

# BENGAL Distributor information

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The latest distributor information will be updated , please refer to our website



**BENGAL**  
DISC BRAKE

# 2026

Bengal Performance Brake Systems

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[www.bengalperformance.com.tw](http://www.bengalperformance.com.tw)



# Hydraulic Disc Brake | ARES 9.5



## Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- 4 piston caliper design
- Master cylinder with reach adjustment
- 2-Piece clamp for easy assembly
- "EZ-adjust" hose connector for frame
- Pad wear inspection and cleaning made easy with open window drive
- Application: E-BIKE, CARGO Bike



## Weight

Master cylinder: 176g

Caliper: 179g

## Lever

4-finger ball-end lever blade

## Rotor

1.8mm thickness(C)

## Pad

Semi-metallic compound

## Optional

L: Parking Lock

T: 2.3mm thickness

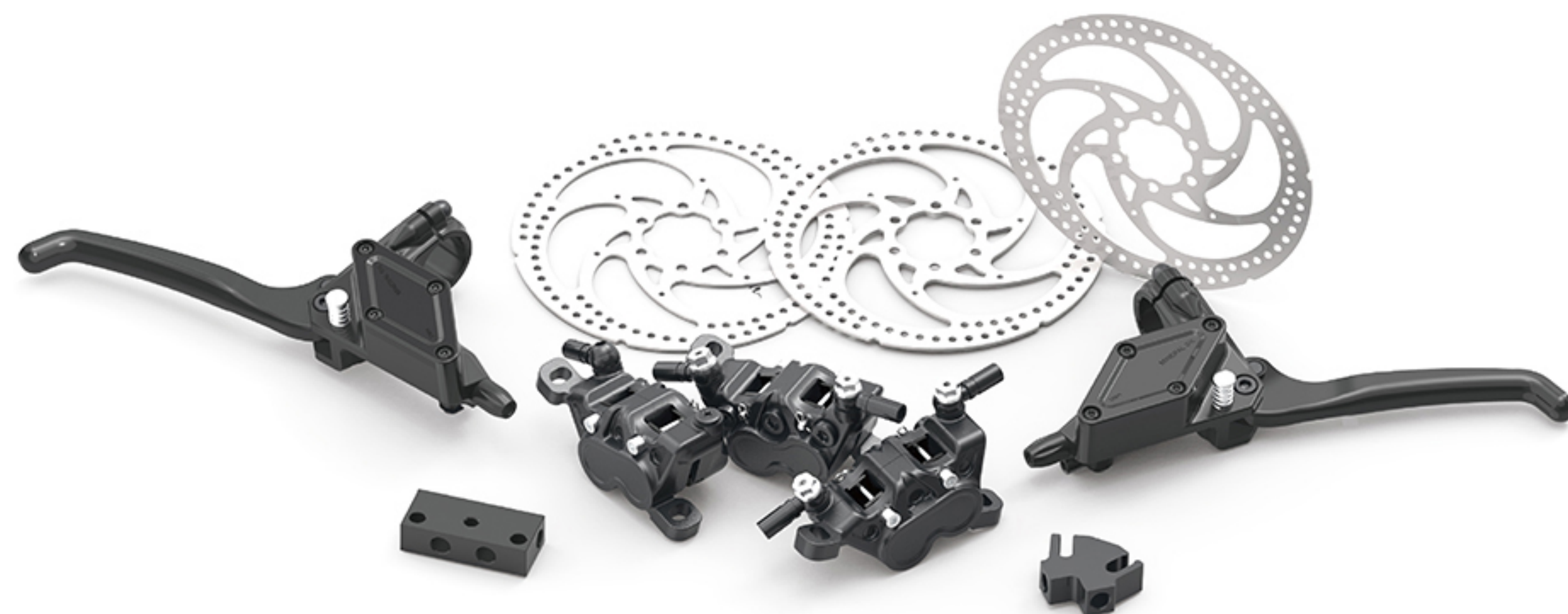
EZ: EZ PLUG IN

E: Power cut-off sensor for E-bike (Connector types please refer P.08)

EA: Analog sensor

Semi-metallic compound (5mm)

H: Handbrake kit



PATENT NO:M666924

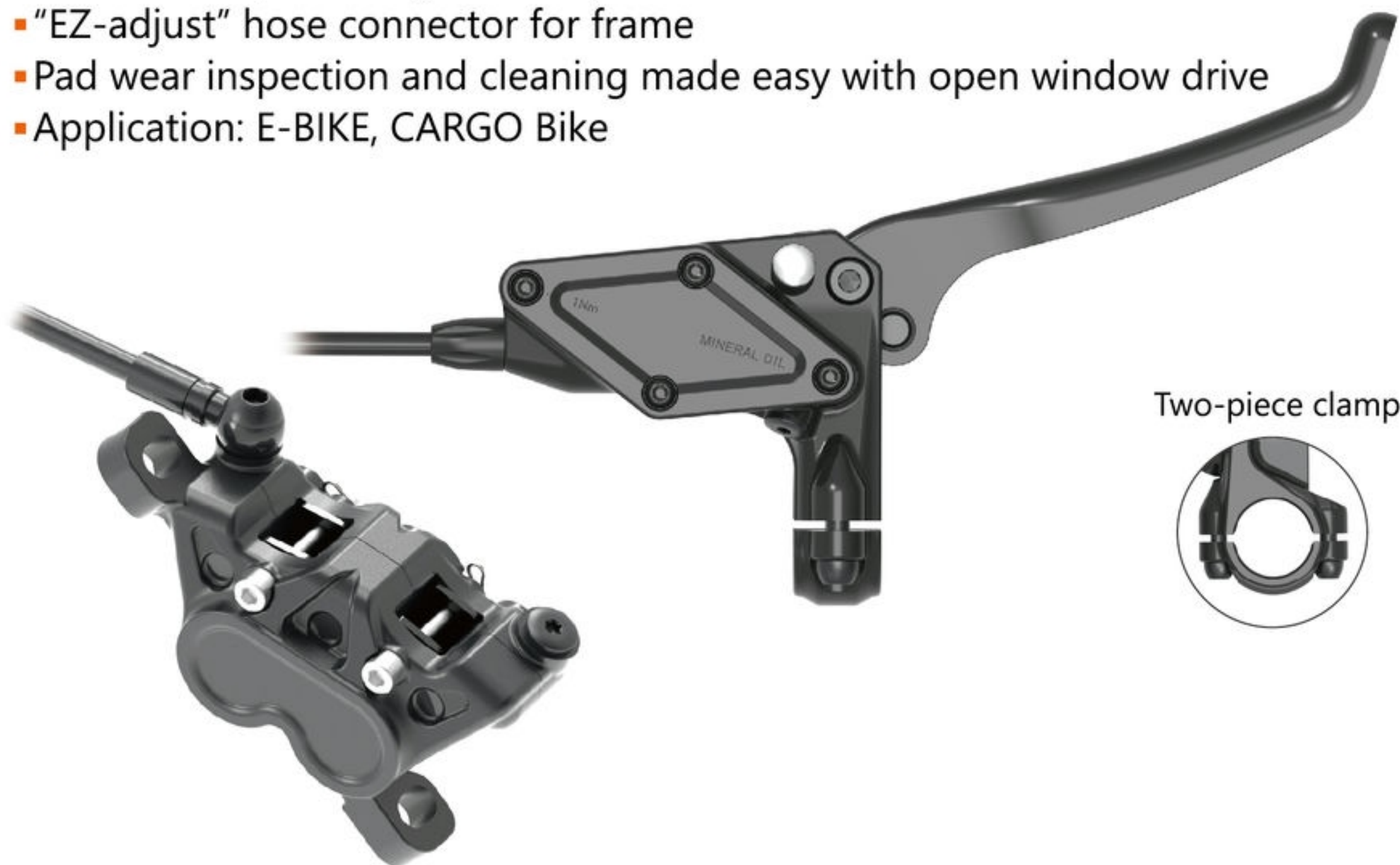


# Hydraulic Disc Brake | ARES 9



## Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- 4 piston caliper design
- Master cylinder with reach adjustment
- 2-Piece clamp for easy assembly
- "EZ-adjust" hose connector for frame
- Pad wear inspection and cleaning made easy with open window drive
- Application: E-BIKE, CARGO Bike



## Weight

Master cylinder: 179g

Caliper: 179g

## Lever

4-finger ball-end lever blade

## Rotor

1.8mm thickness(C)

## Pad

Semi-metallic compound

## Optional

L: Parking Lock

T: 2.3mm thickness

EZ: EZ PLUG IN

E: Power cut-off sensor for E-bike (Connector types please refer P.08)

EA: Analog sensor

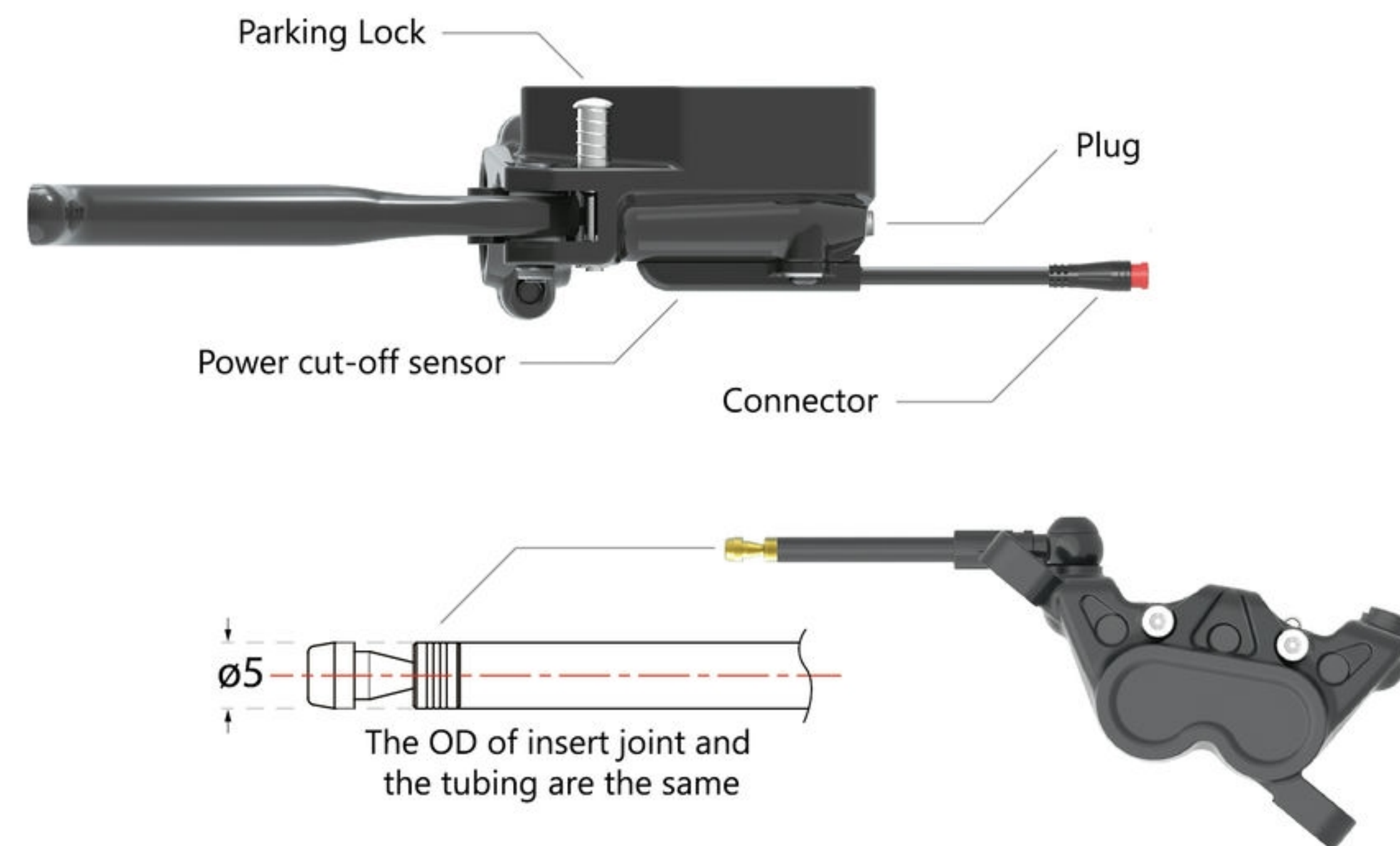
Semi-metallic compound (5mm)

H: Handbrake kit

Power cut-off sensor



Handbrake kit





# Hydraulic Disc Brake | ARES 8.5



## Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- 2-Piece clamp for easy assembly
- Pad wear inspection and cleaning made easy with open window drive
- One master cylinder with dual caliper
- Application: TRICYCLE, E-BIKE, SPECIAL TYPE



## Weight

Master cylinder: 126g  
Caliper: 112g

## Lever

4-finger ball-end lever blade

## Rotor

1.8mm thickness(C)

## Pad

Semi-metallic compound

## Optional

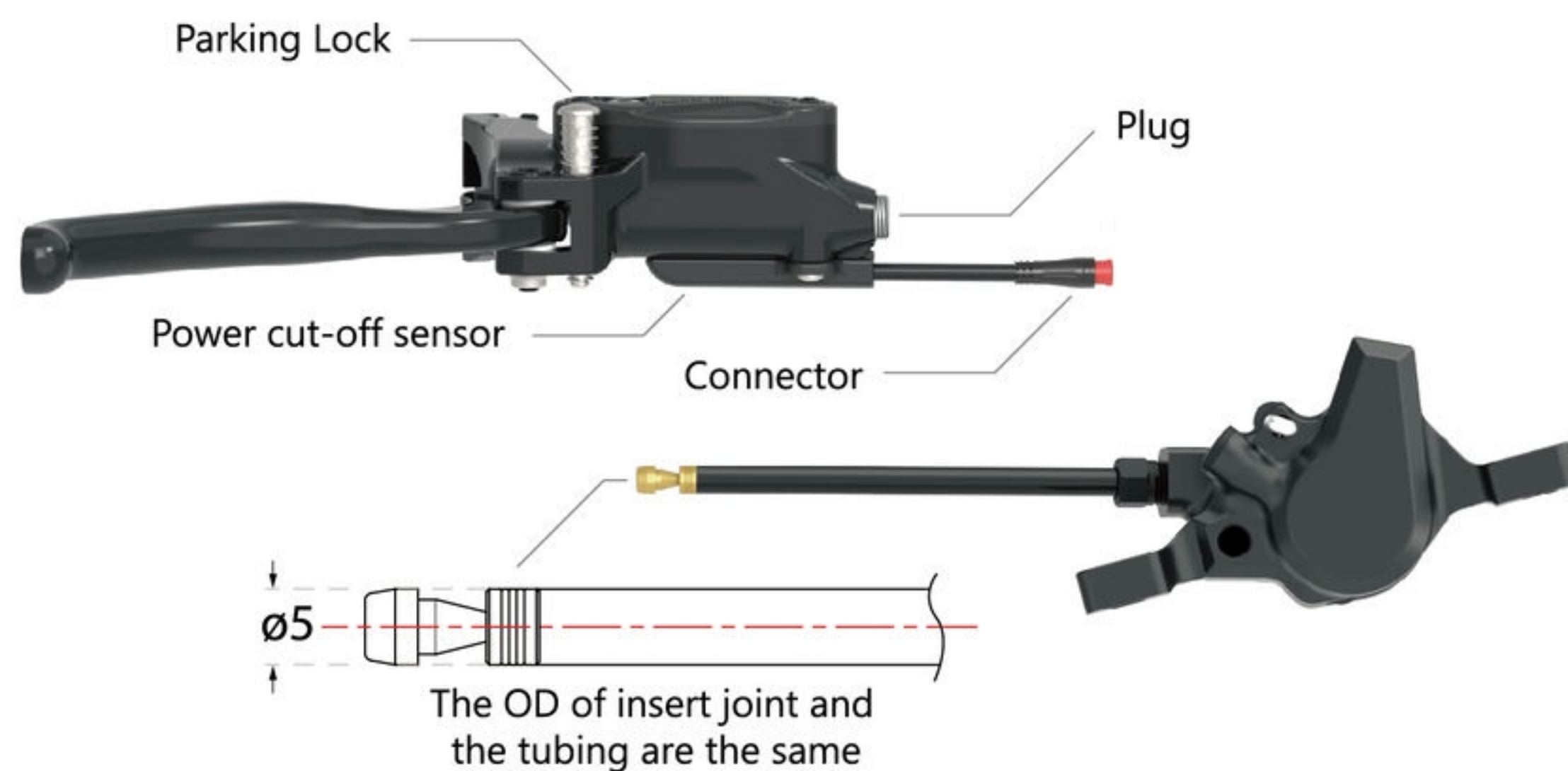
L: Parking Lock

T: 2.3mm thickness

EZ: EZ PLUG IN

E: Power cut-off sensor for E-bike (Connector types please refer P.08)

EA: Analog sensor



## EZ PLUG IN (Optional) internal cable routing

Setp.1



Thread through the frame

Setp.2



Remove the nut

Setp.3



Remove the plug

Setp.4

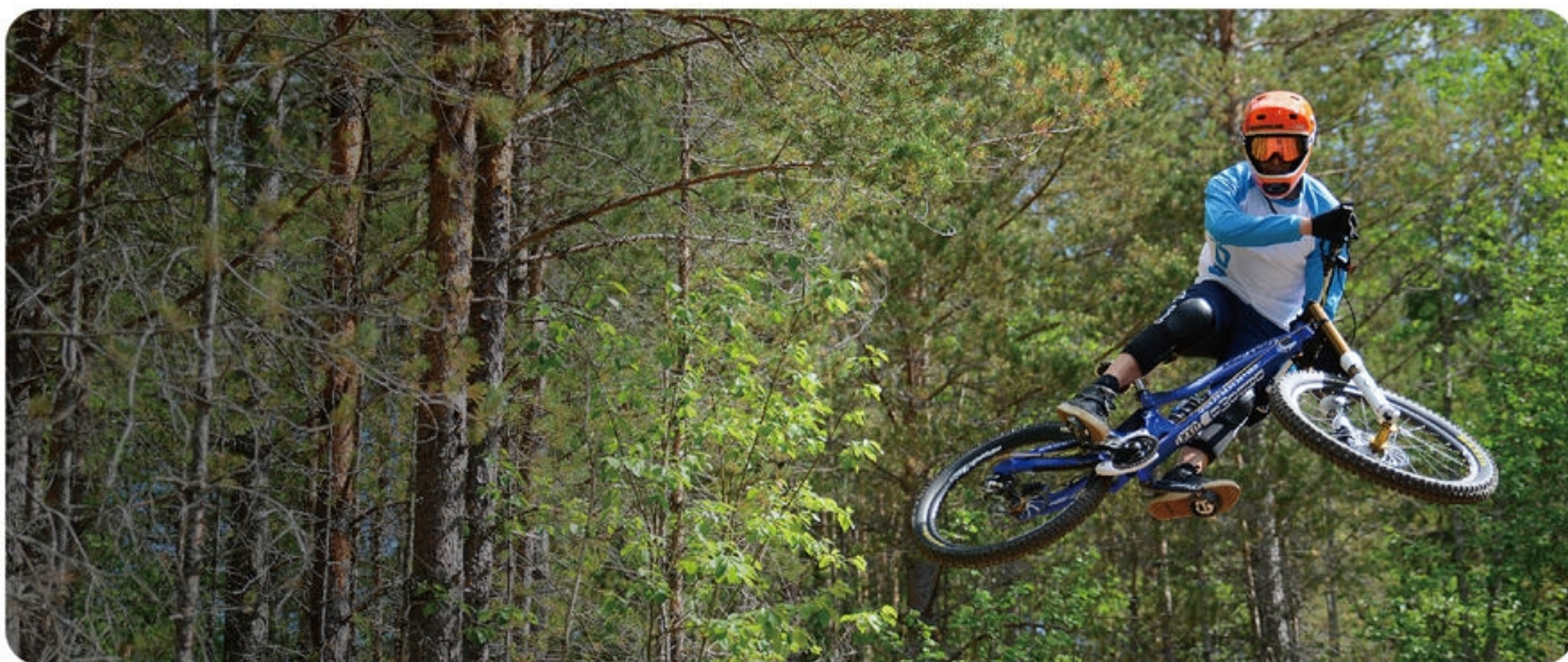


Fasten the hose kit

PATENT NO : M518750/ZL201520796991.9



# Hydraulic Disc Brake | ARES 8/8+



## Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- 2-Piece clamp for easy assembly
- Pad wear inspection and cleaning made easy with open window drive
- Application: E-BIKE, SPECIAL TYPE, URBAN BIKE



Two-piece clamp

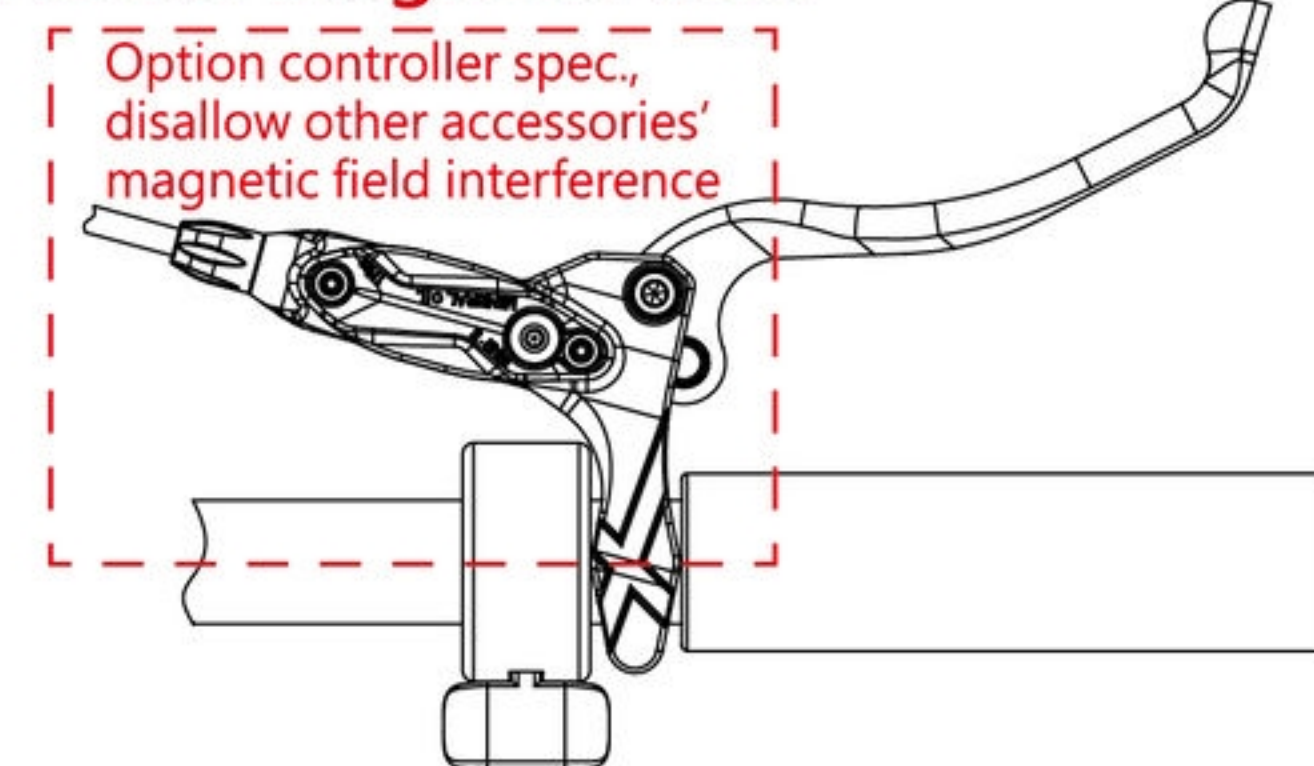
- **Weight**  
Master cylinder: 129g  
Caliper: 112g
- **Lever**  
4-finger ball-end lever blade
- **Rotor**  
1.8mm thickness(C)
- **Pad**  
Semi-metallic compound

- **Optional**  
L: Parking Lock  
T: 2.3mm thickness  
+: Hose length  $\geq 1600\text{mm}$   
EZ: EZ PLUG IN  
E: Power cut-off sensor for E-bike  
EA: Analog sensor  
H: Handbrake kit

Handbrake kit



## Notice magnetic field



Power cut-off sensor



## Connector types





## Hydraulic Disc Brake | ARES 7.5



### Technical specifications

- Direct push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- Pad wear inspection and cleaning made easy with open window drive
- One master cylinder with dual caliper
- Application: TRICYCLE, E-BIKE, SPECIAL TYPE

### Weight

Master cylinder: 100g  
Caliper: 120g

### Lever

4-finger ball-end lever blade

### Rotor

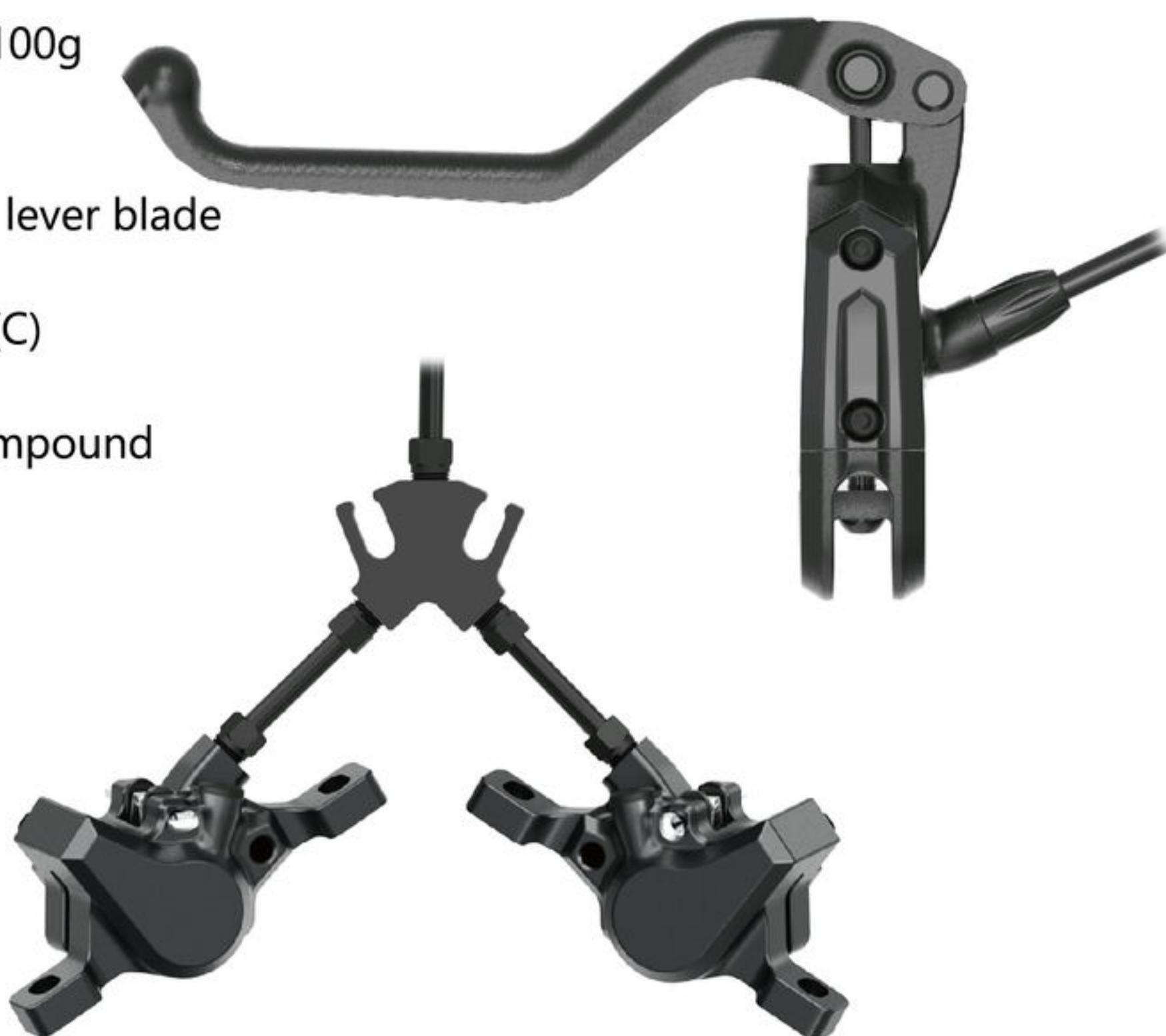
1.8mm thickness(C)

### Pad

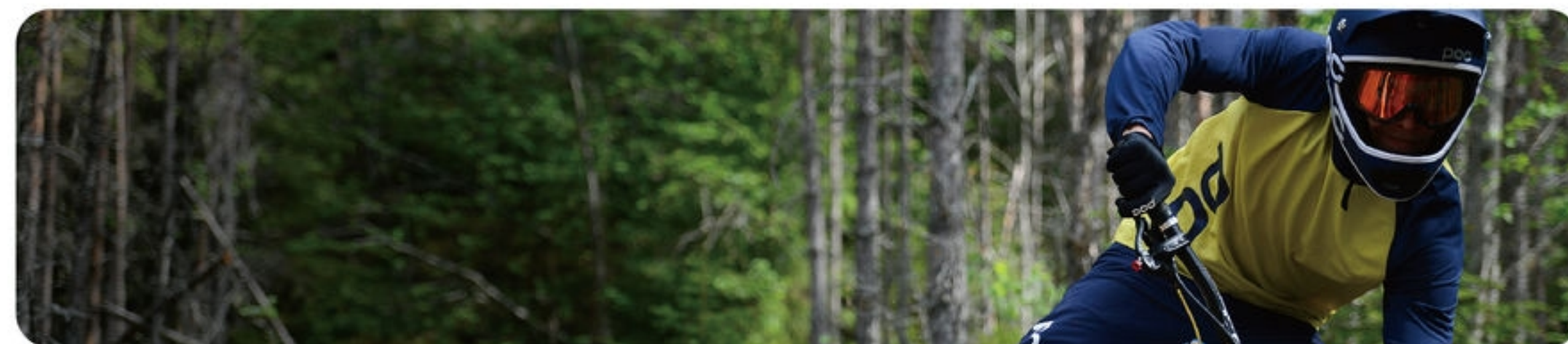
Semi-metallic compound

### Optional

L: Parking Lock  
H: Handbrake kit  
EZ: EZ PLUG IN  
E: Power cut-off sensor for E-bike (Connector types please refer P.08)



## Hydraulic Disc Brake | ARES 7+



### Technical specifications

- Direct push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- Pad wear inspection and cleaning made easy with open window drive
- Application: E-BIKE, SPECIAL TYPE, URBAN BIKE

### Weight

Master cylinder: 100g  
Caliper: 120g

### Lever

4-finger ball-end lever blade

### Rotor

1.8mm thickness(C)

### Pad

Semi-metallic compound

Power cut-off sensor



Parking Lock



### Optional

L: Parking Lock  
H: Handbrake kit  
EZ: EZ PLUG IN  
E: Power cut-off sensor for E-bike (Connector types please refer P.08)





## Hydraulic Disc Brake | ARES 4



### Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- 4 piston caliper design
- Master cylinder with reach adjustment
- 2-Piece clamp for easy assembly
- "EZ-adjust" hose connector for frame
- Pad wear inspection and cleaning made easy with open window drive
- Application: E-BIKE, URBAN BIKE

### Weight

Master cylinder: 129g  
Caliper: 161g

### Lever

4-finger ball-end lever blade

### Rotor

1.8mm thickness(C) Adjustable up to 180 degrees

### Pad

Semi-metallic compound

### Optional

L: Parking Lock  
T: 2.3mm thickness  
EZ: EZ PLUG IN  
EA: Analog sensor  
Semi-metallic compound (5mm)  
E: Power cut-off sensor for E-bike (Connector types please refer P.08)



## Hydraulic Disc Brake | ARES 4M



### Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- 4 piston caliper design
- Master cylinder with reach adjustment
- 2-Piece clamp for easy assembly
- "EZ-adjust" hose connector for frame
- Pad wear inspection and cleaning made easy with open window drive
- Application: MTB

### Weight

Master cylinder: 126g  
Caliper: 161g

### Lever

2-finger ball-end lever blade

### Rotor

1.8mm thickness(C) Adjustable up to 180 degrees

### Pad

Semi-metallic compound

### Optional

T: 2.3mm thickness  
EZ: EZ PLUG IN





# Hydraulic Disc Brake | ARES 5



## Technical specifications

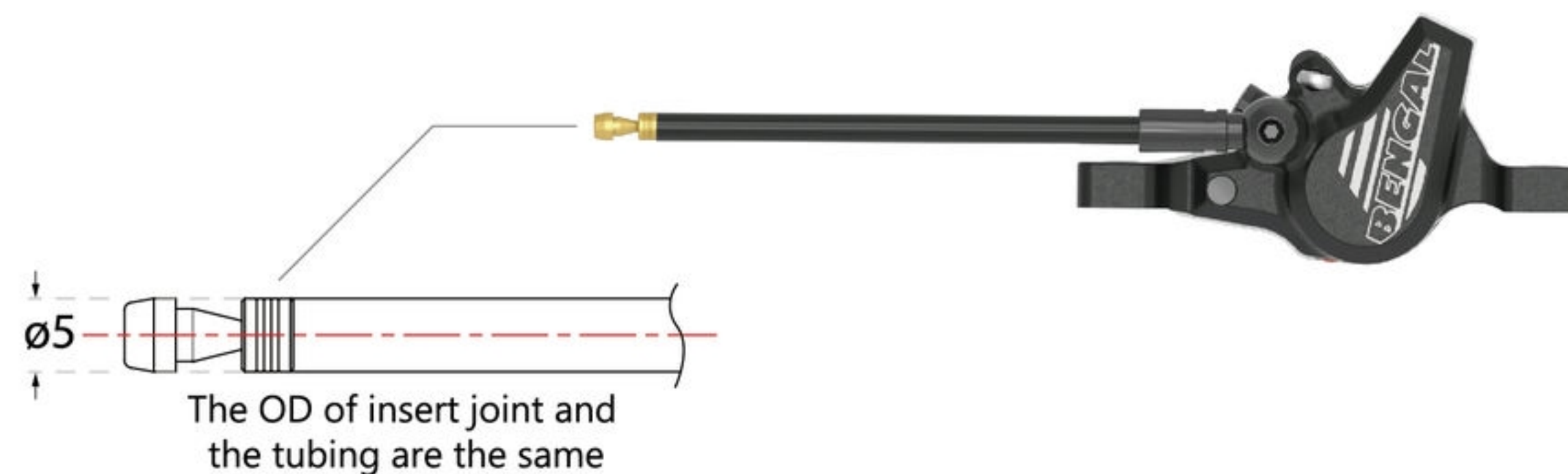
- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- "EZ-adjust" hose connector for frame
- 2-Piece clamp for easy assembly
- Pad wear inspection and cleaning made easy with open window drive
- Application: XC, TRAIL, AM, FR, DH

Adjustable up to 180 degrees



- **Weight**  
Master cylinder: 90g  
Caliper: 120g
- **Lever**  
1.5-finger blade
- **Rotor**  
1.8mm thickness(C)
- **Pad**  
Semi-metallic compound
- **Optional**  
Tool free reach adjustment  
EZ: EZ PLUG IN

Tool free reach adjustment





# Hydraulic Disc Brake | ARES 6



## Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- EZ-adjust hose banjo for handlebar
- Easy installation , clean integrated design
- Application: E-BIKE, URBAN BIKE, FOLDING BIKE



- **Weight**  
Master cylinder: 114g
- **Lever**  
4-finger ball-end lever blade
- **Rotor**  
1.8mm thickness(C)
- **Pad**  
Semi-metallic compound
- **Optional**  
EZ: EZ PLUG IN





## Hydraulic Disc Brake | ARES 3



### Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- Pad wear inspection and cleaning made easy with open window drive
- Application: XC, TRAIL, AM

### Weight

Master cylinder: 102g  
Caliper: 120g

### Lever

2-finger blade

### Rotor

1.8mm thickness(C)

### Pad

Semi-metallic compound

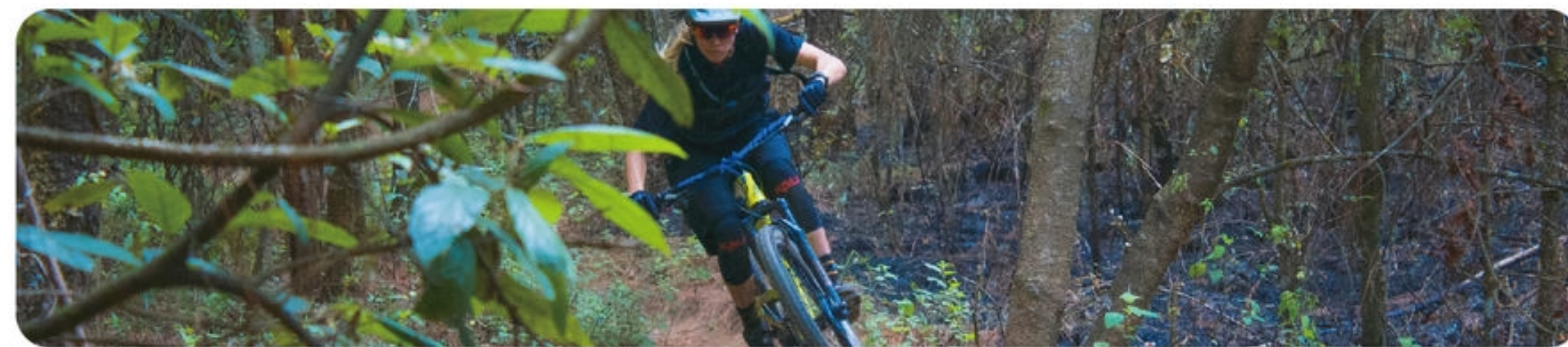


### Optional

EZ: EZ PLUG IN

E: Power cut-off sensor for E-bike (Connector types please refer P.08)

## Hydraulic Disc Brake | ARES 3B



### Technical specifications

- Side push open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- Pad wear inspection and cleaning made easy with open window drive
- Application: E-BIKE, URBAN BIKE

### Weight

Master cylinder: 105g  
Caliper: 120g

### Lever

3-finger ball-end lever blade

### Rotor

1.8mm thickness(C)

### Pad

Semi-metallic compound



### Optional

EZ: EZ PLUG IN

E: Power cut-off sensor for E-bike (Connector types please refer P.08)



# Mechanical Disc Brake

- Single piston activation for peak stopping power "PSP"
- Non-binding-groove-proline cable routing that keeps the cable in-direct pull between the anchor bolt and the cable housing
- Window for driver easily inspect if pads have worn, clean and mud out

## MB 700

### Technical specifications

- Compact, light weight, 1-piece aluminum forged caliper design
- Application: MTB, URBAN

Weight: 166g

Rotor: 1.8mm thickness(C)

Pad: Semi-metallic compound



## MB 700T

### Technical specifications

- Compact, light weight, 1-piece aluminum forged caliper design
- Application: Road bike, Touring bike, Cyclocross bike and STI lever bike

Weight: 166g

Rotor: 1.8mm thickness(L)

Pad: Semi-metallic compound



## MB 600

### Technical specifications

- 2-piece aluminum die casting design
- Application: MTB, URBAN

Weight: 208g

Rotor: 1.8mm thickness(C)

Pad: Semi-metallic compound



## MB 500A

### Technical specifications

- 2-piece aluminum die casting design
- Application: MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight: 214g

Rotor: 1.8mm thickness(C)

Pad: Semi-metallic compound



## MB 500B

### Technical specifications

- Special design for the right side mount
- 2-piece aluminum die casting design
- Application: MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight: 214g

Rotor: 1.8mm thickness(C)

Pad: Semi-metallic compound



## MB 500

### Technical specifications

- 2-piece aluminum die casting design
- Application: MTB, URBAN

Weight: 212g

Rotor: 1.8mm thickness(C)

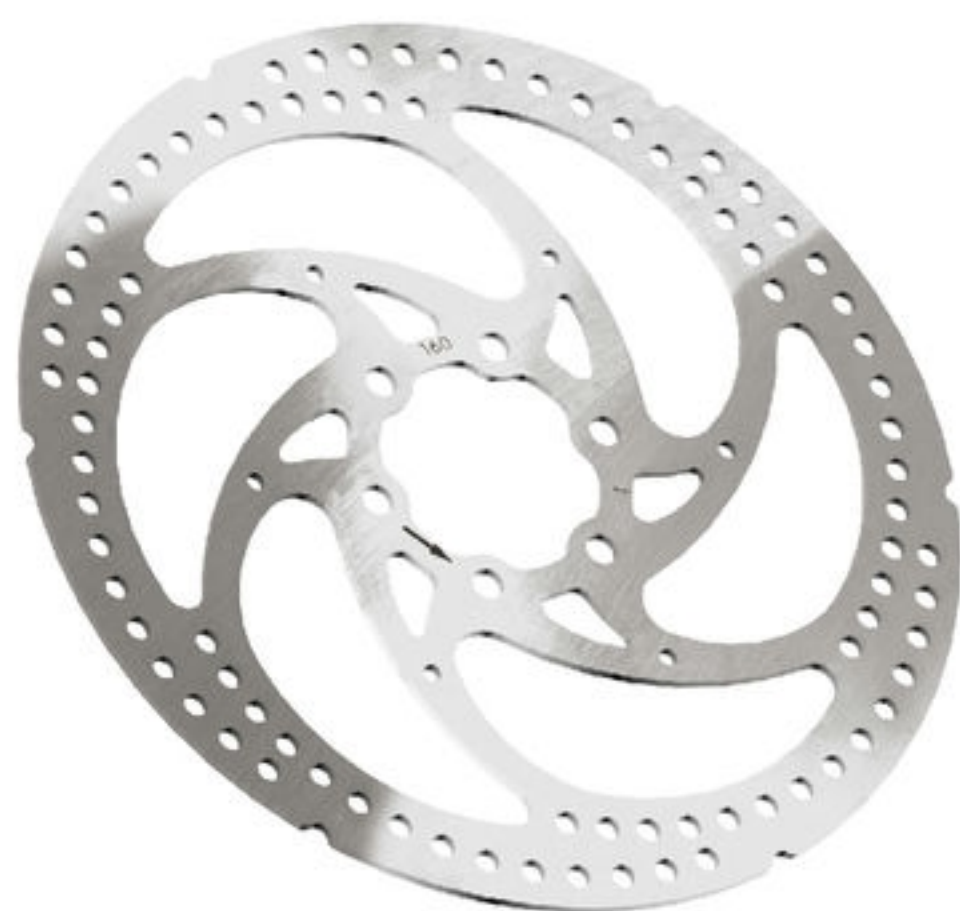
Pad: Semi-metallic compound





# ROTORS

Rotor OD	Size	6 (C)	12 (L)	6 (T)
		Weight	Weight	Weight
120mm	4"	90g	66g	-
140mm	5"	102g	86g	-
160mm	6"	136g	104g	-
180mm	7"	173g	134g	218g
203mm	8"	225g	172g	288g
220mm	9"	-	-	332g
Note				2.3mm thickness w/ exclusive calipers



Wave 6



Wave 12

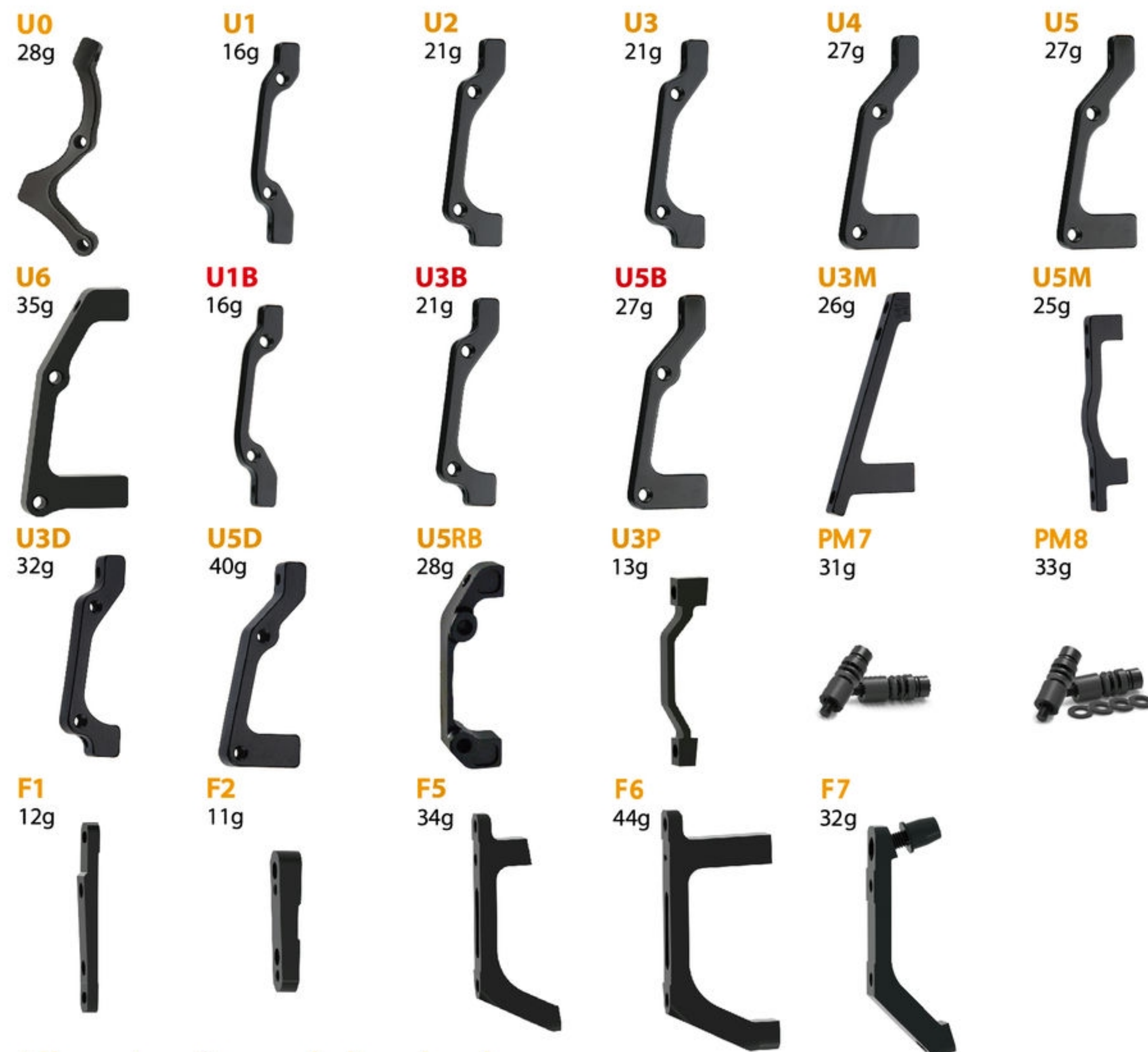


BR 301 Center lock adaptor  
Fit to under 10mm thru axle



BR 303 Center lock adaptor

# ADAPTORS



## All series Bengal disc brake

Fork / R	Caliper	IS-51		PM-74		IS-51 (20mm)		IS-51 (mirror)	FM-70		FM-34	FM-70	FM-34
		post mount		post mount		post mount			flat mount			post mount	
		front	rear	front	rear	front	front/rear		front	rear		front	rear
5"	140								F1	DM		F5	F7
	160								F1	F2		F6	
	180	U0	U1										
6"	160	U1	U2	DM	DM		U1B						
	180	U3	U4	U3M/U3P/PM7	U3M/U3P/PM7	U3D	U3B						
	203	U5	U6	U5M	U5M	U5D	U5B						
7"	180			DM	DM								
	200			U3M/U3P/PM7	U3M/U3P/PM7								
	203			PM8	PM8								

DM=Direct Mount

U5RB / Rockshox Boxxer IS mount