

# 4189 and 4190

## Flush Handle Sets for MS®1848 Deadlock

Low projection handles to operate the MS®1848 deadlock which allows doors to slide freely past each other



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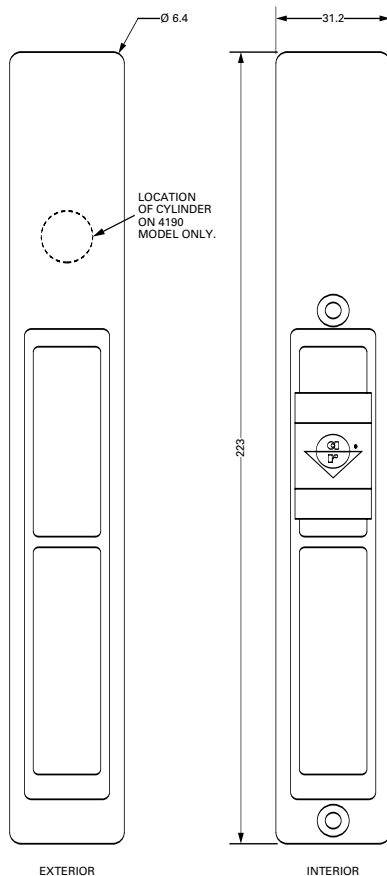
### Key Benefits

- For use on aluminium and steel doors.
- Simple vertical slide button throws or retracts deadlock bolt.
- 4190 designed to accept schlage “C” keyway.
- 4413 interior surface pull can be mounted to existing 4189 or 4190 handles.

### Related Hardware

MS®1848 Deadlock and 8346 Cylinder

## Dimensions

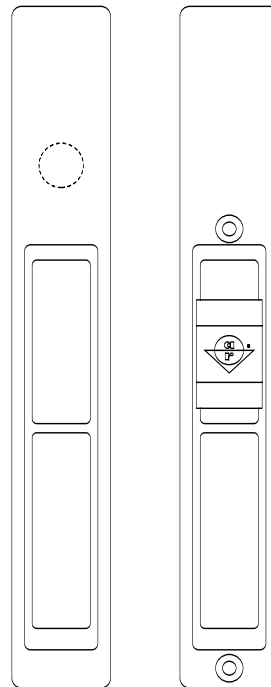


Backset	Stile Thickness
01	1" (25.4mm) - 1 3/8" (34.9mm)
02	1 7/16" (36.5mm) - 1 5/8" (41.3mm)
03	1 11/16" (42.9mm) - 2" (50.8mm)

**Note:** Code above refers to third number in product code, e.g. 4189-00-01-119. Replace '01' with '02' or '03' according to stile thickness being used.

## Specifications

<b>Overall Handle Size:</b>	223mm (8.78") x 31.2mm (1.23")
<b>Backset:</b>	Variable; minimum 15.9mm (0.625"), maximum 32.5mm (1.28"). (Measurement is taken from face of lock to escutcheon and cylinder centre line.)
<b>Stile Thickness:</b>	25.4mm (1") to 34.9mm (1 3/8") standard. Available on special order for stiles 34.9mm (1 3/8") thick or greater. See table opposite.
<b>Stile Depth:</b>	Minimum clear depth is backset plus 14.3mm (9/16").
<b>Material:</b>	Zinc alloy finished in Ritecoat 119 (Black), 121 (Bronze) or 130 (Silver).
<b>Internal Operation:</b>	Via vertical slide button.
<b>External Operation:</b>	4190 model - 5 pin 8346 Cylinder 4189 model - no external operation.



**Note:** The order code table lists most popular variations.

## Ordering Codes

### Handle Sets

<b>4189-00-01-119</b>	Handle Set, Ritecoat Black finish, no cylinder
<b>4189-00-01-121</b>	Handle Set, Ritecoat Bronze finish, no cylinder
<b>4189-00-01-130</b>	Handle Set, Ritecoat Silver finish, no cylinder
<b>4190-00-01-119</b>	Handle Set, Ritecoat Black finish, c/w cylinder
<b>4190-00-01-121</b>	Handle Set, Ritecoat Bronze finish, c/w cylinder
<b>4190-00-01-130</b>	Handle Set, Ritecoat Silver finish, c/w cylinder

### Matching Lockcases

<b>1848-29</b>	MS®1848 lockbody, zinc plated c/w stainless steel bolt (radius ends)
<b>1848-29-01</b>	MS®1848 lockbody, stainless steel c/w matching bolt/adjustment screw (radius ends)
<b>1848-10</b>	MS®1848 lockbody, zinc plated c/w stainless steel bolt (square ends)
<b>1848-10-01</b>	MS®1848 lockbody, stainless steel c/w matching bolt/adjustment screw (square ends)