



CLARKS
EXCEED YOUR LIMITATIONS

OEM Brakes
2023/24

www.clarks.bike



RECOMMENDED TORQUE SETTINGS

Below are recommended torque settings for our hydraulic and mechanical brake systems. For more information and 'How to Video's' please visit www.clarks.bike

Fitting Position	Fitting Size	Torque Setting
Rotor Bolt	Torx T25	6.2 NM
Calliper to bracket bolt	M6 bolt	11-13 NM
Lever bracket bolt	M6 bolt	6-8 NM
Bracket to frame bolt	M6 bolt	11-13 NM
Lever hose compression nut	8mm	9 NM
C-Jet	-	6-8 NM

www.clarks.bike

SERVICE & FITTING VIDEOS

We have an extensive collection of videos, demonstrating all the common service procedures carried out on our brake range.

Please visit clarks.bike/how-to-videos.html

SERVICE & REPAIR PARTS

We offer an extensive range of spare service and repair parts for all our hydraulic brake systems.

Please visit clarks.bike/order-spare-parts.html



Hydraulic disc brakes

CLOUT

2 Piston - Hydraulic Brake System

Clarks Clout offers greater control and power. Suitable for installation on MTB/Hybrid bikes, the 2 piston calliper, open system with mineral oil fluid offers excellent heat expansion properties. Clout features lever reach adjustment, easy installation, adjustment and maintenance.

CLOUT SPECIFICATION

Brake System	Dual piston hydraulic
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	304g
Weight - Rear Calliper & Lever	308g
Replacement Pads	Clarks VX/VRX11
Calliper Bracket	I.S. or P.M

CLOUT CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Semi-Metallic pads
Calliper Bracket	1 x Bracket, spacers and bolts

CLOUT WHEEL OPTIONS

Front I.S. 160mm
Front P.M. 160mm (no bracket)
Front P.M. or I.S. 180mm
Rear I.S. 160mm
Rear P.M. 160mm (no bracket)
Rear P.M. or I.S. 180mm
C-Jet
Olive and Insert

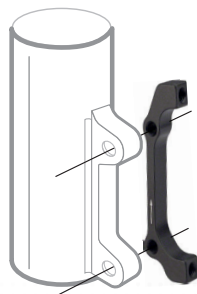


CLOUT ROTOR SPEC.

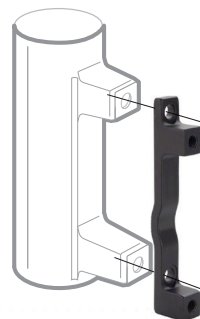
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-160MM



TL Rotor



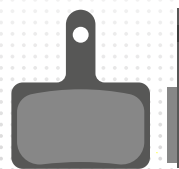
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX811 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

Hydraulic disc brakes

M2

2 Piston - Award Winning Brake System

Front and Rear with 160mm rotors. The **award winning** M2 has been designed specifically for the cycle enthusiast. It brings high level performance and braking power to the MTB and hybrid rider. The twin piston callipers of the M2 deliver superb braking performance in all weather conditions. Supported by a sleek and compact lever design, this braking system will provide exceptional reliability and consistent performance.

Supplied with sintered pads as standard to meet EN 15194 testing.

M2 SPECIFICATION

Brake System	Dual piston hydraulic
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	274g
Weight - Rear Calliper & Lever	278g
Replacement Pads	Lever Body Serial No. L - VX/VRX852
Replacement Pads	Lever Body Serial No. F or O - VX/VRX811
Calliper Bracket	I.S. or P.M.

M2 CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and bolts

M2 WHEEL OPTIONS

Front I.S. 160mm
Front P.M. 160mm (no bracket)
Front P.M. or I.S. 180mm
Rear I.S. 160mm
Rear P.M. 160mm (no bracket)
Rear P.M. or I.S. 180mm
C-Jet
Olive and Insert

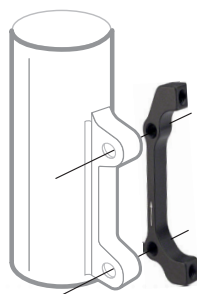


M2 ROTOR SPEC.

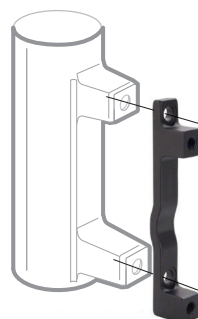
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM



TL Rotor



I.S. Bracket - 160/180mm



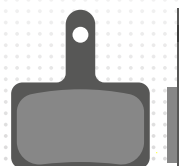
P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX852 Pad Profile
(Lever Body Serial No. L)



VX811 Pad Profile
(Lever Body Serial No. F or O)



C-Jet: Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.



Hydraulic disc brakes

M3

2 Piston - Radial Style Flip-Flop Lever

The M3, delivers superior looks with an alloy cast radial style lever. We have engineered out a large amount of weight from the brake system as well as drastically improving the overall aesthetics. The radial design, flip flop lever increases the room available on the handlebar so creating a cleaner look on the bike. Front and Rear with 160mm rotors, 2 piston hydraulic brake, reach adjustment located on the lever blade for easy access. The M3 uses mineral oil fluid, pre bled for optimum performance

M3 SPECIFICATION

Brake System	Dual piston hydraulic
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	202g
Weight - Rear Calliper & Lever	206g
Replacement Pads	Clarks VX/VRX852
Calliper Bracket	I.S. or P.M

M3 CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Semi-Metallic pads
Calliper Bracket	1 x Bracket, spacers and bolts

M3 WHEEL OPTIONS

Front I.S. 160mm
Front P.M. 160mm
Front P.M. 180mm
Rear I.S. 160mm
Rear P.M. 160mm
Rear P.M. 180mm
C-Jet
Olive and Insert

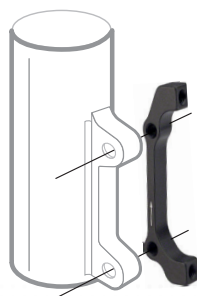


M3 ROTOR SPEC.

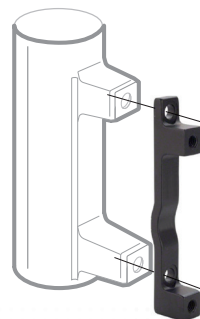
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM



TL Rotor



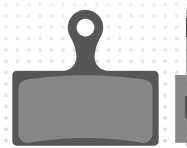
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX852 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

Hydraulic disc brakes

M4

4 Piston - Powerful Hydraulic Brake System

The M4 is a new 4 piston brake system from Clarks. Our most powerful production brake produced to date, the M4 is lightweight with a slimline design, and 4x16mm pistons per calliper, each delivering smooth, powerful, modulated braking force at the rotors. Perfect for all riding conditions encountered by the adventurous downhill rider and e-bikes, the M4 is the ideal brake system for more challenging environments where 'feathering' is required.

Supplied with sintered pads as standard to meet EN 15194 testing.

M4 SPECIFICATION

Brake System	Four piston hydraulic
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	240g
Weight - Rear Calliper & Lever	242g
Replacement Pads	VX/VRX851
Calliper Bracket	I.S. or P.M.

M4 CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and bolts

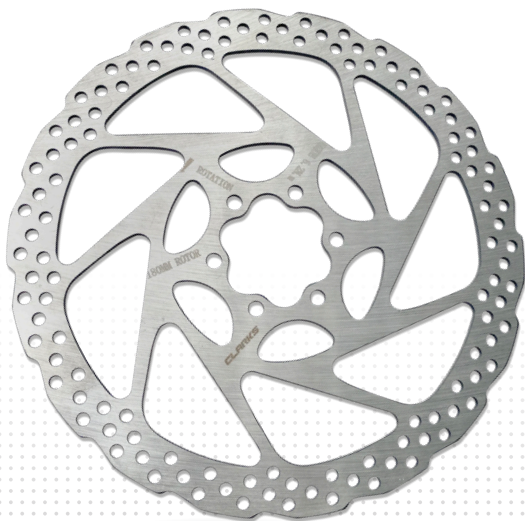
M4 WHEEL OPTIONS

Front P.M. 160mm (no bracket)
Front P.M. or I.S. 180mm
Front P.M. or I.S. 203mm
Rear P.M. 160mm (no bracket)
Rear P.M. or I.S. 180mm
Rear P.M. or I.S. 203mm
C-Jet
Olive and Insert

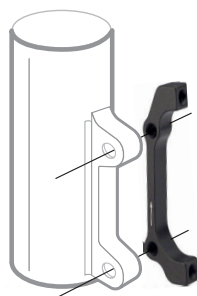


M4 ROTOR SPEC.

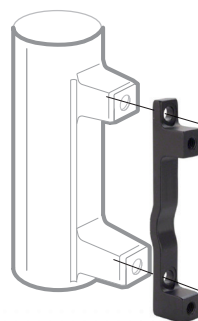
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Weight - 203mm	188g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM
Replacement Part No. - 203mm	TL-027-203MM



TL Rotor



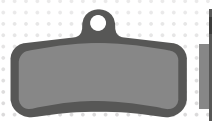
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VRX851 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing.

Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

Hydraulic disc brakes

HD-M3000

2 Piston - E-Bike Hydraulic Brake, with shut off

Dual Pistons - Open Hydraulic System E brake for Electric bikes, with sensor control design cutting line. **Designed for use on 30km/hr E-bikes**, it consists of a 2 piece forged calliper allowing internal maintenance, the brake is specifically designed for use with E-bikes and has an automatic motor shut off when the brake lever is applied resulting in safe braking. Sensor Control waterproof contact, 3 fingers lever length.

Supplied with sintered pads as standard to meet EN 15194 testing.

HD-M3000 SPECIFICATION

Brake System	Dual piston hydraulic
Shut Off Sensor	Juliet Male 8 (2 Pin Connector 250mm)
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	280g
Weight - Rear Calliper & Lever	284 g
Replacement Pads	Clarks VX/VRX811
Calliper Bracket	I.S. or P.M

HD-M3000 CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	140mm, 160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and bolts

HD-M3000 WHEEL OPTIONS

Front P.M. or I.S. 160mm
Front P.M. or I.S. 180mm
Rear P.M. or I.S. 140/160mm
Rear P.M. or I.S. 180mm
C-Jet
Olive and Insert

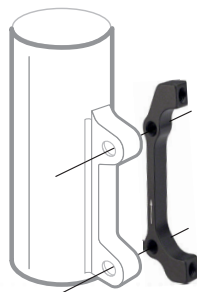


HD-M3000 ROTOR SPEC.

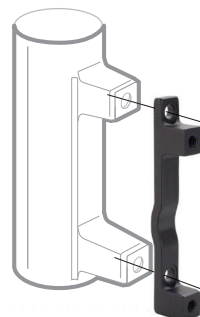
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM



TL Rotor



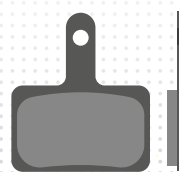
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VRX811 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

Hydraulic disc brakes

HD-M3000 PLUS

2 Piston - E-Bike Hydraulic Brake, with shut off

Dual Pistons - Open Hydraulic System E brake for Electric bikes, with sensor control design cutting line. **Designed for use on 45km/hr E-bikes**, it consists of a 2 piece forged calliper allowing internal maintenance, the brake is specifically designed for use with E-bikes and has an automatic motor shut off when the brake lever is applied resulting in safe braking. Sensor Control waterproof contact, 3 fingers lever length

Supplied with sintered pads as standard to meet EN 15194 testing.

HD-M3000 PLUS SPECIFICATION

Brake System	Dual piston hydraulic
Shut Off Sensor	Juliet Male 8 (2 Pin Connector 250mm)
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	280g
Weight - Rear Calliper & Lever	284 g
Replacement Pads	Clarks VX/VRX811
Calliper Bracket	I.S. or P.M

HD-M3000 PLUS CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm, 180mm of 203mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and bolts

HD-M3000 PLUS WHEEL OPTIONS

Front P.M. or I.S. 160mm

Front P.M. or I.S. 203mm

Rear P.M. 180mm

Rear P.M. or I.S. 203mm

C-Jet

Olive and Insert



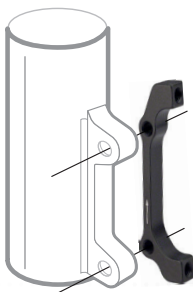
E BIKE

HD-M3000 PLUS ROTOR

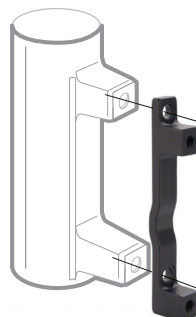
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Weight - 203mm	188g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM



TL Rotor



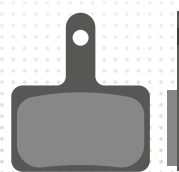
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VRX811 Pad Profile

**C-Jet : Internal frame routing system**

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.



Hydraulic disc brakes

CLOUT PLUS

2 Piston - Improved Power, Hydraulic Brake System

The Clout Plus, Clarks new hydraulic brake system, has all the benefits of the popular Clout brake, but with a larger calliper piston of 22mm. The resulting increase in power and control makes this the ideal brake for Downhill MTB's and riders whose faster riding style demands greater stopping force from their brakes. Built on the success of the M Series brake sets, the Clout Plus features, self adjusting 22mm pistons, Semi-metallic pads, for improved wear and control, lever reach adjustment and mineral oil fluid.

Supplied with sintered pads as standard to meet EN 15194 testing.

CLOUT PLUS SPECIFICATION

Brake System	Dual piston hydraulic
Lever	3 Finger for greater leverage
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	300g
Weight - Rear Calliper & Lever	304g
Replacement Pads	Clarks VX/VRX811
Calliper Bracket	I.S. or P.M

CLOUT PLUS CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and bolts

CLOUT PLUS WHEEL OPTIONS

Front I.S. 160mm
Front P.M. 160mm (no bracket)
Front P.M. or I.S. 180mm
Rear I.S. 160mm
Rear P.M. 160mm (no bracket)
Rear P.M. or I.S. 180mm
C-Jet
Olive and Insert



CLOUT PLUS ROTOR SPEC.

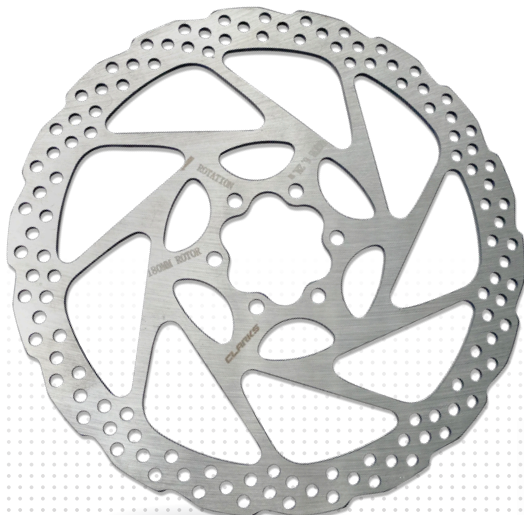
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM



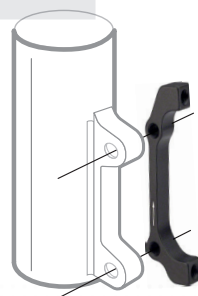
3 Finger lever

Self adjusting 22mm calliper pistons

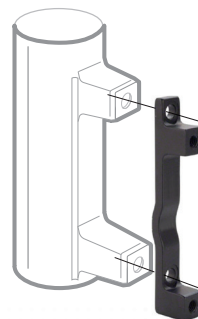
Semi-Metallic pads



TL Rotor



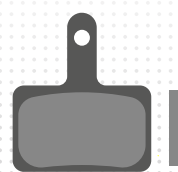
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VRX811 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing.

Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

Hydraulic disc brakes

e-CLOUT

2 Piston - Electric Bike Hydraulic Brake System

The e-Clout, Clarks new hydraulic brake system has all the benefits of the popular Clout brake, but with a larger calliper piston of 22mm, providing greater power and control. The self adjusting 22mm pistons provide greater stopping force making it the ideal brake set for E-bikes and MTB's. Built on the success of the M series brake sets, the e-Clout features Semi-metallic pads, for improved wear and control, lever reach adjustment and mineral oil fluid.

Supplied with sintered pads as standard to meet EN 15194 testing.

E-CLOUT SPECIFICATION

Brake System	Dual piston hydraulic
Lever	3 Finger for greater leverage
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluidw	Mineral oil
Weight - Front Calliper & Lever	300g
Weight - Rear Calliper & Lever	304g
Replacement Pads	Clarks VX/VRX811
Calliper Bracket	I.S. or P.M

E-CLOUT CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and bolts

E-CLOUT WHEEL OPTIONS

Front I.S. 160mm
Front P.M. 160mm (no bracket)
Front P.M. or I.S. 180mm
Rear I.S. 160mm
Rear P.M. 160mm (no bracket)
Rear P.M. or I.S. 180mm
C-Jet
Olive and Insert

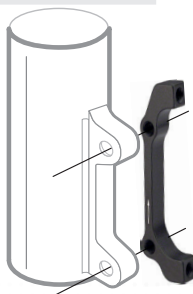


E-CLOUT ROTOR SPEC.

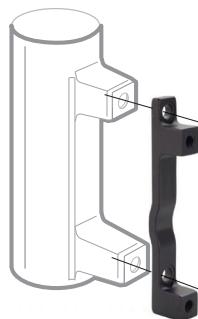
Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM



TL Rotor



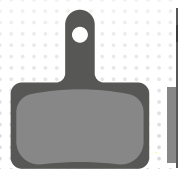
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VRX811 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.



3 Finger lever

Self adjusting 22mm calliper pistons

Semi-Metallic pads



Hydraulic disc brakes

M2 JUNIOR

2 Piston - Award Winning Brake System (Short Reach)

Offering all the performance advantages of the award winning M2, Clarks M2 Junior brings high level performance and braking power to the junior MTB and hybrid bike rider. A combination of a shorter reach lever, (with reach adjustment), and self adjusting calliper pistons makes the M2 junior the perfect brake set for riders with small hands.

Supplied with sintered pads as standard to meet EN 15194 testing.

M2 JUNIOR SPECIFICATION

Brake System	Dual piston hydraulic
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	274g
Weight - Rear Calliper & Lever	278g
Replacement Pads	VX/VRX811
Calliper Bracket	I.S. or P.M

M2 JUNIOR CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Sintered pads
Calliper Bracket	1 x Bracket, spacers and

M2 JR WHEEL OPTIONS

Front I.S. 160mm
Front P.M. 160mm
Front P.M. or I.S. 180mm
Rear I.S. 160mm
Rear P.M. or I.S. 180mm
C-Jet
Olive and Insert



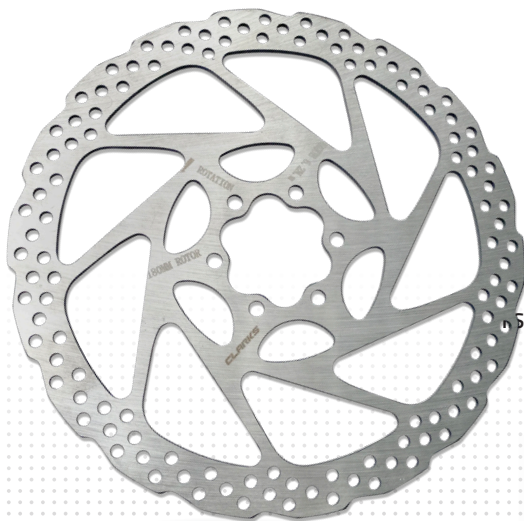
M2 JUNIOR ROTOR SPEC.

Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM

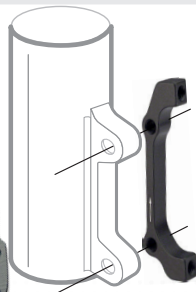


Short reach
Lever

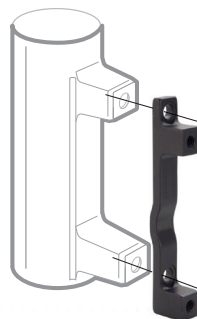
Self adjusting
pistons



TL Rotor



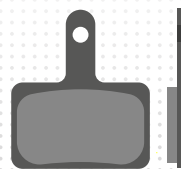
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VRX811 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

Hydraulic disc brakes

CLOUT JUNIOR

2 Piston - Hydraulic Brake System (Short Reach)

Clarks Clout offers greater control and power. Suitable for installation on MTB/Hybrid bikes, the 2 piston calliper, open system with mineral oil fluid offers excellent heat expansion properties. Clout features lever reach adjustment, easy installation, adjustment and maintenance.

CLOUT JUNIOR SPECIFICATION

Brake System	Dual piston hydraulic
Rotor	Single piece
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper & Lever	304g
Weight - Rear Calliper & Lever	308g
Replacement Pads	Clarks VX/VRX11
Calliper Bracket	I.S. or P.M

CLOUT JUNIOR CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Wavy Rotor	160mm or 180mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Semi-Metallic pads
Calliper Bracket	1 x Bracket, spacers and

CLOUT JR WHEEL OPTIONS

Front P.M. 160mm (no bracket)
Front P.M. 180mm
Rear I.S. 160mm
Rear P.M. 160mm (no bracket)
C-Jet
Olive and Insert



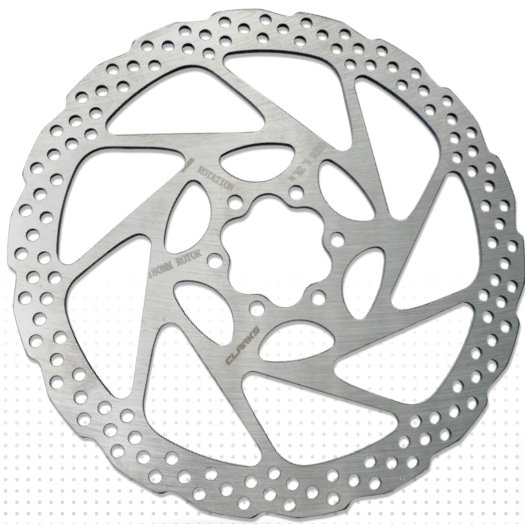
CLOUT JUNIOR ROTOR SPEC.

Material	High Grade Stainless Steel (120CR)
Design	Wavy Type
Weight - 160mm	142g
Weight - 180mm	164g
Bolt Torque setting	6.2 Nm
Replacement Part No. - 160mm	TL-027-160MM
Replacement Part No. - 180mm	TL-027-180MM

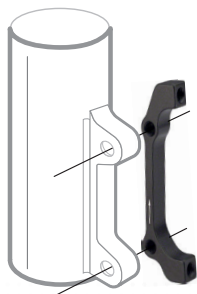


Short reach Lever

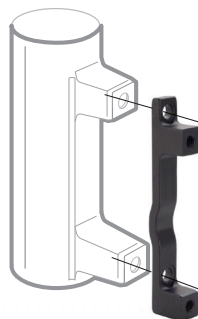
Self adjusting pistons



TL Rotor



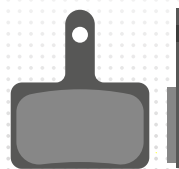
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX811 Pad Profile



C-Jet : Internal frame routing system

The master cylinder comes with the lever disconnected from the hose to allow for installation into frames with integrated routing. Prevents the need to re-bleed the brakes after installation.

We recommend you test the brake after fitting. If necessary pull the lever back to the grip on handle bars, cable tie in place 24 hours to ensure air is out of the system.

CHM-8

2 Piston - Hydro Mechanical Flat Mount Brake System

Clarks Semi hydraulic flat mount disc brake has the advantage of hydraulic power and parallel braking but is operated using cables and so can be fitted to road as well as MTB and Gravel bikes. Tested to ISO 4210 it features heat cooling vents and light weight floating rotors for more efficient operation and consistent braking performance. Flat mount fit callipers use mineral oil and are supplied with floating rotors manufactured from aviation alloy with stainless steel braking bands.

CHM-8 SPECIFICATION

Cable Operated Brake System	Dual piston hydraulic
Rotor	Floating
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper	134g
Weight - Rear Calliper	134g
Replacement Pads	Clarks VX/VRX811
Calliper Bracket	Flat Mount

CHM-8 CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Floating Rotor	140mm or 160mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Semi-Metallic pads
Calliper Bracket	1 x Bracket, spacers and bolts

CHM-8 WHEEL OPTIONS

- Front & Rear 140mm FM
- Front & Rear 160mm FM

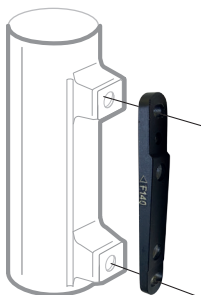


CHM-8 ROTOR SPEC.

Material	High Grade Stainless Steel (120CR)
Design	Floating Type
Weight - 140mm	104g
Bolt Torque setting	6.2 Nm



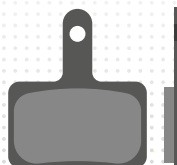
Floating Rotor



Flat Mount Bracket - 140/160mm



T25 Torx Rotor Bolt x6



VX811 Pad Profile

Hydraulic disc brakes

CHM-05

2 Piston - Improved Power Hydro Mechanical Flat Mount Brake System

Clarks semi-hydraulic flat mount disc brake has the advantage of hydraulic power but is operated using cables and so can be fitted to road as well as MTB bikes. Suitable for cross bikes and road bikes, tested to ISO 4210 it includes lightweight floating rotors for more efficient operation and consistent braking performance. Large 22mm diameter pistons provide greater braking force.

CHM-05 SPECIFICATION

Cable Operated Brake System	Dual piston hydraulic
Rotor	Floating
Rotor Bolts	6 x T25 Torx head
Fluid	Mineral oil
Weight - Front Calliper	134g
Weight - Rear Calliper	134g
Replacement Pads	VX/VRX862
Calliper Bracket	Flat Mount

CHM-05 CONTENT

Brake System	1 x Pre-bled (Front or Rear)
Floating Rotor	140mm and 160mm
Rotor Bolts	6 x T25 Torx Head
Pads	2 x Semi-Metallic pads
Calliper Bracket	1 x Bracket, spacers and bolts

CHM-05 WHEEL OPTIONS

Front 160mm & Rear 140mm FM

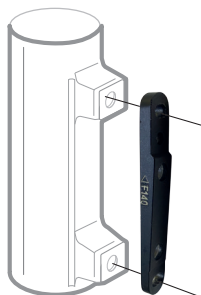


CHM-05 ROTOR SPEC.

Material	High Grade Stainless Steel (120CR)
Design	Floating Type
Weight - 160mm	122g
Weight - 140mm	104g
Bolt Torque setting	6.2 Nm



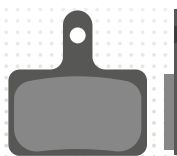
Floating Rotor



Flat Mount Bracket - 140/160mm



T25 Torx Rotor Bolt x6



VX862 Pad Profile

CMD-21

Entry level mechanical disc brake system

The CMD-21 is a perfect entry level mechanical brake system that offers easy pad and cable tension adjustment for quick set up. It also boasts a lightweight and compact design that is aesthetically pleasing. (Available for OEM purchases only).

Contents:

- 1 x Calliper Inc. bracket (If I.S. ordered)
- 1 x Wavy design rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair of organic pads pre fitted

Replacement pads:

VX865

Rotor Sizes:

Front or Rear I.S. 140mm Wavy
 Front or Rear I.S. 160mm Wavy
 Front or Rear P.M. (No bracket) 160mm Wavy

Colour:

Black



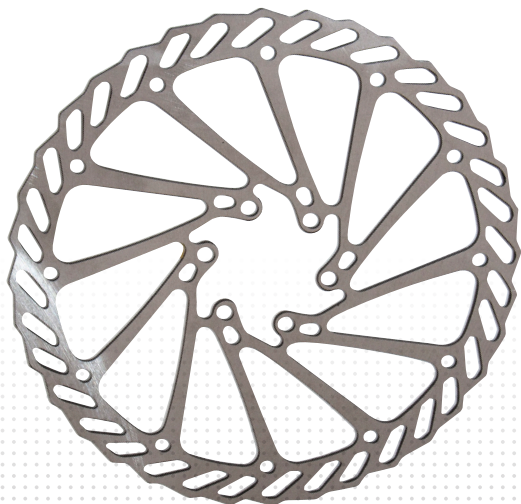
Wheel Options

Front I.S. 160mm

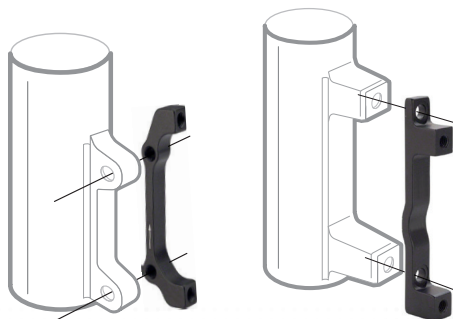
Front P.M. 160mm (no bracket)

Rear I.S. 160mm

Rear P.M. 160mm (no bracket)



Wavy Rotor

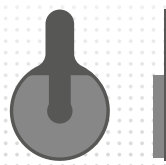


I.S. Bracket - 160/180mm

P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX865 Pad Profile

Mechanical disc brakes

CMD-21R

Clarks new lightweight disc brake suitable for road bikes. Available with 160mm rotor options. Post Mount and International Standard for 160mm available.

Contents:

- 1 x Calliper Inc. bracket (if I.S. ordered)
- 1 x Single piece rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair of organic pads pre fitted

Replacement pads:

VX865

Rotor Sizes:

Front or Rear I.S. 160mm Rotor
Front or Rear P.M. 160mm Rotor

Colour:

Black

Wheel Options

Front I.S. 160mm

Front P.M. 160mm (no bracket)

Rear I.S. 160mm

Rear P.M. 160mm (no bracket)



EASY
FIT



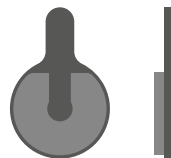
POST
MOUNT



INTERNATIONAL
STANDARD



LIGHTWEIGHT



VX865 Pad Profile



CMD-21KIDS - Safety Disc Brake

Clarks kids brake range, suitable for kids bikes. Available with 160mm rotor options. Post Mount and International Standard for 160mm available. Safety rotor for kids bikes.

Contents:

- 1 x Calliper Inc. bracket (if I.S. ordered)
- 1 x Kids safety rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair of organic pads pre fitted

Replacement pads:

VX865

Rotor Sizes:

Front or Rear I.S. 160mm Rotor

Front or Rear P.M. 160mm Rotor

Colour:

Black

Wheel Options

Front I.S. 160mm

Front P.M. 160mm (no bracket)

Rear I.S. 160mm

Rear P.M. 160mm (no bracket)



EASY
FIT



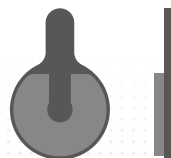
POST
MOUNT



INTERNATIONAL
STANDARD



LIGHTWEIGHT



VX865 Pad Profile



Safety Rotor

CMD-23

Lightweight mechanical disc brake system

Clarks lightweight mechanical disc brake.
Available with 140mm, 160mm and 180mm rotor options.

Contents:

- 1 x Calliper Inc. bracket (If I.S. ordered)
- 1 x Wavy single piece design rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair of semi-metallic composite pads pre-fitted

Replacement pads:

VX811

Rotor Sizes:

Front or Rear I.S. 140mm Rotor
 Front or Rear I.S. 160mm Rotor
 Front or Rear P.M. (No bracket) 160mm Rotor
 Front I.S. 180mm Rotor

Colour:

Black

Wheel Options

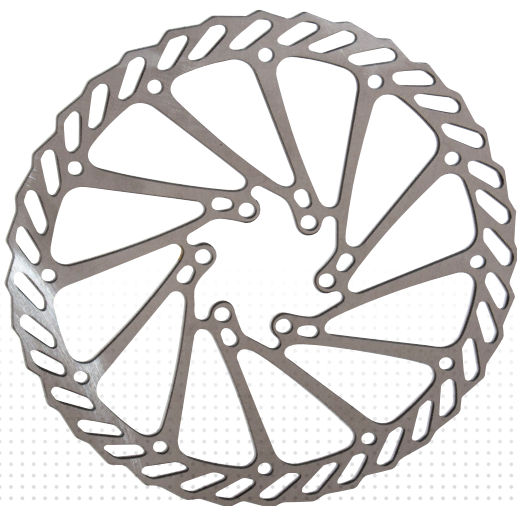
Front I.S. or P.M. 140mm

Front I.S. or P.M. 160mm

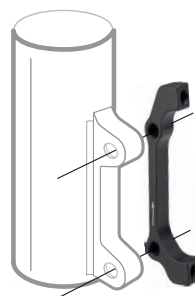
Front I.S. 180mm

Rear I.S. or P.M. 140mm

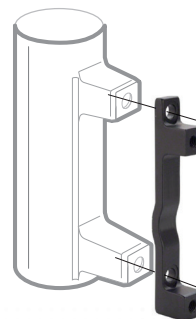
Rear I.S. or P.M. 160mm



Wavy Rotor



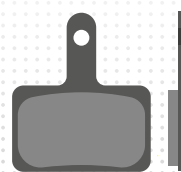
I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX811 Pad Profile

Mechanical disc brakes

CMD-24E

E-Bike mechanical disc brake

Clarks E-Bike mechanical disc brake calliper, manufactured in aluminium alloy, features wider disc pads for greater efficiency and stopping power. Available in front or rear options. Front with 160mm or 180mm rotors, rear with 160mm or 180mm rotors, both I.S. or Post Mount.

Supplied with sintered pads as standard to meet EN 15194 testing.

Contents:

- 1 x Calliper Inc. bracket (If I.S. ordered)
- 1 x TL single piece design rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair of semi-metallic composite pads pre-fitted

Replacement pads:

VX824

Rotor Sizes:

Front or Rear I.S. 160mm Rotor
Front or Rear P.M. 160mm Rotor
Front I.S. 180mm Rotor

Colour:

Black

Wheel Options

Front I.S 160mm

Front P.M. 160mm (no bracket)

Front I.S.180mm

Rear I.S. 160mm

Rear P.M. 160mm (no bracket)



EASY
FIT



POST
MOUNT



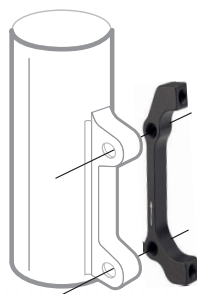
INTERNATIONAL
STANDARD



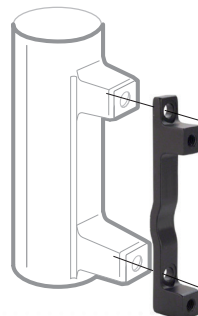
LIGHTWEIGHT



TL Rotor



I.S. Bracket - 160/180mm



P.M. Bracket - 180mm



T25 Torx Rotor Bolt x6



VX824 Pad Profile



CMD-25

E-Bike mechanical disc brake

Clarks new CMD-25 E-Bike mechanical disc brake calliper, features a single piece calliper, CNC machined in aluminium alloy for extra strength. In order to generate the additional braking forces required for e-bikes, the CMD-25 has self-aligning sintered pads, ensuring full contact with the rotor at all times.

Supplied with sintered pads as standard to meet EN 15194 and EPAC testing.

Contents:

- 1 x Calliper Inc. bracket
- 1 x TL single piece rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair of semi-metallic composite pads pre-fitted

Replacement pads:

VX811

Rotor Sizes:

Front or Rear P.M. 160mm Rotor
 Front or Rear P.M. 180mm Rotor
 Front or Rear P.M. 203mm Rotor

Colour:

Black

Wheel Options

Front P.M. 160mm (no bracket)

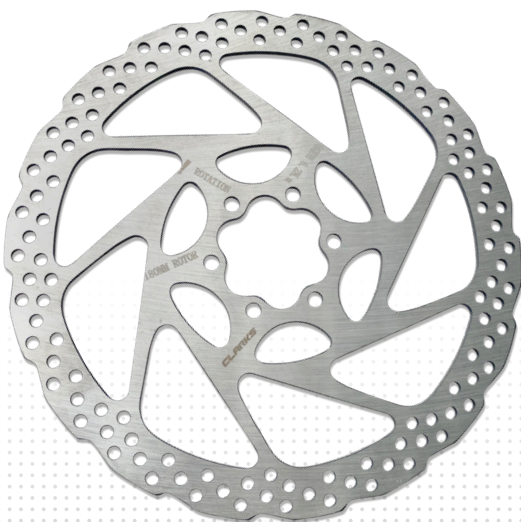
Front P.M. 180mm

Front P.M. 203mm

Rear P.M. 160mm (no bracket)

Rear P.M. 180mm

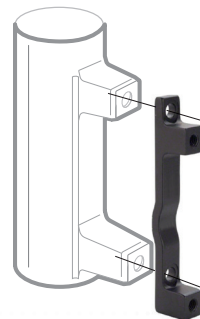
Rear P.M. 203mm



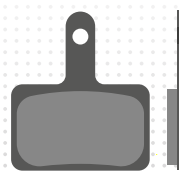
TL Rotor



T25 Torx Rotor Bolt x6



P.M. Bracket - 180/203mm



VX811 Pad Profile

Mechanical disc brakes

CMD-28FM

Flat mount mechanical disc brake system

The CMD-28 flat mount mechanical disc brake is suitable for road, cyclo-cross, hybrid, gravel and drop bar bikes. The callipers are lightweight in design and feature a built in pad adjustment that will ensure a perfect brake setup.

Contents:

- 1 x Calliper Inc. bracket (If I.S. ordered)
- 1 x Wavy single piece design rotor
- 6 x T25 Torx head rotor bolts
- 2 x Mount bolts and spacers
- 1 Pair disc pads

Replacement pads:

VX811

Rotor Sizes:

Front or Rear FM 140mm Rotor
 Front or Rear FM 160mm Rotor
 Front or Rear FM 180mm Rotor

Colour:

Black

Wheel Options

Front 140mm

Front 160mm

Rear 140mm

Rear 160mm



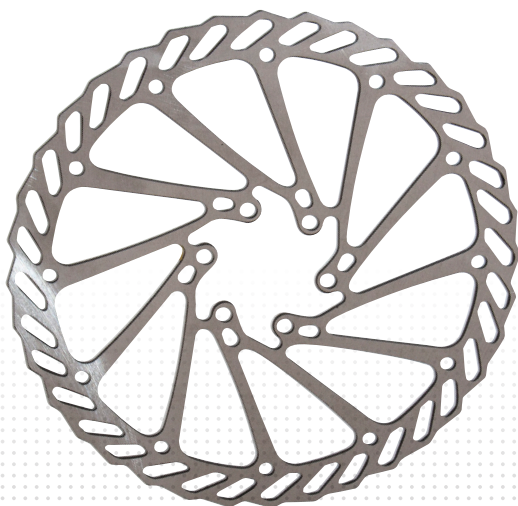
EASY
FIT



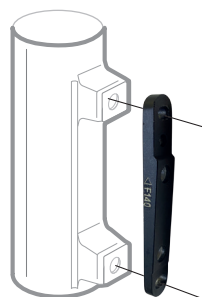
FLAT
MOUNT



LIGHTWEIGHT



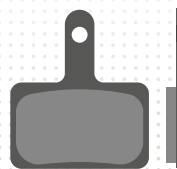
Wavy Rotor



Flat Mount Bracket - 140/160mm



T25 Torx Rotor Bolt x6



VX811 Pad Profile

Centre Lock Rotor

Clarks centre lock rotor features a high grade stainless steel rotor with aluminium splined centre lock fitting. Shimano compatible this rotor offers reduced heat transfer, lower noise and consistent braking. Supplied with optional replacement locking ring, for either Thru axle or Quick release hubs.

- High grade stainless steel rotor
- Shimano compatible
- Locking ring for Quick release or Thru axle hub
- Consistent braking

Options:

Available with either:
Thru Axle Locking ring, Quick Release locking ring or
without locking rings

Rotor Sizes:

160mm, 180mm or 203mm



Thru Axle
locking ring



Quick Release
locking ring

V-Brake sets

CLK-370-960

V-brake calliper and lever set including all cable housing, fixings and stainless steel guide pipes. Ideal for MTB and Hybrid cycles. Supplied with pads.

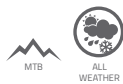
- Compatible with both U & V-Brake callipers
- Flip flop design
- Hinged clamp for easy installation
- Integrated cable adjusters
- Die cast alloy construction linear pull brake
- 55mm rubber brakes shoes Inc.
- Steel guide pipe and rubber boot Inc.
- Supplied with front and rear cables
- Supplied with outer casing

Contents:

Front and rear set - 2 x callipers, 2 x levers, cables, pads and stainless steel guide pipes.

Code

CLK-370-960



CLK-115-27-SILVER

V-brake calliper and lever set including all cable housing, fixings and stainless steel guide pipes. Ideal for MTB and Hybrid cycles. Supplied with pads.

- Compatible with both U & V-Brake callipers
- Flip flop design
- Hinged clamp for easy installation
- Integrated cable adjusters
- Die cast alloy construction linear pull brake
- 55mm rubber brakes shoes Inc.
- Steel guide pipe and rubber boot Inc.
- Supplied with front and rear cables
- Supplied with outer casing

Contents:

Front and rear set - 2 x callipers, 2 x levers, cables, pads and stainless steel guide pipes.

Code

CLK-115-27-SILVER



V-Brake levers and V-Brake callipers



CLK-370D

Die cast alloy bracket and lever for use with twist and thumb gear shift

- Die cast alloy construction
- Compatible with both U & V brake callipers
- Hinged clamp for easy installation
- Integrated cable adjuster

Colour - ED Black

Code

CLK-370D



CL-14

3 Finger, die cast alloy bracket and lever, for use with twist and thumb gear shift.

- Die cast alloy construction
- Compatible with both U & V-Brake callipers
- Integrated cable adjusters

Colour - ED Black

Code

CL-14



CL-24

3 Finger, die cast alloy bracket and lever, for use with twist and thumb gear shift.

- Lightweight design
- Die cast alloy construction
- Compatible with both U & V-Brake callipers
- Hinged clamp for easy installation
- Integrated cable adjusters

Colour - ED Black

Code

CL-24



CL-05D-A

2 Finger, die cast alloy lever, for kids bikes

- Lightweight design
- Alloy adjuster
- UCP bolts and nuts
- Die cast alloy lever and nylon bracket
- Suitable for maximum 24" Bikes

Colour - ED Black

Code

CL-05D-A



CL-05A-C

2 Finger, die cast alloy lever, for kids bikes

- Lightweight design
- Alloy adjuster
- UCP bolts and nuts
- Die cast alloy lever and nylon bracket
- Suitable for maximum 20" Bikes

Colour - ED Black

Code

CL-05A-C



CLK115X2

Steel callipers, ideal for MTB and Hybrid cycles. Supplied with pads.

- Steel construction linear pull brake
- 55mm rubber brakes shoes Included
- Steel guide pipe and rubber boot Included

Contents:

Front and rear calliper - 2 x callipers, 2 x pairs of pads, guide pipe and boots

Code

CLK115X2



CLK-960DX

Die cast alloy calliper, ideal for MTB and Hybrid cycles. Supplied with pads.

- Die cast alloy construction
- Linear pull brake
- 55mm rubber brakes shoes included.
- Steel guide pipe and rubber boot included

Contents:

Front or rear calliper - 1 x Calliper, 1 x pair of pads, guide pipe and boot

Code

CLK-960DX



CLK-13A

Die cast alloy calliper, ideal for MTB and Hybrid cycles. Supplied with pads.

- Die cast alloy construction
- Linear pull brake
- 70mm rubber brakes shoes Inc.
- Arm length 110mm or 115mm

Contents:

Front or rear calliper - 1 x Calliper, 1 x pair of pads, guide pipe and boot

Code

CLK-13A



OEM SUPPORT

We are dedicated to our customers and endeavour to support them in every way possible. So in response to an ever changing retail landscape we have built up and developed our customer support.

100% RELIABLE SUPPLY CHAIN

Our service centre provides all our customers with a comprehensive 'back-up' service. We freely provide warranty work, and technical advice as well as a replacement parts catalogue for all our current and older hydraulic and mechanical disc brake systems. To further assist we have a range of 'how to' instructional videos on our website demonstrating how parts can be fitted and replaced when need arises.

WORKING WITH INTERNATIONAL BRANDS

Our worldwide distribution centres guarantee effective and reliable delivery of product across Central and Western Europe as well as Eastern Europe, U.S.A, South America and India.

AFTERMARKET SUPPORT

Our comprehensive distribution network means that we can deliver product where ever possible within 24 hours of order placement.

SERVICE SUPPORT, PRODUCT & VIDEO

Visit: www.clarks.bike/how-to-videos.html for product support and 'how to' instructional videos.

CONTACT

Hotline: +44 (0)1455 254800
Email: info@clarks.bike



UK Head Office & Distribution Centre

Sales, administration and finance. Design/marketing and development department. Service centre and customer support. Warehouse.

Clarks Cycle Systems Ltd.

6 Lakeside Court
Maple Drive
Hinckley LE10 3BH
Tel: +44 (0)1455 254800
info@clarkscyclesystems.co.uk

Clarks China Office

Control of orders, suppliers and manufacturers. Order processing.

Clarks Cycle Systems Co. Ltd Ningbo Office

1103 Changqingting BLD,
NO.262, Lane 416 ZHAOHUI RD,
Yinzhou dist, Ningbo,
Zhejiang, China.
Tel: +86 (0)57487801640
info@clarkscyclesystems.com

Clarks Taiwan Office

Sales, OEM business control and management.

Clarks Cycle Systems Ltd., Taiwan Office

info@clarkscyclesystems.com