



80 SERIES

81 SERIES (Top Rod Only)

Concealed Vertical Rod Device - Wide Stile Hollow Metal Door

Designed to enhance the architectural aesthetics of any décor, the 80 and 81 Series **concealed vertical rod exit device** is also super-heavy-duty **panic and fire exit hardware** for use on all types of hollow metal doors without a mullion. The patented mounting plate system ensures the easiest and most accurate installation of panic hardware available.

Note: For Top Rod Only -
Specify 81 Series

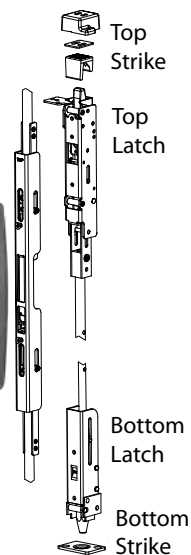
Also Available:

- 60/61 CVR Narrow Stile Alum. Door
- 62/63 CVR Narrow Stile H.M. Door
- 70/71 CVR Wide Stile Wood Door
- 82/83 CVR Wide Stile Alum. Door



80 Series Shown -
(Top and Bottom Bolt)

ANSI 156.3 - 2008
Grade 1
Type 8



Benefits

- Tough and durable design for years of trouble-free service in high-use, high-abuse environments
- Minimal door prep saves time and money
- Fast and easy installation saves time and money
- Heavy duty angled end cap deflects damage away from device
- Except for 03WSV, outside trims are easily changed or rekeyed without removing device from door

Features

- 6-position multi-step action in top latch keeps top and bottom bolts retracted until door closes and provides more consistent re-latching and security to door
- Patented deadlocking of top (80 and 81 Series) and bottom bolt (80 Series) assemblies
- Top strike both secures the door and re-engages the latchbolts
- Top strike fully adjustable both vertically and to accommodate a variety of varying weather strip thicknesses
- 1/8 turn dogging
- Rods are easily adjustable with rods installed in door
- Handed - field reversible
- Field sizeable
- Durable steel bottom drop bolt (80 Series)

Mechanical Options

- F - 3-Hour Fire Rating without astragal up to 10 foot (steel) door
- AM - Anti-Microbial Coating
- HD - Hex Dogging (Std.)
- CD - Cylinder Dogging
- SLR - Silencer
- 24 - Fits 24" Door Width
- 30 - Fits 30" Door Width
- 36 - Fits 36" Door Width (Std.)
- 48 - Fits 48" Door Width
- EC1 - Heavy duty angled end cap (standard on 630, 606, 612, 613, 605, 611 & 629 finishes only)
- EC2 - Flush end cap (standard on 628, 693 & 695 finishes only), specify when used on 2" - 3-1/2" stiles

For full list of available mechanical options, see 80 Series How To Order page

Electrical Options

- Exit Alarm (EA)
- Electric Dogging (ED)
- Delayed Egress Self-Contained (EE)
- Request to Exit (EX)
- Request to Exit for High Voltage (EXV)
- Electric Delayed Egress with Latch Retraction (EE ER)
- Electric Latch Retraction (ER)

Refer to Electrified Options section for more information

Accessories

- SSK4 - Security Torx Screw Kit
- Trim Functions (see Outside Trims)

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A Century of Security
1923-2023

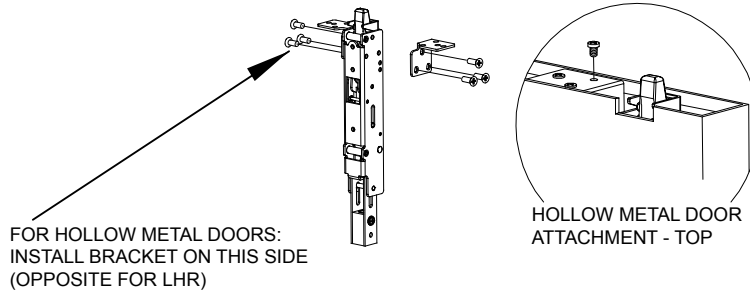
Technical Information

- Door Types - Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4" (for other door thicknesses contact factory)
- Minimum Stile - 5"
- Fasteners - Machine and Self-Drilling Screws standard
- Rail is heavy ribbed aluminum extrusion

Finishes

605 / US3	Polished Brass	628 / US28	Satin Aluminum	693 / SPBLK	Black, painted
606 / US4	Brushed Brass	629 / US32	Polished Stainless Steel	695 / SP313	Dark Bronze, painted
611 / US9	Polished Bronze				
612 / US10	Brushed Bronze	630 / US32D	Brushed Stainless Steel		
613 / US10B	Oil Rubbed Bronze				

Top Latch Installation for 80 & 81 Series

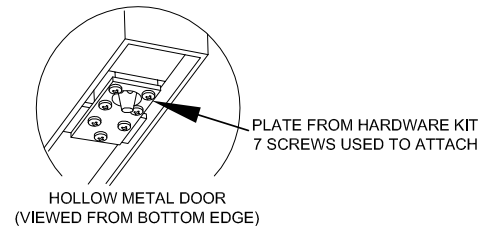


FOR HOLLOW METAL DOORS:
INSTALL BRACKET ON THIS SIDE
(OPPOSITE FOR LHR)

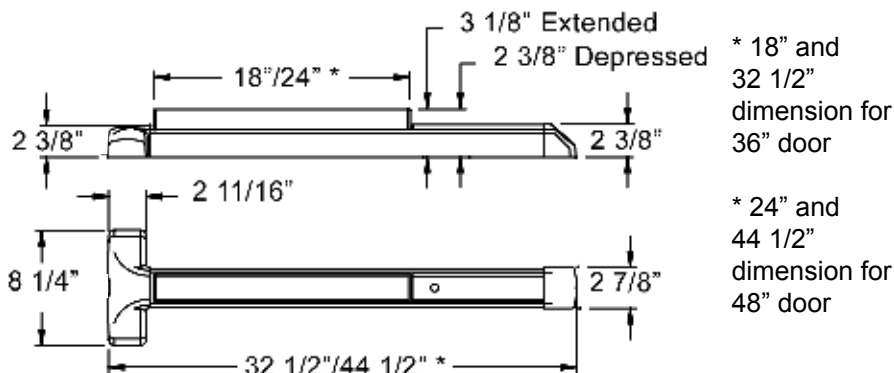
FOR FIRE RATED HOLLOW METAL DOORS:
INSTALL BRACKETS ON BOTH SIDES

Bottom Latch Installation for 80 Series Only

Note: Bottom bracket may slide up on rod during assembly. It may be necessary to pull it towards bottom edge of door with a simple wire hook.



Dimensions



Detex Limited Warranty

10 Year Mechanical/3 year Electrical
Limited Manufacturer's Warranty

Listings and Approvals



UL Listed Panic Hardware



UL Listed Fire Exit Hardware
for 3 hours, maximum 8'x10'
pairs of doors



Meets ADA requirements



UBC 97, Standard 7-2 and
UL 10B/UL 10C for positive
pressure



ANSI/BHMA certified A156.3



Meets NFPA 80 & 101 for Life
Safety

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For detailed fire listings, visit www.detex.com/PROVEN



Cancer & Reproductive Harm - www.detex.com/prop65