Avid Disc Brake Caliper Mounting Bracket and Spacer Configurations

Use the chart below to identify the parts you intend to use, then reference the chart on the reverse side to determine the correct bracket and/or spacers. Consult your retailer for the proper rotor sizes for your bicycle.

### Fork/Frame Mount

The mounting specification is determined by the fork/frame manufacturer and is not a reference to the rotor size. Consult your manufacturer for the proper mounting specification.

<table>
<thead>
<tr>
<th>Fork</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>140 Post (road)</td>
<td>140 IS</td>
</tr>
<tr>
<td>160 IS</td>
<td>140 Post</td>
</tr>
<tr>
<td>160 Post</td>
<td>160 Post</td>
</tr>
<tr>
<td>Totem Post</td>
<td>180 Post</td>
</tr>
</tbody>
</table>

### Rotor Size (mm)

140, 160, 170, 180, 200, or 203

### IS Mount

- **IS Bracket (IS)**: Converts IS to Post Mount, required for all IS frames/forks.

### Post Mount

- **Direct Mount (Direct)**: No bracket or spacers needed.
- **Post Brackets (P)**
- **Post Spacers (S)**

### CPS

- **Inline tabs**: CPS washers are needed between caliper and mount.

### Standard

- **Offset tabs**: No CPS washers are needed between caliper and mount (unless otherwise specified).

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**WARNING - CRASH HAZARD**

There must be 9-13 mm of mounting bolt thread engagement when mounting brake calipers to forks and frames either with or without brackets and/or spacers. Riding a bike with improper bolt engagement can allow the brakes to disengage from the bicycle, which can lead to a crash and serious injury or death to the rider.
# Disc Brake Caliper Mounting Bracket and Spacer Configurations

<table>
<thead>
<tr>
<th>Fork/Frame</th>
<th>140 mm</th>
<th>160 mm</th>
<th>170 mm</th>
<th>180 mm</th>
<th>185 mm</th>
<th>200 mm</th>
<th>203 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>140 IS</td>
<td>0 IS</td>
<td>20 IS</td>
<td>30 IS</td>
<td>40 IS</td>
<td>45 IS</td>
<td>60 IS</td>
<td>-</td>
</tr>
<tr>
<td>140 Post</td>
<td>0 Direct</td>
<td>20 S/20 P*</td>
<td>30 P</td>
<td>40 P</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>160 IS</td>
<td>-</td>
<td>0 IS</td>
<td>-</td>
<td>20 IS</td>
<td>25 IS</td>
<td>40 IS</td>
<td>-</td>
</tr>
<tr>
<td>160 Post</td>
<td>-</td>
<td>Direct</td>
<td>10 S</td>
<td>20 S/20 P*</td>
<td>25 S</td>
<td>40 P</td>
<td>-</td>
</tr>
<tr>
<td>180 Post</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Direct</td>
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<td>20 S/20 P*</td>
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</tr>
<tr>
<td>Totem Post</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Direct</td>
<td>-</td>
</tr>
</tbody>
</table>

*20 P is only available on products from the Original Equipment bicycle Manufacturer (OEM)*

## CPS

### Direct

- Upper Bolt: 29 mm
- Upper Spacer: N/A
- Lower Bolt: 29 mm
- Lower Spacer: N/A
- Direct Post Mount

### 10 S

- Upper Bolt: 37.5 mm
- Upper Spacer: 12.5 mm
- Lower Bolt: 32 mm
- Lower Spacer: 7.5 mm

### 20 S/20 P*

- Upper Bolt: 43 mm
- Upper Spacer: 17.5 mm (20 P: N/A)
- Lower Bolt: 40.5 mm
- Lower Spacer: 15 mm

### 25 S

- Upper Bolt: 46 mm
- Upper Spacer: N/A
- Lower Bolt: 43 mm
- Lower Spacer: N/A

### 30 P

- Upper Bolt: 50 mm
- Upper Spacer: N/A
- Lower Bolt: 29 mm
- Lower Spacer: N/A

### 40 P

- Upper Bolt: 29 mm
- Upper Spacer: N/A
- Lower Bolt: 29 mm
- Lower Spacer: N/A

### IS

- Upper Bolt: 29 mm
- Upper Spacer: N/A
- Lower Bolt: 29 mm
- Lower Spacer: N/A

## Standard

### Direct

- Upper Bolt: 16.8 mm
- Upper Spacer: N/A
- Lower Bolt: 16.8 mm
- Lower Spacer: N/A
- Direct Post Mount

### 10 S

- Upper Bolt: 24 mm
- Upper Spacer: 6 mm
- Lower Bolt: 24 mm
- Lower Spacer: 6 mm

### 20 S/20 P*

- Upper Bolt: 37.5 mm
- Upper Spacer: 12.5 mm (20 P: N/A)
- Lower Bolt: 32 mm
- Lower Spacer: 7.5 mm (20 P: N/A)

### 25 S

- Upper Bolt: 43 mm
- Upper Spacer: 17.5 mm
- Lower Bolt: 40.5 mm
- Lower Spacer: 15 mm

### 30 P

- Upper Bolt: 46 mm
- Upper Spacer: N/A
- Lower Bolt: 43 mm
- Lower Spacer: N/A

### 40 P

- Upper Bolt: 43 mm
- Upper Spacer: N/A
- Lower Bolt: 16.8 mm
- Lower Spacer: N/A

### IS

- Upper Bolt: 16.8 mm
- Upper Spacer: N/A
- Lower Bolt: 16.8 mm
- Lower Spacer: N/A

0 IS, 20 IS, 30 IS, 40 IS, 60 IS