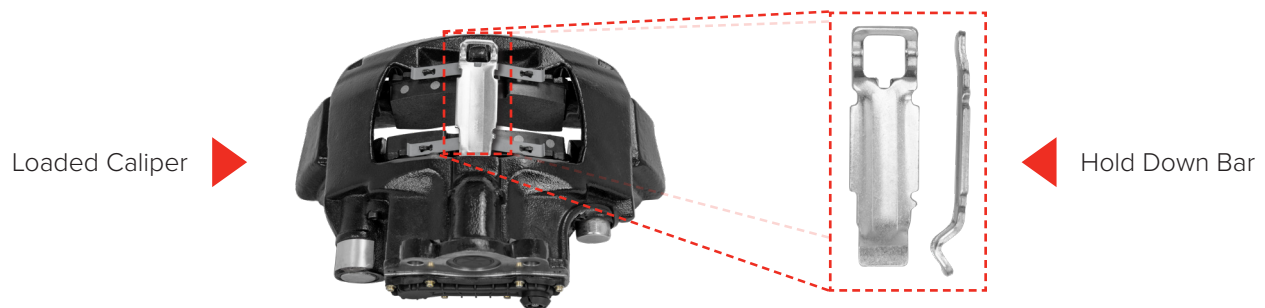


1 Hold Down Bars

Hold down bars are unique to the caliper manufacturer and at times unique to the pad shape but can be used as the starting point for pad identification. The primary function of the hold down bar is to keep the pads in place when resting on the pad carrier. The hold down bar is a semi-rectangular metal workpiece that has a tail end that fits into the caliper housing and a pin end that is secured down by a pin, bolt or other fastening mechanism.



2 Backplate Length

Backplates made of steel or cast iron provide the foundation or structure behind the friction material and help ensure even pressure is applied from the caliper piston(s). The backplate length represents the end to end measurement of how long the back plate is. This measurement allows for quick identification of the proper pad.



3 Backplate Top Profile

The top of the backplate often has varying protrusions. These features have a variety of functions including but not limited to wear sensor retention, spring retention, as well as cosmetic purposes based on the backplate manufacturer. The functional aspects of the profile can be used to help identify the pads when the hold down bar and backplate length are common.



1310 Backplate Top Profile
Trapezoidal Protrusion



1311 Backplate Top Profile
Oblong Protrusion



1312 Backplate Top Profile
Smooth Protrusion