

# BENGAL Distributor information

**Brazil Distributor**  
**J.T.COM IMP E EXP LTDA**  
TEL/FAX:+55-11-5678-2694  
Website: [www.joytech.com.br](http://www.joytech.com.br)  
Contact: [joytech@joytech.com.br](mailto:joytech@joytech.com.br)

**Taiwan Distributor**  
**HARVEST YEAR TECHNOLOGY COMPANY**  
No.70-3, Zhanglu rd., Xiushui Township,  
Changhua County 504, Taiwan  
TEL: +886-4-7691929 FAX: +886-4-7691858  
Contact: [hy.bike88@msa.hinet.net](mailto:hy.bike88@msa.hinet.net)

**China General Distributor**  
**YIH JENG SING BICYCLE COMPONENTS (C.Z.) CO., LTD**  
No.37, Aoyuan Road, Xinbei District, Changzhou,  
Jiangsu, 213001, China  
TEL/FAX: +86 0519-83532079  
Contact: [robert6402@kimo.com](mailto:robert6402@kimo.com)

**China Distributor**  
**BAINA SANFENG VEHICLE INDUSTRY CO.,LTD.**  
No. 89, Xiaolin East Road, Kunshan City,  
Jiangsu Province,China  
TEL: +86 159-50922601 FAX: +86 0512-36862651  
Contact: [sanfengcheye@163.com](mailto:sanfengcheye@163.com)

**Spain & Andorra Distributor**  
**RACING CYCLE**  
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal  
Tel:+351 244 027 584 / +351 244 043 616  
Contact: [info@racingcycle.net](mailto:info@racingcycle.net)

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



# 2026



Bengal Performance Brake Systems  
[sales@bengalperformance.com.tw](mailto:sales@bengalperformance.com.tw)  
[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

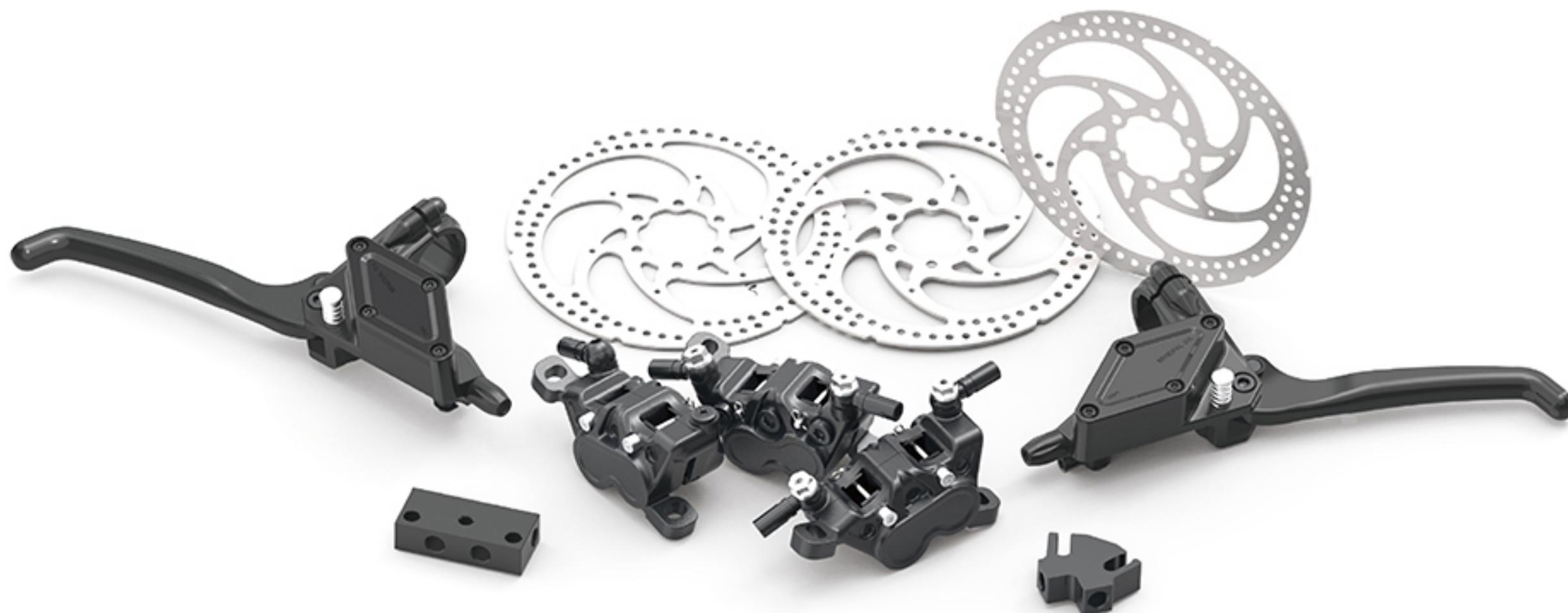
E: Power cut-off sensor for E-bike (Connector types please refer P.08)

EA: Analog sensor

Semi-metallic compound (5mm)

H: Handbrake kit

**CBS**



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



Two-piece clamp



## ▪ Weight

Master cylinder: 179g

Caliper: 179g

## ▪ Lever

4-finger ball-end lever blade

## ▪ Rotor

1.8mm thickness(C)

## ▪ Pad

Semi-metallic compound

Power cut-off sensor



Handbrake kit



## ▪ Optional

L: Parking Lock

T: 2.3mm thickness

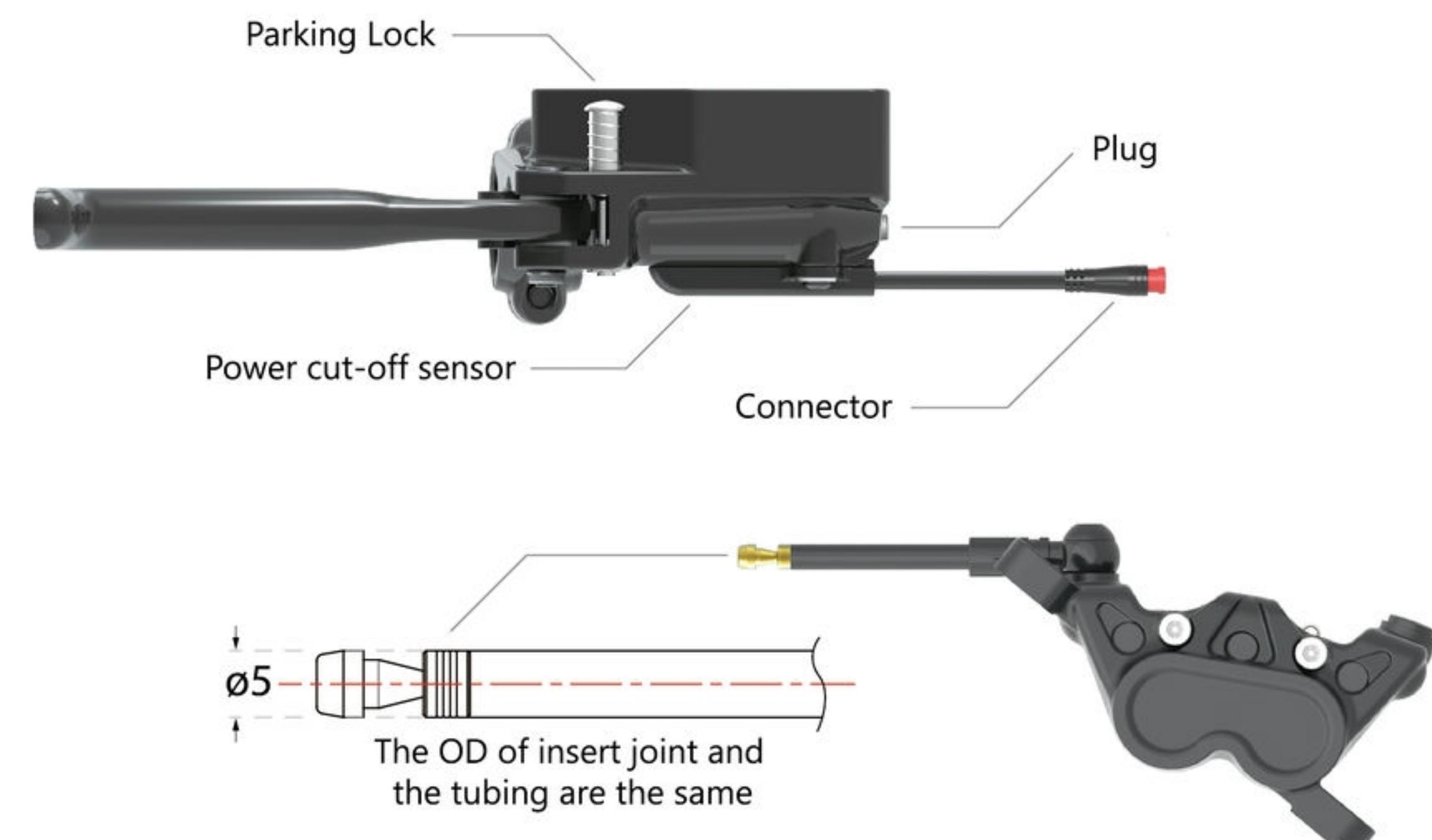
EZ: EZ PLUG IN

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

EA: Analog sensor

Semi-metallic compound (5mm)

H: Handbrake kit



# 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

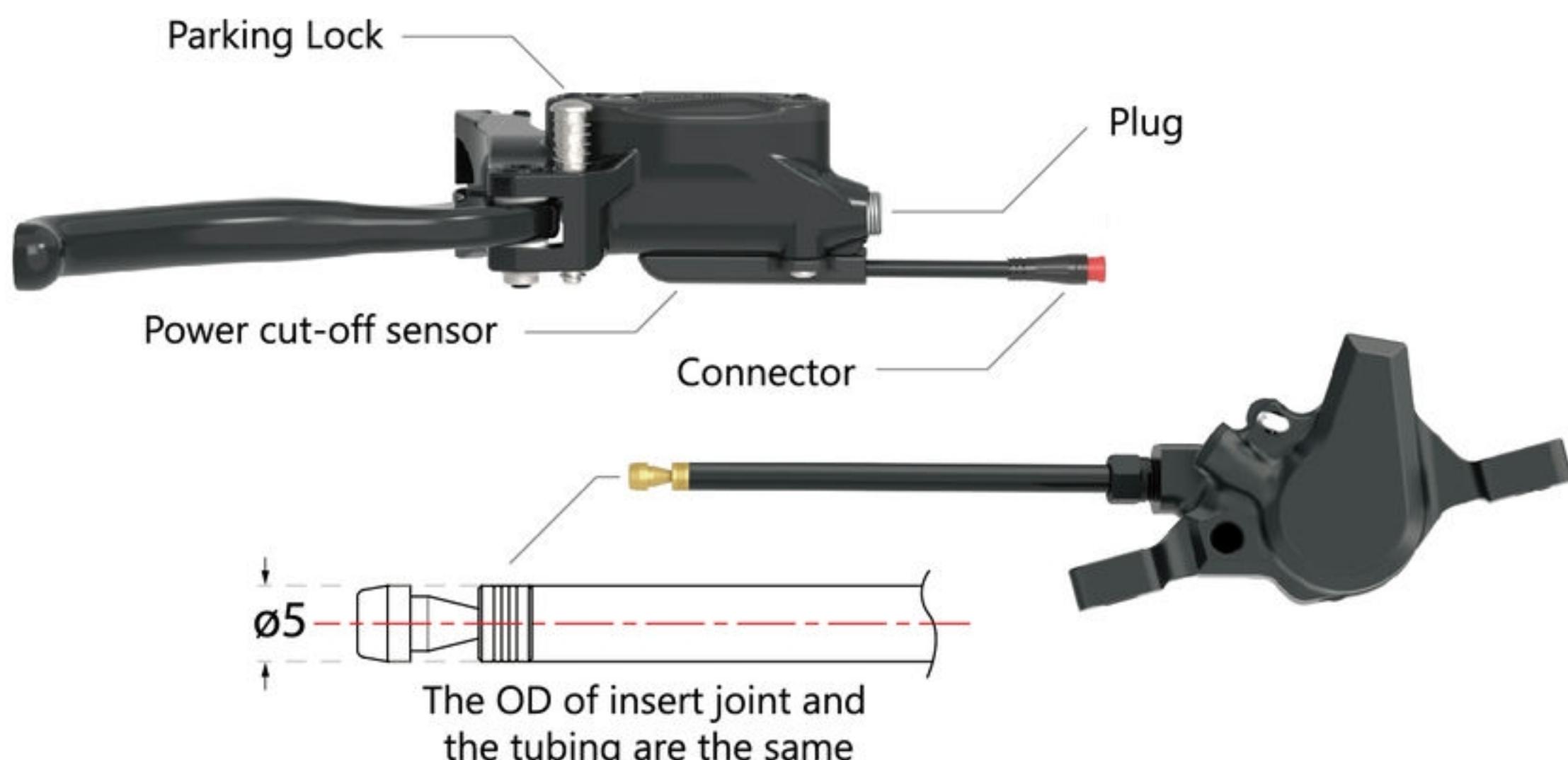
L: Parking Lock

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

Step.1



Thread through the frame

Step.2



Remove the nut

Step.3



Remove the plug

Step.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



## ▪ 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

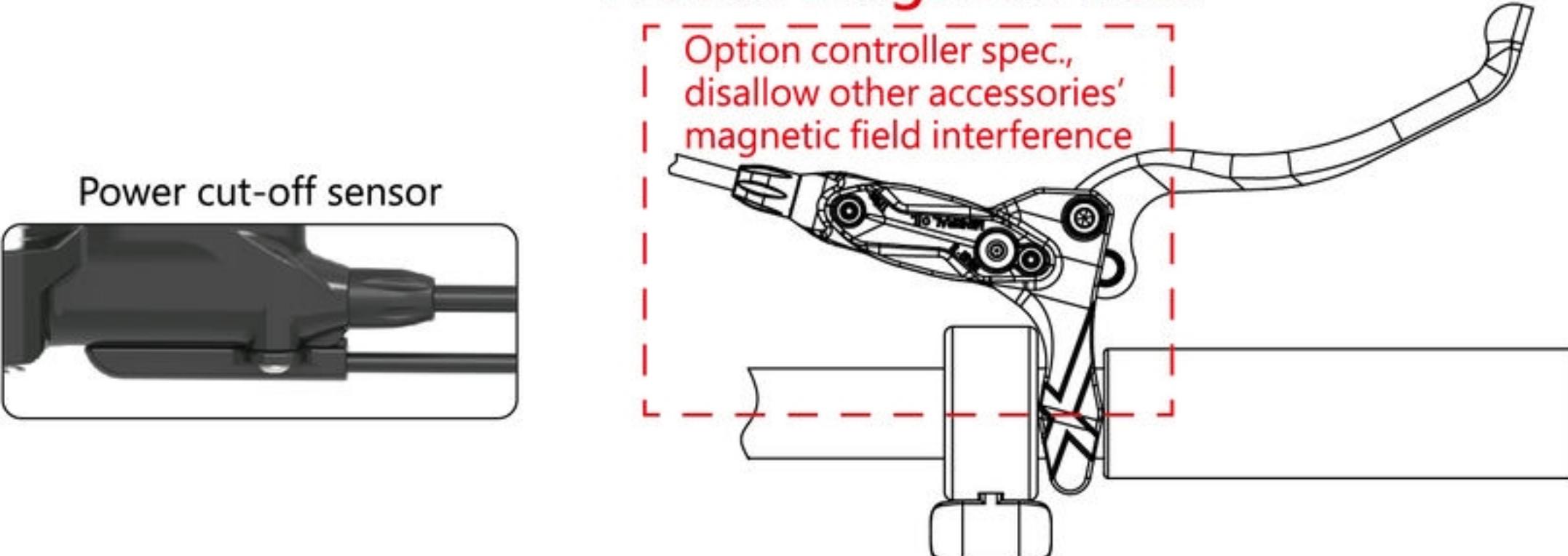
EA: Analog sensor

H: Handbrake kit

Handbrake kit



## Notice magnetic field



Power cut-off sensor



## Connector types

21  
2PIN

31  
3PIN

3F  
3PIN

2A  
2PIN

3B  
3PIN



# 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



## ▪ 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

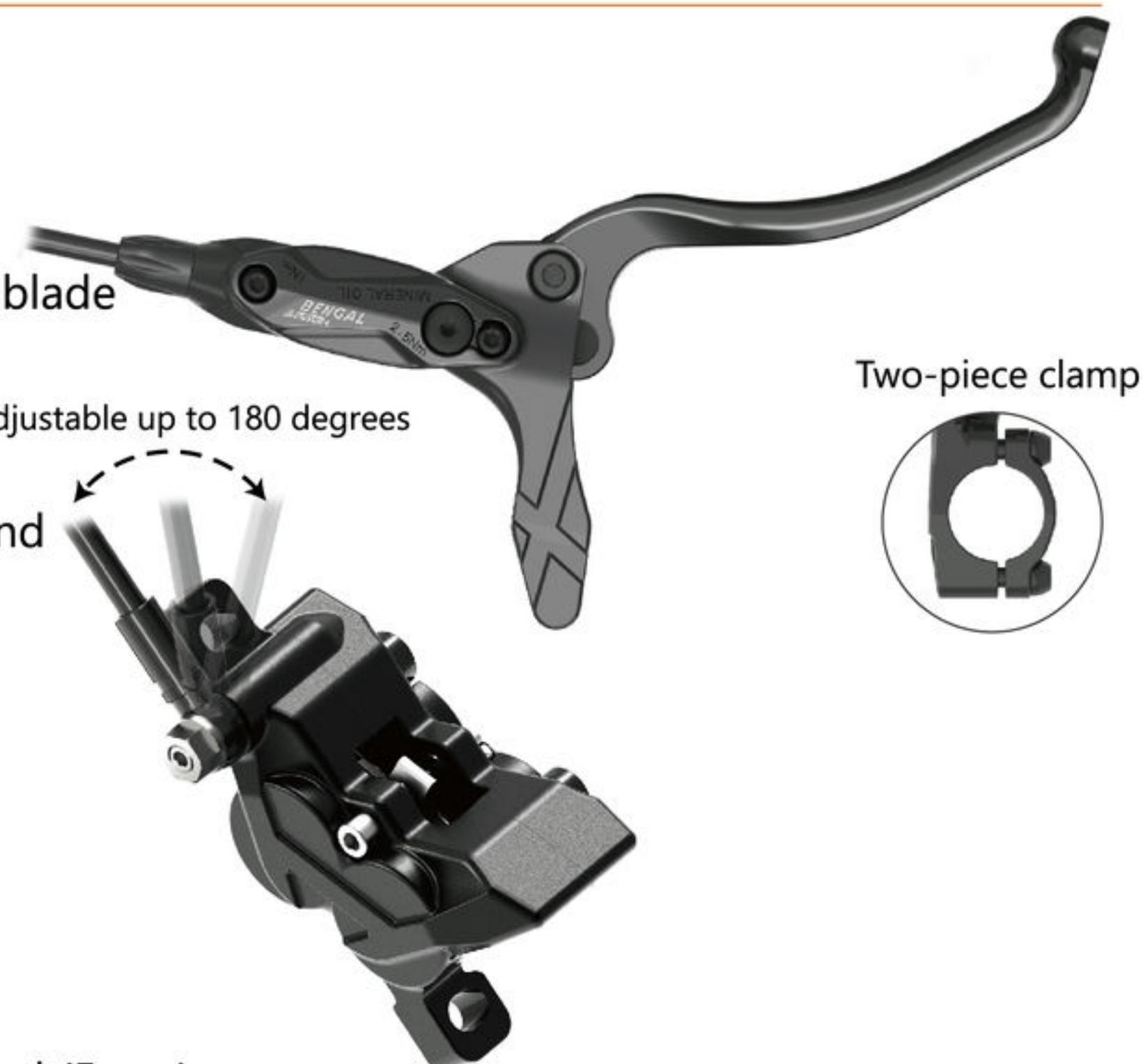
4-finger ball-end lever blade

### 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



Two-piece clamp

## ▪ Weight

Master cylinder: 90g  
Caliper: 120g

## ▪ Lever

1.5-finger blade

## ▪ Rotor

1.8mm thickness(C)

## ▪ Pad

Semi-metallic compound

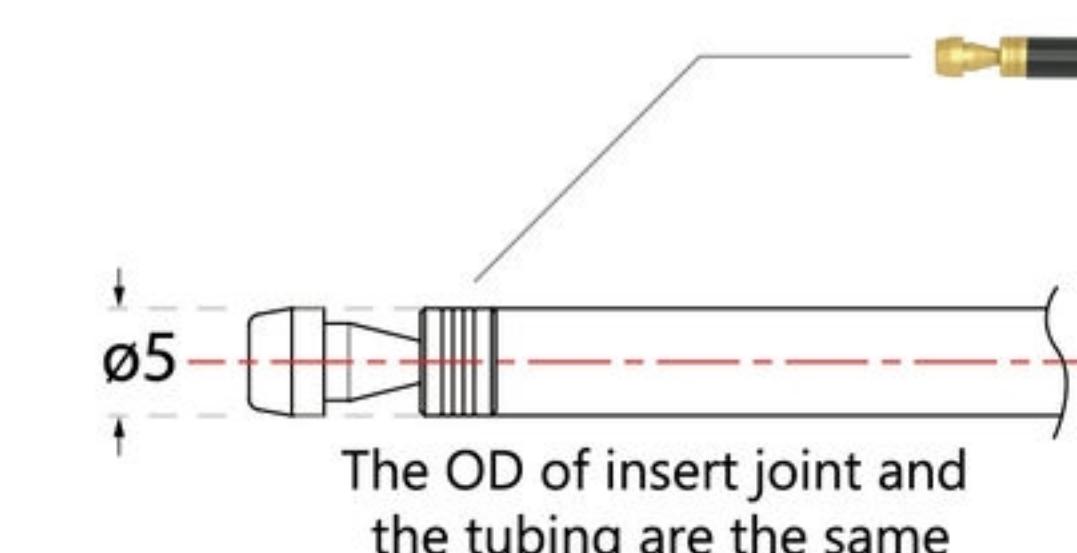
## ▪ Optional

Tool free reach adjustment  
EZ: EZ PLUG IN

Tool free reach adjustment



Plug



Ø5  
The OD of insert joint and the tubing are the same



# 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

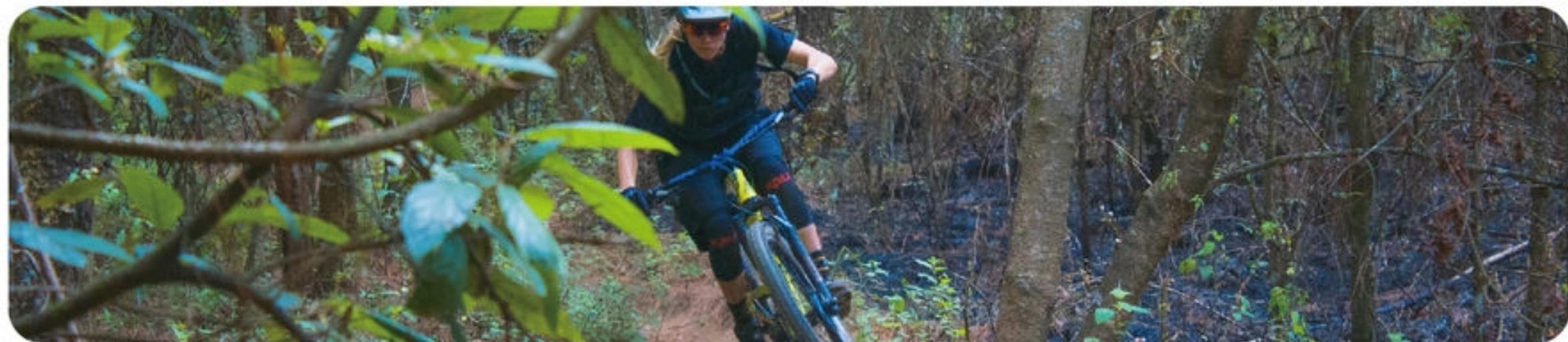


### ▪ Optional

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

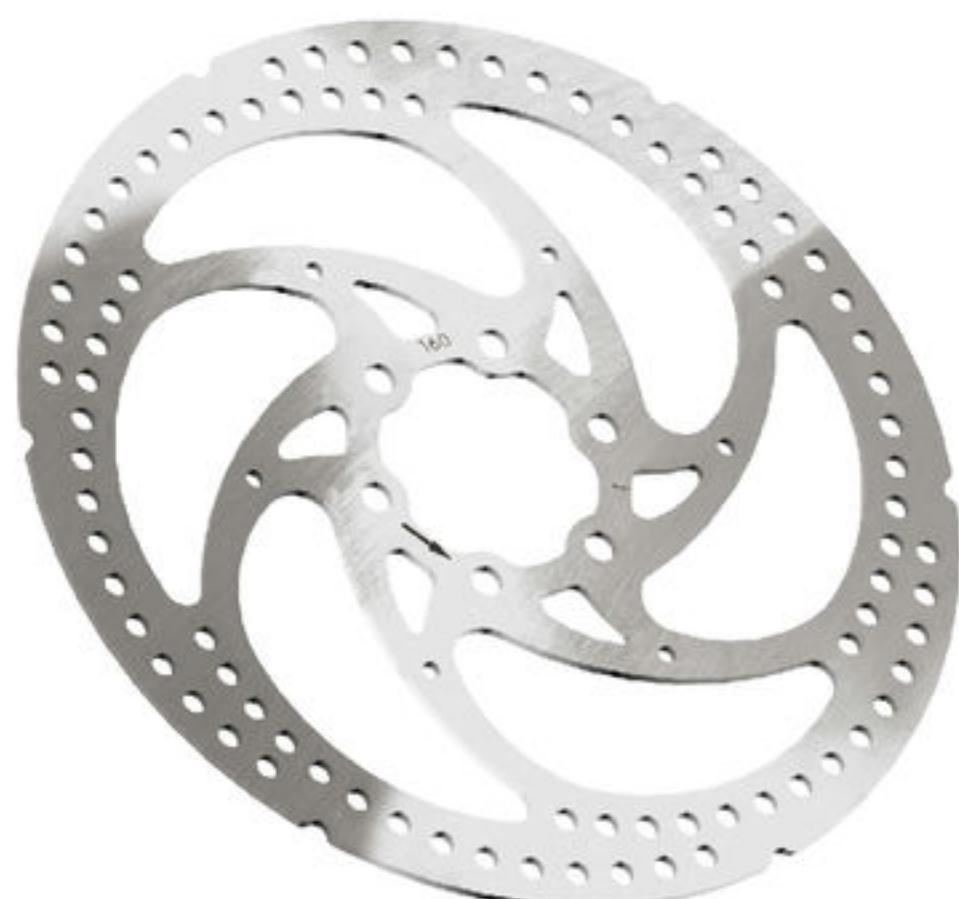
Rotor: 1.8mm thickness(C)

Pad: Semi-metallic compound



# ROTORS

	6 (C)	12 (L)	6 (T)	
Rotor OD	Size	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

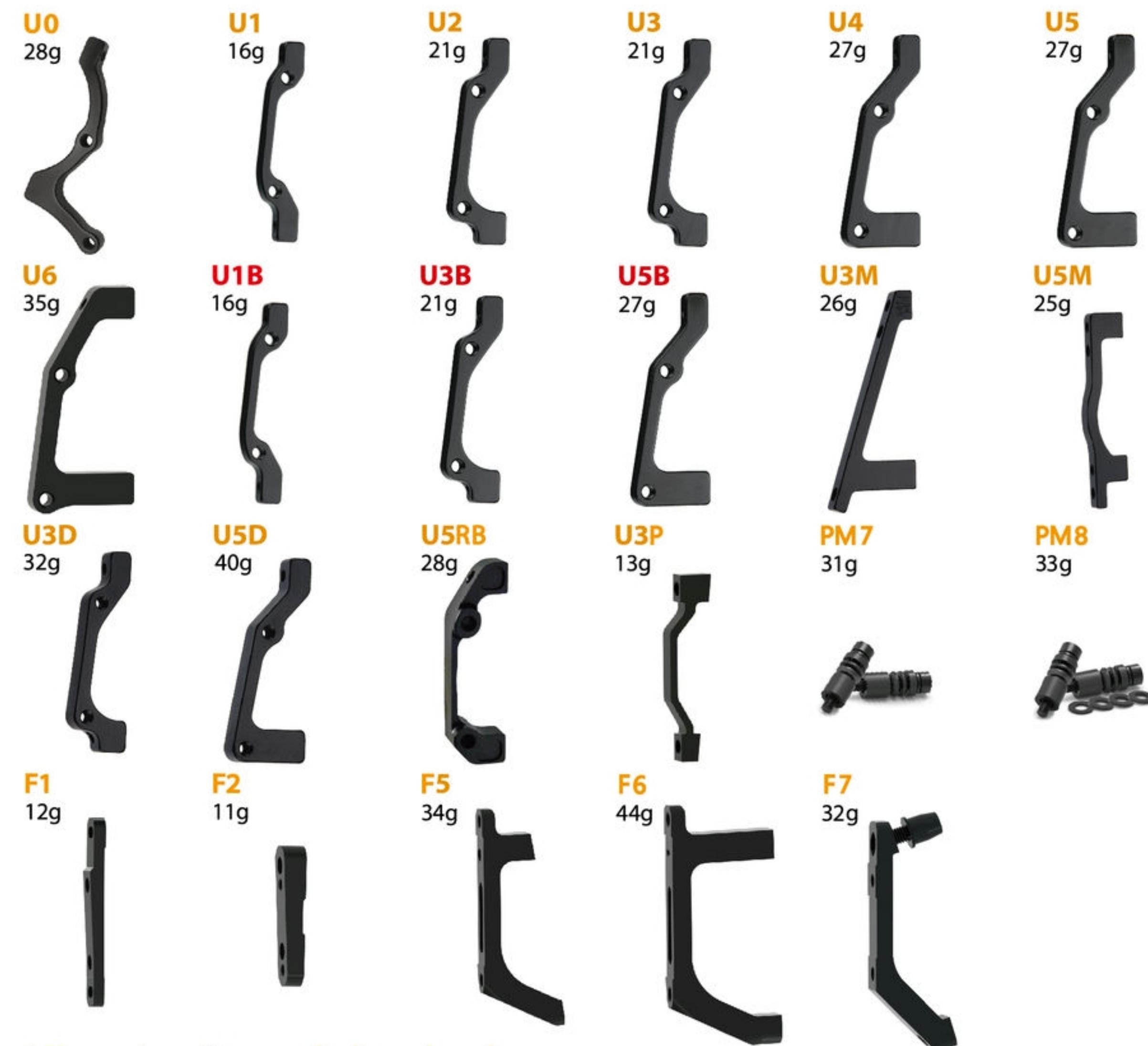


Wave 12

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

BR 303 Center lock adaptor

# ADAPTORS



All series Bengal disc brake

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

DM=Direct Mount

U5RB / Rockshox Boxxx IS mount