 62mm



M852/952



Ø 68mm



M853/953



Ø 62mm



M958



Ø 95mm



M956



55 x 50mm



M957



55 x 50mm



M6002



107 x 62mm



M6003



107 x 66mm

Arms Overview



FR01



FR02



FR03



FR04



FR05



FR06



FR07



FR08



FR09



FR011



FR053

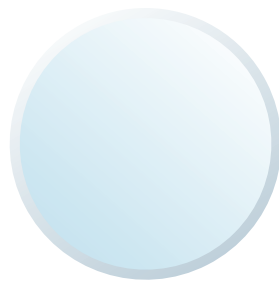


FR054



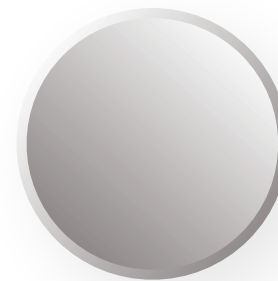
FR055

Mirror Lenses



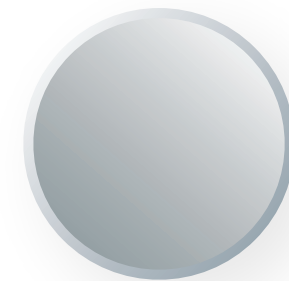
Anti-Glare Blue Glass

Eliminates 75% glare in normal environment



HD Automotive Grade Glass

Eliminates 50% glare in normal environment



Stainless Steel Lens

Can be 100% fully recycled for a better environment

FR01

Features

- Designed for e-bikes, cruisers, and MTB
- Eco-friendly high-impact nylon frame
- Fits 21~26mm MTB handlebars
- Multi-adjustable viewing angles

360° Rotatable Mirror Head

Easily adjust your perfect viewing angles



VS

FR01

FR01



Mirror Size: 107mm x 53 mm

- Left HF-M900LB-FR01
- Right HF-M900RB-FR01
- Left HF-M900LS-FR01
- Right HF-M900RS-FR01



Mirror Size: 103mm x 67mm

- Left HF-M902LB-FR01
- Right HF-M902RB-FR01
- Left HF-M902LS-FR01
- Right HF-M902RS-FR01



Mirror Size: 88mm x 63mm

- Left HF-M903LB-FR01
- Right HF-M903RB-FR01
- Left HF-M903LS-FR01
- Right HF-M903RS-FR01
- Left HF-M803L-FR01
- Right HF-M803R-FR01



Mirror Size: 103mm x 83mm

- L (E13) 009831
- Left HF-M901LB-FR01
- Right HF-M901RB-FR01
- L (E13) 009830
- Left HF-M901LS-FR01
- Right HF-M901RS-FR01



Mirror Size: 110mm x 45mm

- Left HF-M800L-FR01
- Right HF-M800R-FR01



Mirror Size: 81mm x 60mm

- Left HF-M801L-FR01
- Right HF-M801R-FR01



FR09

Features

- Designed for e-bikes, cruisers, and MTB
- Eco-friendly high-impact nylon frame
- Fits 21~26mm MTB handlebars
- Multi-adjustable viewing angles



FR09

Mounting Spacer

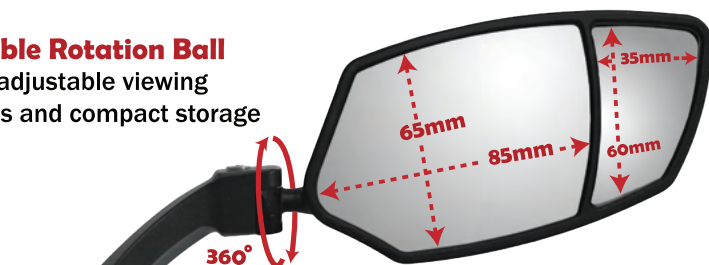
Attach to the clamp for a perfect fit on different handlebar sizes 21mm to 26mm



FR09

Dual-view mirrors

Flexible Rotation Ball
Fully adjustable viewing angles and compact storage



Super Convex Glass Mirror
More visible area



Wide Range Fitting
Fit 21~26mm diameter of handlebar

High Impact Nylon Frame Body
Odor-free and made of partially recycled materials

M908 New

<input checked="" type="radio"/>	Left	HF-M908LB-FR09
<input checked="" type="radio"/>	Right	HF-M908RB-FR09
<input type="radio"/>	Left	HF-M908LS-FR09
<input type="radio"/>	Right	HF-M908RS-FR09



Mirror Size: 107mm x 86 mm

<input checked="" type="radio"/>	Left	HF-M904LB-FR09
<input checked="" type="radio"/>	Right	HF-M904RB-FR09
<input type="radio"/>	Left	HF-M904LS-FR09
<input type="radio"/>	Right	HF-M904RS-FR09



Mirror Size: Ø 95mm

<input checked="" type="radio"/>	Left	HF-M958LB-FR09
<input checked="" type="radio"/>	Right	HF-M958RB-FR09
<input type="radio"/>	Left	HF-M958LS-FR09
<input type="radio"/>	Right	HF-M958RS-FR09

Anti-Glare Blue Glass HD Automotive Grade Glass Stainless Steel Lens

FR02

Features

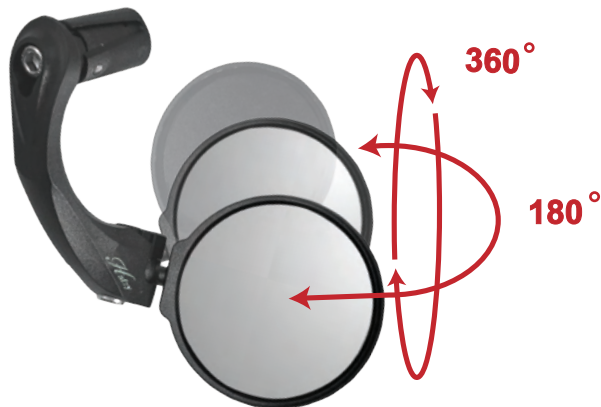
- Designed for drop bars and flat handlebars
- Recommended for e-bikes, MTB, and road bikes
- Multi-adjustable viewing angles
- Universal design reversal for left & right application

Wide Range Fitting

Fits handlebar with inside diameter ranging from 17mm~23mm.

High Impact Nylon Frame Body

Odor-free and made of partially recycled materials



FR02



Mirror Size: \varnothing 62 mm

- L ↔ R HF-M951B-FR02
- L ↔ R HF-M951S-FR02
- L ↔ R HF-M851-FR02



Mirror Size: \varnothing 68 mm

- L ↔ R HF-M952B-FR02
- L ↔ R HF-M952S-FR02
- L ↔ R HF-M852-FR02



Mirror Size: \varnothing 62 mm
Replaceable Mirror

- L ↔ R HF-M953B-FR02
- L ↔ R HF-M953S-FR02
- L ↔ R HF-M853-FR02



Mirror Size: 55mm x 50mm
Super Convex

- L ↔ R HF-M956B-FR02
- L ↔ R HF-M956S-FR02



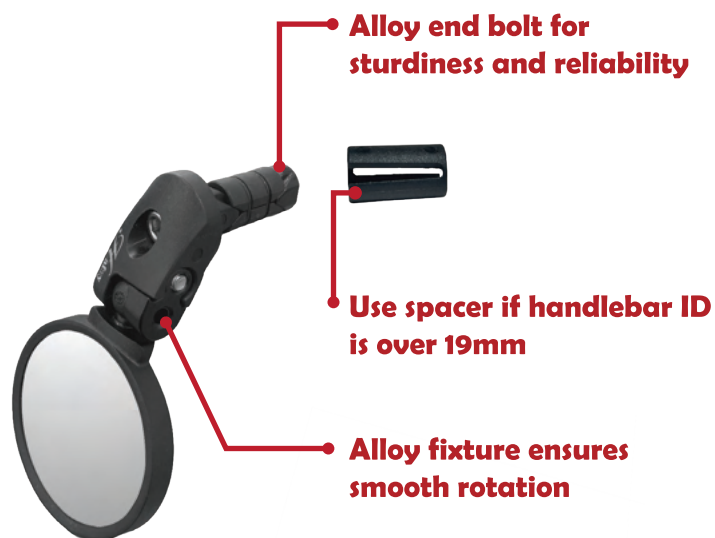
Mirror Size: 80mm x 58mm

- L ↔ R HF-M854-FR02

FR03

Features

- Designed for drop bars and flat handlebars
- Recommended for e-bikes, MTB and road bikes
- Multi-adjustable viewing angles
- Universal design reversal for left & right application
- Wide range fitting with inside diameter ranging from 14.8~23mm.
- High impact nylon frame body



Anti-Glare Blue Glass
 HD Automotive Grade Glass
 Stainless Steel Lens

FR03



Mirror Size: \varnothing 62 mm

L \leftrightarrow R HF-M951B-FR03

L \leftrightarrow R HF-M951S-FR03

L \leftrightarrow R HF-M851-FR03



Mirror Size: \varnothing 68 mm

L \leftrightarrow R HF-M952B-FR03

L \leftrightarrow R HF-M952S-FR03

L \leftrightarrow R HF-M852-FR03



Mirror Size: \varnothing 62 mm
Replaceable Mirror

L \leftrightarrow R HF-M953B-FR03

L \leftrightarrow R HF-M953S-FR03

L \leftrightarrow R HF-M853-FR03



Mirror Size: \varnothing 95 mm

L \leftrightarrow R HF-M958B-FR03

L \leftrightarrow R HF-M958S-FR03



Mirror Size: 80mm x 58mm

L \leftrightarrow R HF-M854-FR03










FR05

Bar End Bike Mirrors

Features

- Designed for flat handlebars
- Recommended for e-bikes, cruisers, and MTB
- Eco-friendly high-impact nylon frame
- Multi-adjustable viewing angles
- Fits inside diameter of the handlebars within 14.8 ~ 23mm (MTB)
- Most are designed for left & right application

FR05

 <p>Mirror Size: 107mm x 53mm</p>	<ul style="list-style-type: none"> Left HF-M900LB-FR05 Right HF-M900RB-FR05 Left HF-M900LS-FR05 Right HF-M900RS-FR05 	 <p>Mirror Size: 110mm x 45mm</p>	<ul style="list-style-type: none"> Left HF-M800L-FR05 Right HF-M800R-FR05
 <p>Mirror Size: 103mm x 83mm</p>	<ul style="list-style-type: none"> Left HF-M901LB-FR05 Right HF-M901RB-FR05 Left HF-M901LS-FR05 Right HF-M901RS-FR05 	 <p>Mirror Size: 81mm x 60mm</p>	<ul style="list-style-type: none"> Left HF-M801L-FR05 Right HF-M801R-FR05
 <p>Mirror Size: 103mm x 67mm</p>	<ul style="list-style-type: none"> Left HF-M902LB-FR05 Right HF-M902RB-FR05 Left HF-M902LS-FR05 Right HF-M902RS-FR05 	 <p>Mirror Size: 107mm x 86mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M904B-FR05 L ↔ R HF-M904S-FR05
 <p>Mirror Size: 88mm x 63mm</p>	<ul style="list-style-type: none"> Left HF-M903LB-FR05 Right HF-M903RB-FR05 Left HF-M903LS-FR05 Right HF-M903RS-FR05 	 <p>Mirror Size: Ø 68mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M952B-FR05 L ↔ R HF-M952S-FR05 L ↔ R HF-M852-FR05
	<ul style="list-style-type: none"> Left HF-M803L-FR05 Right HF-M803R-FR05 	 <p>Mirror Size: Ø 95mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M958B-FR05 L ↔ R HF-M958S-FR05



FR05
Longer

VS



FR08
Shorter



- Anti-Glare Blue Glass
- HD Automotive Grade Glass
- Stainless Steel Lens

FR08

<p>Mirror Size: 107mm x 53mm</p>	<ul style="list-style-type: none"> Left HF-M900LB-FR08 Right HF-M900RB-FR08 Left HF-M900LS-FR08 Right HF-M900RS-FR08 	<p>Mirror Size: 110mm x 45mm</p>	<ul style="list-style-type: none"> Left HF-M800L-FR08 Right HF-M800R-FR08 	<p>Mirror Size: Ø 68mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M952B-FR08 L ↔ R HF-M952S-FR08
<p>Mirror Size: 103mm x 83mm</p>	<p>L (E13) 009868</p> <ul style="list-style-type: none"> Left HF-M901LB-FR08 Right HF-M901RB-FR08 <p>L (E13) 009869</p> <ul style="list-style-type: none"> Left HF-M901LS-FR08 Right HF-M901RS-FR08 	<p>Mirror Size: 81mm x 60mm</p>	<ul style="list-style-type: none"> Left HF-M801L-FR08 Right HF-M801R-FR08 	<p>Mirror Size: Ø 95mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M958B-FR08 L ↔ R HF-M958S-FR08
<p>Mirror Size: 103mm x 67mm</p>	<ul style="list-style-type: none"> Left HF-M902LB-FR08 Right HF-M902RB-FR08 Left HF-M902LS-FR08 Right HF-M902RS-FR08 	<p>Mirror Size: 88mm x 63mm</p>	<ul style="list-style-type: none"> Left HF-M903LB-FR08 Right HF-M903RB-FR08 Left HF-M903LS-FR08 Right HF-M903RS-FR08 	<p>Mirror Size: 107mm x 66mm</p>	<ul style="list-style-type: none"> Left HF-M6003LB-FR08 Right HF-M6003RB-FR08 Left HF-M6003LS-FR08 Right HF-M6003RS-FR08
<p>Mirror Size: 107mm x 86mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M904B-FR08 L ↔ R HF-M904S-FR08 	<p>Mirror Size: 88mm x 63mm</p>	<ul style="list-style-type: none"> Left HF-M803L-FR08 Right HF-M803R-FR08 	<p>Mirror Size: 107mm x 62mm</p>	<ul style="list-style-type: none"> L ↔ R HF-M6002B-FR08 L ↔ R HF-M6002S-FR08

FR04

Bar End Bike Mirrors

Features

- Designed for flat handlebars
- Recommended for e-bikes, cruisers, and MTB
- Eco-friendly high-impact nylon frame
- Fits inside diameter of handlebars within 14.8~23mm (MTB)
- Multi-adjustable viewing angles
- Most are designed for left & right application



FR04



Mirror Size: 107mm x 53mm

- | | | |
|--|-------|----------------|
| | Left | HF-M900LB-FR04 |
| | Right | HF-M900RB-FR04 |
| | Left | HF-M900LS-FR04 |
| | Right | HF-M900RS-FR04 |



Mirror Size: Ø 62mm

- | | | |
|--|-------|---------------|
| | L ↔ R | HF-M951B-FR04 |
| | L ↔ R | HF-M951S-FR04 |
| | L ↔ R | HF-M851-FR04 |



Mirror Size: 88mm x 63mm

- | | | |
|--|-------|----------------|
| | Left | HF-M903LB-FR04 |
| | Right | HF-M903RB-FR04 |
| | Left | HF-M903LS-FR04 |
| | Right | HF-M903RS-FR04 |
| | Left | HF-M803L-FR04 |
| | Right | HF-M803R-FR04 |



Mirror Size: Ø 68mm

- | | | |
|--|-------|---------------|
| | L ↔ R | HF-M952B-FR04 |
| | L ↔ R | HF-M952S-FR04 |
| | L ↔ R | HF-M852-FR04 |



Mirror Size: 110mm x 45mm

- | | | |
|--|-------|---------------|
| | Left | HF-M800L-FR04 |
| | Right | HF-M800R-FR04 |



Mirror Size: Ø 62mm
Replaceable Mirror

- | | | |
|--|-------|---------------|
| | L ↔ R | HF-M953B-FR04 |
| | L ↔ R | HF-M953S-FR04 |
| | L ↔ R | HF-M853-FR04 |



Mirror Size: 81mm x 60mm

- | | | |
|--|-------|---------------|
| | Left | HF-M801L-FR04 |
| | Right | HF-M801R-FR04 |



Mirror Size: Ø 95mm

- | | | |
|--|-------|---------------|
| | L ↔ R | HF-M958B-FR04 |
| | L ↔ R | HF-M958S-FR04 |

FR06

Road Bike Mirrors

Features

- Recommended for drop bars but can be used on MTB handlebars
- HD glass convex lens
- High-impact durable reinforced nylon frame
- Fits inside diameter of the handlebars within 14.8-23mm
- Universal design for both left & right



Blast Resistance
The mirror resists impact for long-lasting protection and reliability

Wide Range Fitting
Fits dropbars with inside diameter ranging from 14.8~23mm.

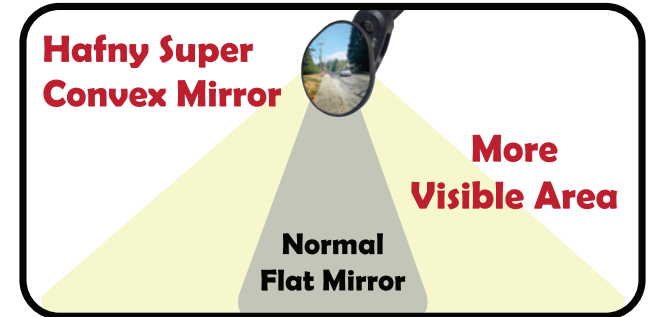


Curved Mirror Arm
Wide angle adjustment

Use spacer if handlebar ID is over 19mm



X Not Plastic Mirror
Plastic Cannot Reduce Glare



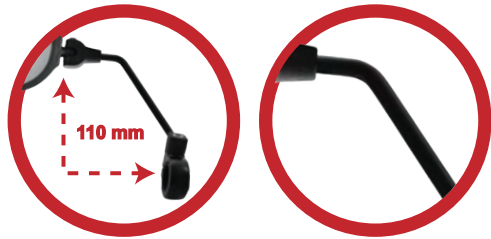
M956

● L ↔ R HF-M956B-FR06

● L ↔ R HF-M956S-FR06

Mirror Size: 55mm x 50mm

FR07 & FR011



VS



FR07

7mm rod diameter

FR011

8mm rod diameter

Features

- Recommended for E-bikes, cruisers, MTB and recumbent bikes
- Light-weight anodized aluminum rod
- Fits 21~26mm handlebars
- Multi-adjustable viewing angles
- Customizable length & shape for different bikes including recumbent bikes and cargo bikes
- Eco-friendly high-impact nylon frame



FR07



Mirror Size: \varnothing 68mm

- Left HF-M952LB-FR07
- Right HF-M952RB-FR07
- Left HF-M952LS-FR07
- Right HF-M952RS-FR07

Customizable Length & Shape



- Anti-Glare Blue Glass
- HD Automotive Grade Glass
- Stainless Steel Lens

FR011



Mirror Size: 55 x 50mm

- Left HF-M956LB-FR07
- Right HF-M956RB-FR07
- Left HF-M956LS-FR07
- Right HF-M956RS-FR07



Mirror Size: \varnothing 68mm

- Left HF-M952LB-FR011
- Right HF-M952RB-FR011
- Left HF-M952LS-FR011
- Right HF-M952RS-FR011



Mirror Size: 55 x 50mm

- Left HF-M957LB-FR07
- Right HF-M957RB-FR07
- Left HF-M957LS-FR07
- Right HF-M957RS-FR07



Mirror Size: \varnothing 95mm

L (E13) 009923

- Left HF-M958LB-FR011
- Right HF-M958RB-FR011

L (E13) 009922

- Left HF-M958LS-FR011
- Right HF-M958RS-FR011

FR054

Bar End Bike Mirrors

FR054

Features

- Recommended for E-bikes, cruisers and MTB
- Ball joint offers personalized viewing angles
- Fits inside diameter of handlebars within 14.8~23mm (MTB)
- Eco-friendly high-impact nylon frame



Mirror Size: 107mm x 66mm

M6003 **New**

●	Left	HF-M6003LB-FR054
●	Right	HF-M6003RB-FR054
●	Left	HF-M6003LS-FR054
●	Right	HF-M6003RS-FR054

● Anti-Glare Blue Glass

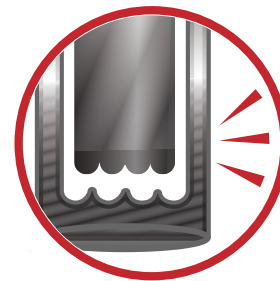
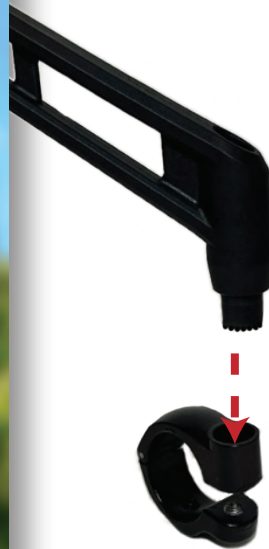
● HD Automotive Grade Glass

● Stainless Steel Lens

Introducing Our New Clamp System

PATENTED

**Choose Your Perfect View:
Fixed for Stability or Rotatable for Flexibility**



1. Fixed Angle

18 tooth lock on system provides
18 viewing fixed angles

2. Rotatable Angle

Add-on washer for
360° flexible angle adjustments



FR055

Features

- 360-degree rotatable joint ball for adjustable viewing angles
- Extendable length provides best in class reach and adjustable height as needed
- Patented clamp with 18 teeth for adjusting or fixing viewing angles
- Fits 21~26mm MTB handlebars



FR055



Mirror Size: 107mm x 62mm

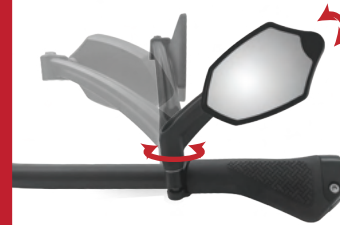
● L ↔ R HF-M6002B-FR055

● L ↔ R HF-M6002S-FR055

FR053

Features

- 360-degree rotatable joint ball for adjustable viewing angles
- Folds back 45 degree for better storage and protects against front impact damage
- Patented clamp with 18 teeth for adjusting or fixing viewing angles
- Fits 21~26mm MTB handlebars



FR053



Mirror Size: 107mm x 62mm

● Left HF-M6002LB-FR053

● Right HF-M6002RB-FR053

● Left HF-M6002LS-FR053

● Right HF-M6002RS-FR053



Mirror Size: 107mm x 66mm

● Left HF-M6003LB-FR053

● Right HF-M6003RB-FR053

● Left HF-M6003LS-FR053

● Right HF-M6003RS-FR053

● Anti-Glare Blue Glass

● HD Automotive Grade Glass

● Stainless Steel Lens



High-end Aluminum CNC Machined Mirrors



Available in anodized any colour

- Black
- Red
- Orange
- Gold
- Green
- Blue
- Purple
- Grey

FS001

Features

- CNC machined aluminum alloy mirror case and arm
- Can be anodized to any colour
- Automotive grade glass mirror for all models
- Fits 22mm outside diameter of handlebars
- Adapter end plug compatible with handlebars with an inner diameter of 14.8mm to 23mm



Mirror Size: 98mm x 70mm



Mirror Size: 103mm x 55mm



Mirror Size: Ø 70mm



Mirror Size: Ø 85mm

 L ↔ R HF-M701B-FS001

 L ↔ R HF-M701S-FS001

 Left HF-M702LB-FS001

 Right HF-M702RB-FS001

 Left HF-M702LS-FS001

 Right HF-M702RS-FS001

 L ↔ R HF-M703B-FS001

 L ↔ R HF-M703S-FS001

 L ↔ R HF-M704B-FS001

 L ↔ R HF-M704S-FS001

FS002

Features

- CNC machined aluminum alloy mirror case and arm
- Fits 14.8~23mm inside diameter of handlebars
- Can be anodized to any colour
- Automotive grade glass mirror for all models



Mirror Size: 98mm x 70mm



Mirror Size: 103mm x 55mm



Mirror Size: Ø 70mm



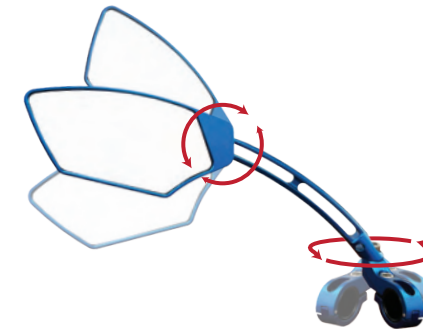
Mirror Size: Ø 85mm

	Left	HF-M701B-FS002L
	Right	HF-M701B-FS002R
	Left	HF-M701S-FS002L
	Right	HF-M701S-FS002R
	Left	HF-M702B-FS002L
	Right	HF-M702B-FS002R
	Left	HF-M702S-FS002L
	Right	HF-M702S-FS002R
	Left	HF-M703B-FS002L
	Right	HF-M703B-FS002R
	Left	HF-M703S-FS002L
	Right	HF-M703S-FS002R
	Left	HF-M704B-FS002L
	Right	HF-M704B-FS002R
	Left	HF-M704S-FS002L
	Right	HF-M704S-FS002R

FS003

Features

- CNC machined aluminum alloy mirror case and arm
- Fits 21~26mm outside diameter of handlebars
- Can be anodized to any colour
- Automotive grade glass mirror for all models



Mirror Size: 103mm x 55mm



Mirror Size: Ø 85mm

	Left	HF-M702B-FS003L
	Right	HF-M702B-FS003R
	Left	HF-M702S-FS003L
	Right	HF-M702S-FS003R
	Left	HF-M704B-FS003L
	Right	HF-M704B-FS003R
	Left	HF-M704S-FS003L
	Right	HF-M704S-FS003R

Anti-Glare Blue Glass HD Automotive Grade Glass Stainless Steel Lens



HF-502



HF-505

HF-500

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Length	134mm



HF-604



HF-602



HF-605

HF-600

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Length	134mm



HF-652



HF-655

HF-650

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Length	139mm



HF-350

Body	Eco-friendly TPR
Application	Handlebar ID 16~21mm
Length	130mm



HF-551



HF-555



HF-552

HF-550

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Length	134mm



HF-101



HF-102

HF-100

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Length	134mm



HF-450LL/RL

Body	Eco-friendly TPR Black or Grey
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Lenght	134mm



HF-210



HF-220



HF-250

HF-210, HF-220, HF-250

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Lenght	130mm



HF-450LS/RS

Body	Eco-friendly TPR Black or Grey
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Lenght	97mm

Bar Ends



BA-001



BA-004



BA-005



BA-002

Body	Aluminum ED-black
Application	22.2mm diameter handlebars



HF-151



HF-152

HF-150

Body	Eco-friendly TPR
Clamp	Aluminum ED-black/ Yellow
Application	Standard 22.2 mm diameter handlebars
Lenght	134mm

Mirrors & Grips Set

Features

- Universal design for left and right
- Available in long and short length
- Eco-friendly durable TPR
- Ergonomic rubber palm support provides cushion for shock absorption

HF-700R (Regular Ring)



HF-700M (Mirrors & Grips)

Patented

E13 45 km/h Speed Pedelec

One Screw Lock on System for Mirror and Grip



- Cost efficient for OEM market
- Save space on the handlebar
- Work with FR01, FR07, FR09 and FR011 models

HF-700

Body	Eco-friendly TPR
Clamp	Aluminum ED-black
Application	Standard 22.2 mm diameter handlebars
Lenght	139mm



HF-1400

Features

- Wide CNC machined platform for stability
- 8 adjustable & replaceable pins on each side
- High strength heat treated Cr-Mo axles
- Excellent strength to weight ratio
- Accord with EN17466



Body	Extruded, CNC Machined 6061 T6 Aluminum
Axle	CNC machined Cro-Mo
Bearing	Igus Bush Bearings & 2 Sealed Bearings
Size	105 x 105 x 13 ~ 18.4 mm
Weight	416g/pair
Color	Anodized all colors

HF-1500

Features

- Wide CNC machined platform for comfortability
- 9 adjustable & replaceable pins on each side for advanced stability
- High strength heat treated Cr-Mo axles
- Excellent strength to weight ratio
- Accord with EN17466



Body	Extruded, CNC Machined 6061 T6 Aluminum
Axle	CNC machined Cro-Mo
Bearing	Igus Bush Bearings & 2 Sealed Bearings
Size	105 x 105 x 13 ~ 18.4 mm
Weight	348g/pair
Color	Anodized all colors

HF-1550

Features

- Light weight durable nylon composite body
- Wide platform for stability
- Grippy stable pins (replaceable)
- High strength heat treated Cr-Mo axles
- Accord with EN17466



HF-1650

Features

- Light weight durable nylon composite body
- Wide platform for stability
- High strength heat treated Cr-Mo axles
- Accord with EN17466



HF-1600

Features

- Wide CNC machined platform for comfortability
- High strength heat treated Cr-Mo axles
- Excellent strength to weight ratio
- Accord with EN17466



Body	Nylon Composite
Axle	CNC machined Cro-Mo
Bearing	Igus Bush Bearings & 2 Sealed Bearings
Size	105 x 105 x 13 ~ 18.4 mm
Weight	320g/pair
Color	Injection all colours

Body	Nylon Composite
Axle	CNC machined Cro-Mo
Bearing	Igus Bush Bearings & 2 Sealed Bearings
Size	105 x 105 x 13 ~ 18.4 mm
Weight	278g/pair
Color	Injection all colours

Body	Extruded, CNC Machined 6061 T6 Aluminum
Axle	CNC machined Cro-Mo
Bearing	Igus Bush Bearings & 2 Sealed Bearings
Size	105 x 105 x 13 ~ 18.4 mm
Weight	319g/pair
Color	Anodized all colours

HF-1000



Body	6061 CNC aluminum
Axle	CNC machined Cro-Mo
Bearing	2 bearings
Size	97 x 93 mm
Weight	346g/pair
Color	Anodized all colours

HF-1050



Body	6061 CNC aluminum
Axle	CNC machined Cro-Mo
Bearing	2 bearings
Size	99 x 99 mm
Weight	346g/pair
Color	Anodized all colours

HF-1100



Body	6061 CNC aluminum
Axle	CNC machined Cro-Mo
Bearing	2 bearings
Size	85 x 95 mm
Weight	328g/pair
Color	Anodized all colours

HF-1150



Body	6061 CNC aluminum
Axle	CNC machined Cro-Mo
Bearing	2 bearings
Size	85 x 88 mm
Weight	346g/pair
Color	Anodized all colours

HF-1200



Body	6061 CNC aluminum
Axle	CNC machined Cro-Mo
Bearing	2 bearings
Size	85 x 89 mm
Weight	346g/pair
Color	Anodized all colours

HF-1300



Body	6061 CNC aluminum
Axle	CNC machined Cro-Mo
Bearing	2 bearings
Size	93 x 115 x 8 mm
Weight	328g/pair
Color	Anodized all colours

Bottle Cages



HF-BCool1

Features

- Minimalist design grips most bottles and cans (from 64mm to 74mm)
- Durable plastic material for long time use
- Light as a feather, just 45g !
- Can be made in any color



64mm



74mm



Hafny Co., Ltd
黑芙尼有限公司

No. 296 Nanbei 4th Rd,
Taichung City, 43754, Taiwan

Tel: +866 4 26883285
Fax: +886 4 26887149
E-mail: hafny.com@msa.hinet.net
info@hafny.com.tw
Web: www.hafny.com.tw