1830 Series

Swing Bolt Bottom Rail Deadlock

1830 Bottom Rail Deadlock provides bottom rail locking in ultra-narrow stile aluminum or tempered glass doors. Tamper resistant with an armored faceplate, it protects with a minimum threshold strike opening.

Aluminium

Glass

Swinging Door

Function

For bottom rail locking of ultra-narrow stile or tempered glass doors whose bottom rail (shoe) is too shallow for the MS1861 Bottom Rail Deadbolt. Mechanism is similar to the MS1850S Deadlock, but with the bolt size reduced. This keeps the threshold strike opening to a practical minimum, avoiding collection of debris or snagging on high-heeled shoes. Armored faceplate protects cylinder setscrews from tampering and keeps them from loosening. Not designed for wood door applications.

Operation

360° turn of key or thumbturn projects or retracts the counterbalanced bolt. Key can be removed only when bolt is in a positively locked or unlocked position. Lock accepts any standard 1" [25.4 mm] length, 1-5/32" [29.4 mm] diameter mortise cylinder with MS® cam such as the 4036 Mortise Cylinder or thumbturn such as the 4066 Thumbturn, available separately. Lock accepts cylinder from either or both sides.

Features

Cylinder Height
31/32" [24.6 mm] and 1-1/8" [28.6 mm] only.

Case
Measures 1" x 6" x depth [25.4 mm x 152.4 mm x depth] where depth varies with cylinder height. Steel with corrosion-resistant plating.

Bolt
15/32" x 5/8" x 2-1/8" [11.9 mm x 15.9 mm x 54.0 mm] with 5/8" [15.9 mm] throw. Six-ply laminated steel with eight plies within case. Center ply has alumina-ceramic core to deter hacksaw attack.

Strike
See back page for dimensions of strike slot which can be cut in metal thresholds. 4006 Strike, shown, available separately with stainless steel trim plate and plastic box.

Standard Package
Individually boxed with mounting screws. Cylinder and/or thumbturn available separately.

Shipping weight
1-1/2 lbs [0.68 kg]

Options

- 4006 Strike, cylinder, thumbturn available separately
- Available in choice of 313 Dark bronze anodized, 628 Clear anodized

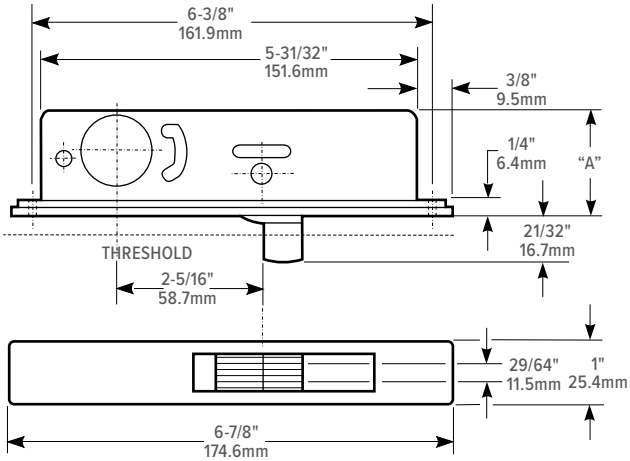
Adams Rite
ASSA ABLOY

US adamsrite.com | 800.872.3267 | customerservice.adamsrite@assaabloy.com
Canada assaabloydss.ca | 800.461.3007 | sales.dss.ca@assaabloy.com

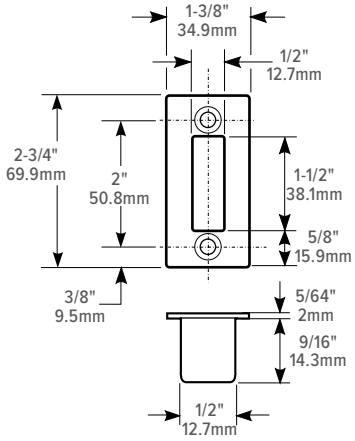
Updated: December 31, 2020

All measurements are approximate and are provided for informational purposes only.
Refer to the product Installation Instructions.

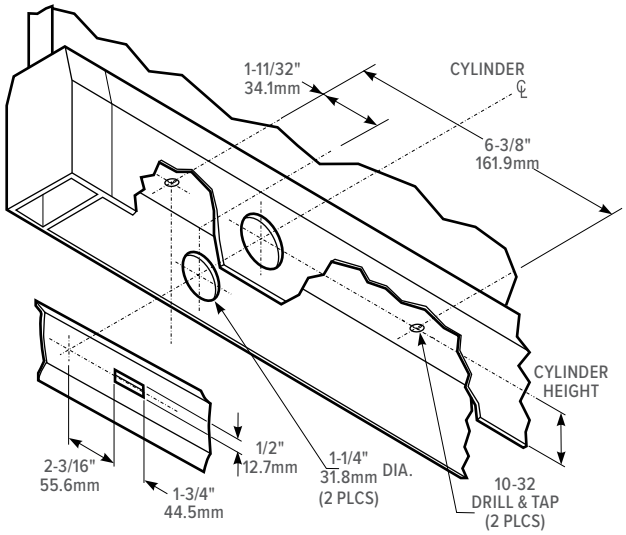
Dimensions



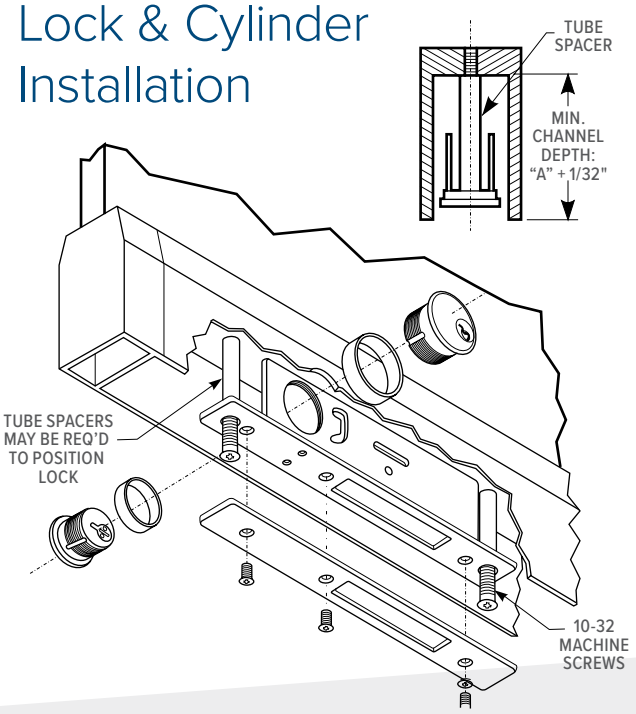
4006 Strike Dimensions



Stile & Threshold Preparation



Lock & Cylinder Installation



How to Order & Related Products

1830 Bottom Rail Deadlock (Swingbolt): Specify quantity and the following information. Order related products separately.

PRODUCT NO.	DASH NO. (SPECIFY FOR CYLINDER HEIGHT AND LOCK DEPTH)	FINISH
1830	-02	-628
	-02 Cylinder Height 31/32" Dim. "A" 1-5/8"	**313** Dark Bronze Anodized
	-03 Cylinder Height 1-1/8" Dim. "A" 1-25/32"	**628** Clear Anodized

RELATED

When purchasing this product, please consider the following related products, available separately:

CYLINDERS	ACCESSORIES
Standard 1" length, 1-5/32" diameter mortise cylinder with MS® cam such as 4036 Mortise Cylinder, 4066 Thumbturn; MS4043 Cylinder Guard	4006 strike

Experience a safer and more open world

Patent pending and/or patent www.assaabloydss.com/patents. Copyright © 2021, Hanchett Entry Systems, Inc., an ASSA ABLOY Group company. All rights reserved. Reproduction in whole or in part without the express written permission of Hanchett Entry Systems, Inc. is prohibited.

Adams Rite
ASSA ABLOY