Corbin Russwin
ASSA ABLOY

Concealed Vertical Rod Features

ED5000 Series

ED5800 Panic-Listed Concealed Vertical Rod Exit Device
ED5800A 3-Hour Fire-Listed Concealed Vertical Rod Exit Device

FOR USE WITH METAL DOORS ONLY

Features

Handing
Device is handed but easily field reversible. Lever trim is handed.

Bar length
Easily field cut to size.
Standard: 36" (914mm) bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness
1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile
Minimum width 4-1/2" (114mm).

Door Height
Standard: top rod for 8' door.
Telescoping rod assembly to accommodate various door heights. For door heights above 8'0", refer to ED5860(B).

Latchbolt
Top: 3/4" (19mm) throw, stainless steel pullman-type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods
1/2" O.D. tubing, electroplated for corrosion resistance.

Materials
Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection
3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging
Standard on panic devices; single-point 1/4 turn hex key dogging. Optional: less dogging, specify M51. Optional: cylinder dogging, specify M52. Optional: electric dogging; specify M97. Mechanical dogging not available on fire-rated devices.

Fasteners
Standard on panic devices: machine screws.
Standard on fire-rated devices: sex nuts and bolts.
Optional on panic devices: sex nuts and bolts for use on unreinforced metal doors; specify M54.

Strike
Top: roller type.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 51.

Functions and Trims
Through-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 28-35.

Cylinders
Cylinder not included unless specified. See Quick Codes, page 54.

Shim Kit
Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings
For use on metal doors only. See page 4.

Warranty
Five-year limited.

Certification/Compliance

ANSI
Meets A156.3, Type 8, Grade 1.
Meets A117.1 Accessibility Code.

UL/cUL
All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 8' x 8' double doors; UL symbol on active case cover indicates listing.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

California State Reference Code
This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA
All exit devices comply with NFPA 101 Life Safety Code.
All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA
Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Oxidized Bronze, oil rubbed, available lacquered
613E	Dark Oxidized Satin Bronze Equivalent
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 625	Bright Chromium Plated
BHMA 626* (Trim only)	Satin Chromium Plated
626C	Satin Chromium Plated with MicroShield®
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel
630C	Satin Stainless Steel with MicroShield®
722	Black oxidized bronze,oil rubbed
BSP	Black Suede Powder
WSP	White Suede Powder Coat

***Contact factory for devices required in BHMA 626**

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ED5000 Series

ED5800 and ED5800A Concealed Vertical Rod Exit Devices

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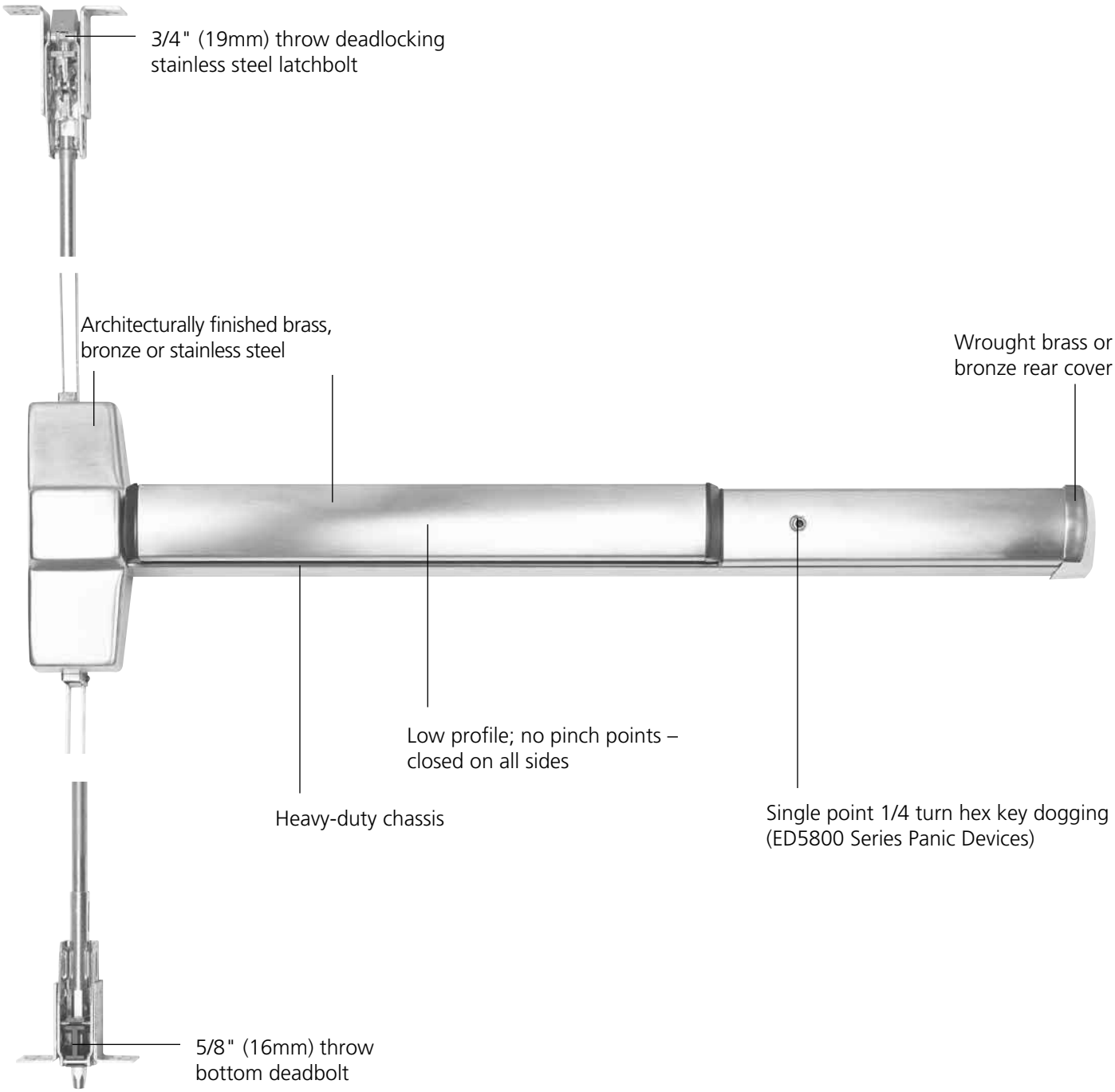

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