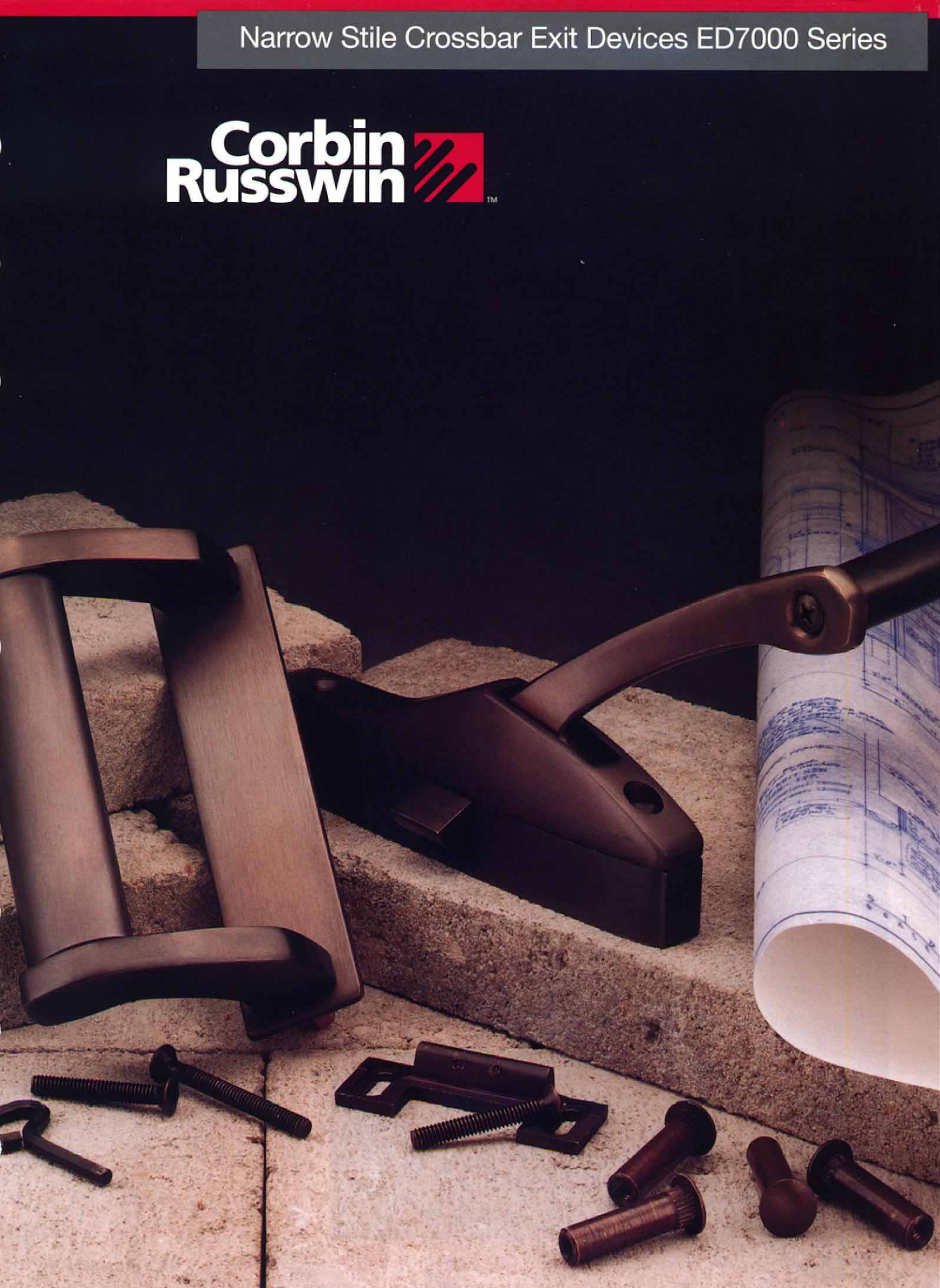
Narrow Stile Crossbar Exit Devices ED7000 Series

Corbin Russwin™



Narrow Stile Crossbar Exit Devices ED7000 Series

Applications

Since patenting some of the first exit devices nearly a century ago, Corbin Russwin has met rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. ED7000 Series Crossbar Exit Devices are designed for high-use, high-abuse applications on narrow and regular stile doors in new construction and renovations including:

- Schools and universities
- Health care
- Government
- Commercial and industrial
- Office and retail
- Transportation and utilities
- Hotels and conference centers
- Religious

Advantages

- Meets or exceeds all ANSI Grade 1 requirements
- Heavy-duty construction
- Base metals (brass, bronze and stainless steel) for durability
- Easy-to-use crossbar operation assures quick egress and ADA compliance
- Dogging standard on all panic listed devices
- Throughbolted trims for strength and security
- Wide range of trim styles and finishes to match other Corbin Russwin products
- Devices available to satisfy panic and fire opening requirements

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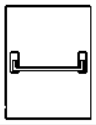
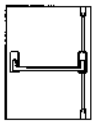
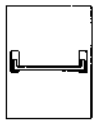
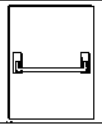
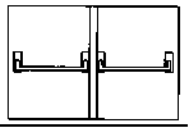
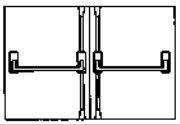
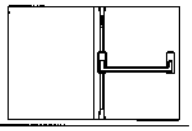
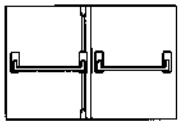
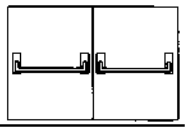
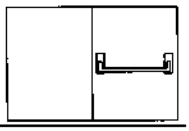
Narrow Stile Crossbar Exit Devices
ED7000 Series

UL Listed by Underwriters Laboratories Inc., as fire exit hardware.

Single Door	Max. Door Opening	Fire Door Ratings: A, 3 Hr.	B, D, 1½ Hr.	C, E, ¾ Hr.	½ Hr.	⅓ Hr.	Application	
Rim ED7200	None	Devices are panic listed only.					Surface applied; single point latching	
Vertical Rod ED7400	4' x 10'	Devices are panic listed only.					Surface applied; two point latching	
Mortise ED7600 ED7600A	None 4' x 7'2"	Devices are panic listed only. UL	UL	UL	UL	UL	Mortised in door; single point latching	
Concealed Vertical Rod ED7800 ED7800A	4' x 10'8" 4' x 7'2"	Devices are panic listed only. UL	UL	UL	UL	UL	Rods concealed in door; two point latching	
Pair of Doors with Removable Mullion								
Rim x Rim ED7200 x ED7200 x 507 ED7200 x ED7200 x 510	8' x 7'2" 8' x 10'	Devices are panic listed only. Devices are panic listed only.					2 independent, active doors with removable mullion	
Pair of Doors								
Vertical Rod Swinging in Same Direction ED7400 x ED7400	8' x 10'	Devices are panic listed only.					2 independent doors with 2 point latching – do not use overlapping astragal.	
Vertical Rod Swinging in Opposite Directions ED7400 x ED7400	8' x 10'	Devices are panic listed only.					2 independent doors with 2 point latching.	
Vertical Rod x Mortise ED7400 x ED7600 ED7400 x ED7600 x Open back strike	8' x 10' 8' x 10'	Devices are panic listed only. Devices are panic listed only.					Coordinator recommended with standard strike.	
Concealed Vertical Rod Swinging in Same Direction ED7800 x ED7800 ED7800A x ED7800A	8' x 10'8" 8' x 7'2"	Devices are panic listed only. —	UL	UL	UL	UL	2 independent doors with 2 point latching – do not use overlapping astragal.	
Concealed Vertical Rod Swinging in Opposite Directions ED7800 x ED7800 ED7800A x ED7800A	8' x 10'8" 8' x 7'2"	UL —	Devices are panic listed only. UL	UL	UL	UL	2 independent doors with 2 point latching – overlapping astragal required for 3 hour openings.	

Narrow Stile Crossbar Exit Devices
ED7200 Series

ED7200 Panic Listed Rim Exit Device

Features

Handing

Field reversible; specify hand.

Bar Length

Easily field cut to size.
Standard 36" bar fits doors up to 36".
Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness

Standard: 1¾".
Optional: 2" and 2¼"; see How to Order, page 23.

Backset

1¾" with standard strike and ½" stop.
(Backset changes when mullion is used.)

Stile

Minimum width 2½" with standard strike and ½" stop.

Projection

4⅞"; 3⅛" depressed.

Latchbolt

⅝" throw pivoted.

Latch Hold-Back

Standard: latch remains in hold-back position by full rotation of key outside.
Optional: less latch hold-back; see How to Order, page 23.

Materials

Brass, bronze or stainless steel.

Cases

Heavy cast, 7½" x 1¼".

Crossbar

Standard: 13/16" x 1⅜" oval seamless tubing.
Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging

Standard on ED7200 devices.
Optional: less dogging; see How to Order, page 23.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts or spanner head screws; see How to Order, page 23.

Strike

See Options and Accessories, page 19.

Removable Mullion

See Mullions, page 7.

Trims and Functions

Throughbolted pull trims available; see Trims and Functions, page 6.

Cylinders

Brass, 6-pin, L4 keyway, 0-bitted standard.
Optional cylinders available; see How to Order, page 23.

Keys

Two nickel silver standard.

Applications and Listings

See page 3.

Warranty

Three-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.
Meets A117.1 Accessibility Code.

UL/ULC

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

ADA

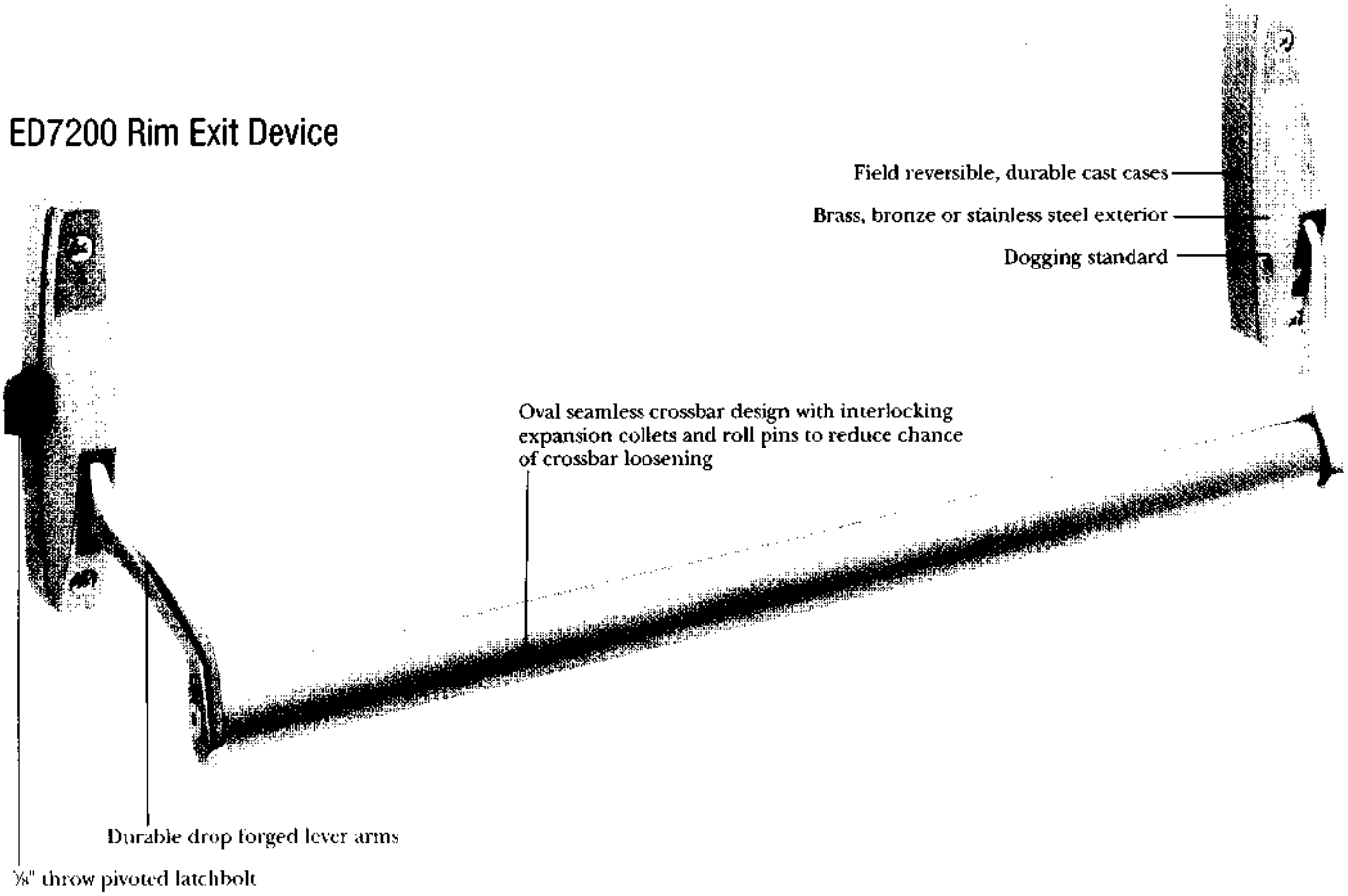
Exit devices and pull trims comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

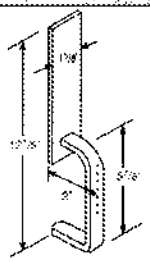
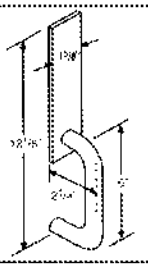
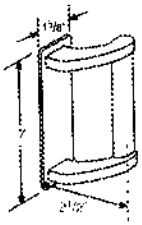
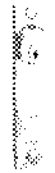
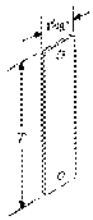
Narrow Stile Crossbar Exit Devices
ED7200 Series

ED7200 Rim Exit Device



Narrow Stile Crossbar Exit Devices
ED7200 Series

Rim Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7200	4	Exit Only	01	- Exit only; no trim. (Accepts all trims listed below.)
For Dummy and Nightlatch functions, see Trim Designs below.		Dummy	02	- Always rigid.
		Nightlatch	03/04/09	- Always rigid. Key removable only when locked.

Pull Trim Design			Trim/Function: Dummy ANSI No. 02	Trim/Function: Nightlatch ANSI No. 03/04/09
	D Grip Pull **P4** Grip: Extruded Escutcheon: Wrought Cylinder: Rim		P450	P457
	Round Grip Pull **P5** Grip: Extruded Escutcheon: Wrought Cylinder: Rim		P550	P557
	Pull **P6** Grip: Wrought Escutcheon: Wrought Cylinder: Rim		P650	P657
	**Plate** **P7** Escutcheon: Wrought Cylinder: Rim		N/A	P757

Narrow Stile Crossbar Exit Devices
ED7200 Series

Removable Mullions

Used to install two ED7200 Rim Exit Devices in a double door opening. May be quickly and easily removed, then reinstalled, when a full double door opening is temporarily required.

Material and Finish

Steel mullion with malleable iron top and bottom plates; furnished with zinc plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Primed for painting.

507 - Removable Mullion

(ANSI Type 22)

Accommodates door openings up to 7'2" high, with or without threshold.

Ordering

See How to Order, page 22.

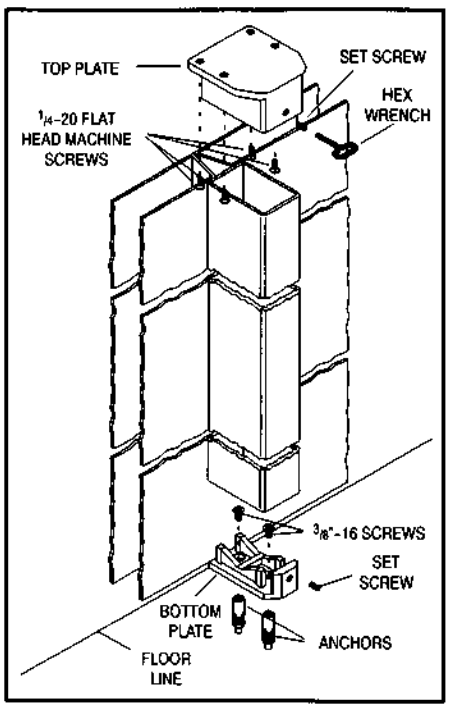
510 - Removable Mullion For Doors Up to 10'

(ANSI Type 22)

Used to install two ED7200 Rim Exit Devices in a panic listed double door opening up to 10' high. (May be field cut for doors under 10'.)

Ordering

See How to Order, page 22.



Narrow Stile Crossbar Exit Devices
ED7400 Series

ED7400 Panic Listed Vertical Rod Exit Device

Features

Handing
Field reversible; specify hand.

Bar Length
Easily field cut to size.
Standard 36" bar fits doors up to 36".
Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness
Standard: 1¾".
Optional 2" and 2¼"; see How to Order, page 23.

Backset
1⅛" minimum for ½" stop.
1¼" minimum for ⅝" stop.

Stile
Minimum width 1⅞" for ½" stop; 2" for ⅝" stop.

Door Height
All top rods easily field cut to size.
Standard: top rod for 7'6" door.
Optional: top rod for doors up to 10'; see How to Order, page 23.

Projection
4⅞"; 3⅛" depressed.

Latchbolts
Top: ½" throw pivoted.
Bottom: ⅜" throw pivoted. Bottom latch acts independently, allowing top latch to remain engaged even when bottom latch is not projected.

Vertical Rods
Inverted U-shaped rectangular with concealed rod guides.

Less Bottom Rod
Optional; see How to Order, page 23.

Materials
Brass, bronze or stainless steel.

Cases
Heavy cast.
Active case: 8" x 1¼".
Inactive case: 7½" x 1¼".
Top latch: 5 1/16" x 1¼".
Bottom latch: 5⅝" x 1¼".

Crossbar
Standard: 1 3/16" x 1⅜" oval seamless tubing.
Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging
Standard on ED7400 devices.
Optional: less dogging; see How to Order, page 23.

Fasteners
Standard: machine screws.
Optional: sex nuts and bolts or spanner head screws; see How to Order, page 23.

Strikes
See Options and Accessories, page 19.

Trims and Functions
Throughbolted lever, pull and operator trims available; see Trims and Functions, page 10.

Cylinders
Brass, 6-pin, L4 keyway, 0-bitted standard. Optional cylinders available; see How to Order, page 23.

Keys
Two nickel silver standard.

Applications and Listings
See page 3.

Warranty
Three-year limited.

Certification/Compliance

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

UL / ULC
All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

California State Reference Code
(Formerly Title 19, California State Fire Marshal Standard)
Levers with returns comply.

NFPA
All exit devices comply with NFPA 101 Life Safety Code.

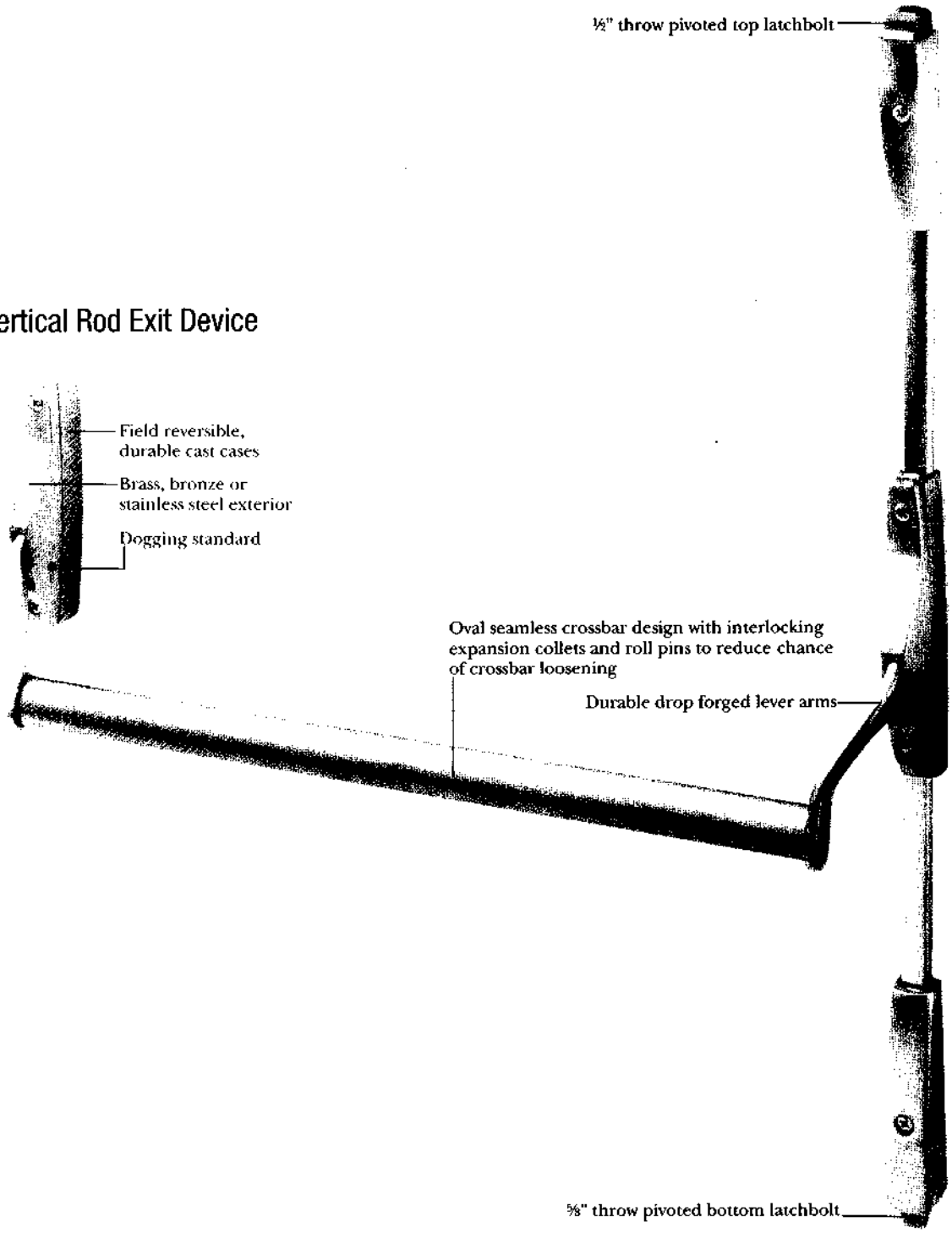
ADA
Exit devices, pull trims, and lever trims comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

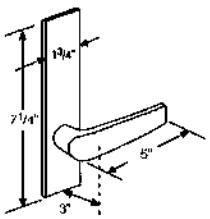
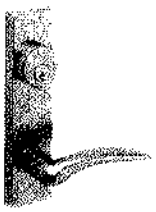
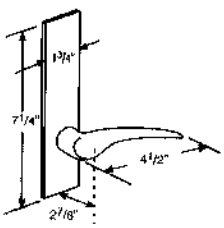
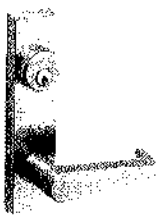
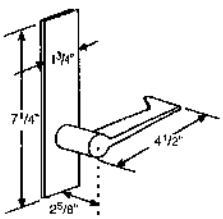
Narrow Stile Crossbar Exit Devices
ED7400 Series

ED7400 Vertical Rod Exit Device

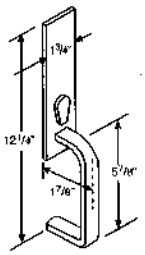
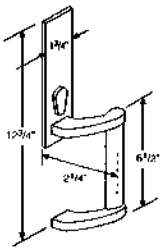


Narrow Stile Crossbar Exit Devices
ED7400 Series

Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7400	5	Exit Only	01	- Exit only; no trim. (Accepts operator trim.)
ED7401	5	Exit Only	01	- Exit only; no trim. (Accepts lever trim.)
For Classroom and Nightlatch functions, see Trim Designs below.		Classroom	08/11	- Free at all times, except when locked by key.
		Nightlatch	03/04/09/12	- Always rigid. Key removable only when locked.

Lever Trim Design (Available with ED7401 devices only.)	Trim/Function: Classroom ANSI No. 08	Trim/Function: Nightlatch ANSI No. 03/04/09
Citation **C4** Lever: Cast Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02 	C455	C457
 **Dirke** **D4** Lever: Cast Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02 	D455	D457
 **Essex** **E4** Lever: Cast Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02 	E455	E457

Narrow Stile Crossbar Exit Devices
ED7400 Series

Operator Trim Design (Available with ED7400 devices only.)	Trim/Function: Classroom ANSI No. 11	Trim/Function: Nightlatch ANSI No. 03/04/12
D Grip Operator **03** Grip: Extruded Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02 	0355	0357
		0356*
Round Grip Operator **04** Grip: Extruded Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02 	0455	0457
		0456*

*Key also used to hold top and bottom latchbolts in retracted position for ANSI No. 4 function.

Narrow Stile Crossbar Exit Devices
ED7600 Series

ED7600 Panic Listed Mortise Exit Device
ED7600A 3 Hour Fire Rated Mortise Exit Device

Features

Handing

Device is field reversible, but strike is not; specify hand.

Bar Length

Easily field cut to size.
Standard 36" bar fits doors up to 36".
Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness

Standard: 1¾".
Optional: 2" and 2¼"; see How to Order, page 23.

Backset

2¾".

Stile

Minimum width 5".

Projection

4⅞"; 3⅛" depressed.

Latchbolt

Brass, ¾" throw.

Auxiliary Latchbolt

Brass.

Latch Hold-Back

Standard on ED7600 devices with keyed function trim; latchbolt may be held in retracted position by pushing in latchbolt and turning key.
Optional: less latch hold-back; see How to Order, page 23.
Latch hold-back not available on ED7600A devices.

Front

Heavy gauge steel, 8" x 1¼".
Accommodates flat doors and doors beveled ⅛" in 2".

Materials

Brass, bronze or stainless steel.

Cases

Heavy cast, 7½" x 1¼".

Crossbar

Standard: 1³⁄₁₆" x 1⅜" oval seamless tubing.
Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging

Standard on ED7600 devices.
Optional: less dogging; see How to Order, page 23.
Dogging not available on ED7600A devices.

Fasteners

Standard on ED7600 devices: machine screws.
Optional on ED7600 devices: sex nuts and bolts; see How to Order, page 23.
Standard on ED7600A devices: sex nuts and bolts.
Optional on ED7600 and ED7600A devices: spanner head screws; see How to Order, page 23.

Strike

See Options and Accessories, page 20.

Trims and Functions

Throughbolted lever, knob and thumbpiece trims available with a wide range of functions; see Trims and Functions, page 14.

Cylinders

Brass, 6-pin, L4 keyway, 0-bitted standard.
Optional cylinders available; see How to Order, page 23.

Keys

Two nickel silver standard.

Applications and Listings

See page 3.

Warranty

Three-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.
Meets A117.1 Accessibility Code.

UL / ULC

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.
3 hour fire rated devices listed as fire exit hardware for A label and lesser class 4' x 7'2" single doors. UL symbol on active head indicates listing.

California State Reference Code

(Formerly Title 19, California State Fire Marshal Standard)
Levers with returns comply.

NFPA

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

ADA

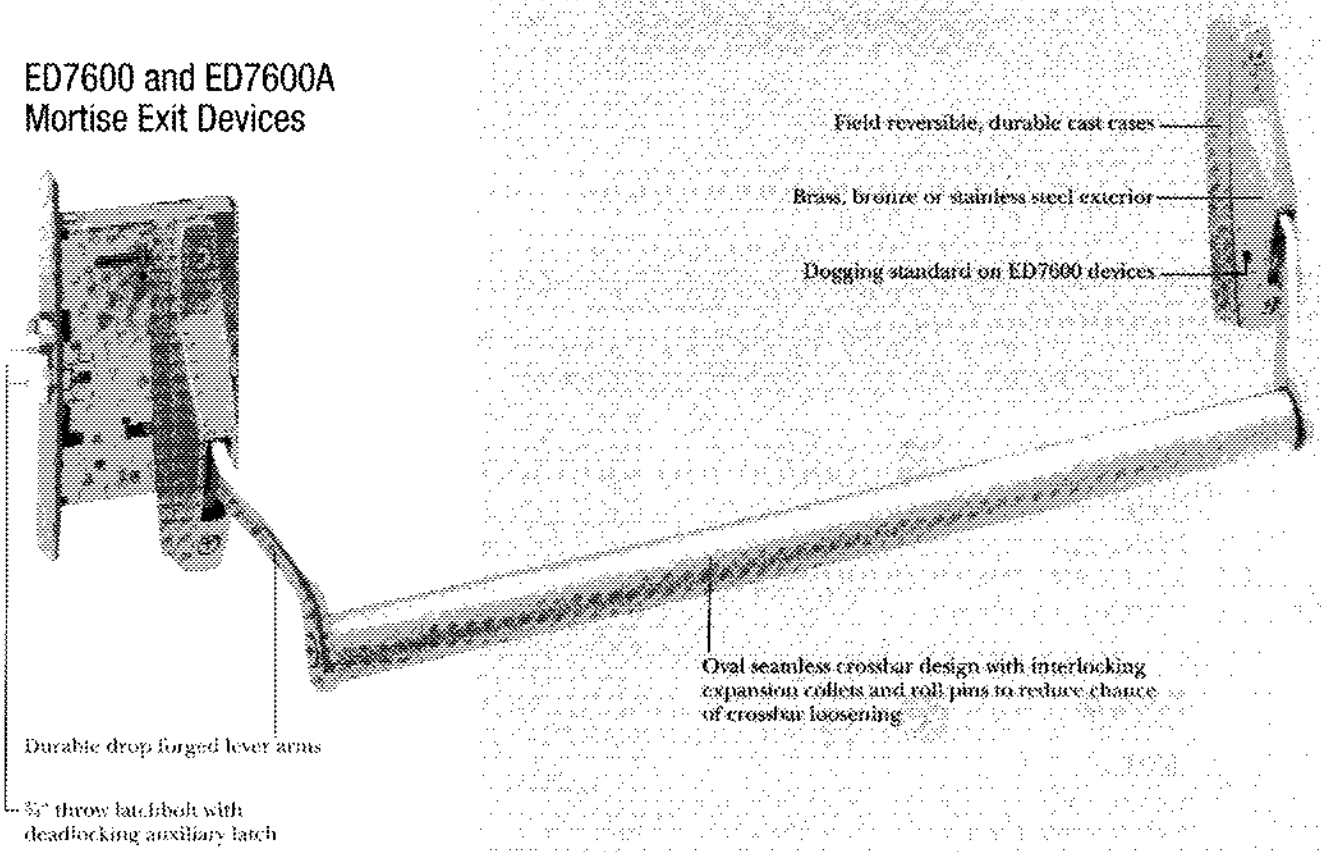
Exit devices and lever trims comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

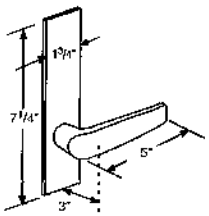
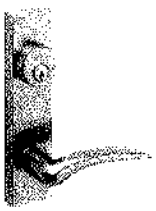
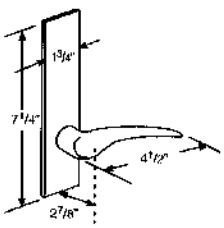
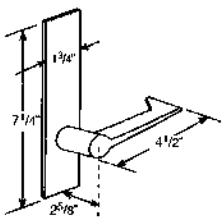
Narrow Stile Crossbar Exit Devices
ED7600 Series

ED7600 and ED7600A
Mortise Exit Devices

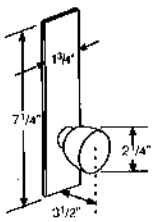
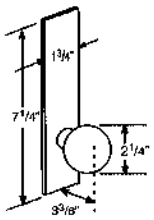
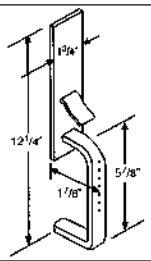
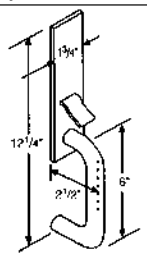


Narrow Stile Crossbar Exit Devices
ED7600 Series

Mortise Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7600	10	Exit Only	01	- Exit only; no trim. (Accepts all trims listed on pages 14 and 15.)
ED7600A	10	Exit Only	01	- 3 hour fire rated exit only; no trim. (Accepts all trims listed on pages 14 and 15.)
For Passage, Dummy, Classroom and Nightlatch functions, see Trim Designs below and on page 15.		Passage	—	- Free at all times.
		Dummy	02	- Always rigid.
		Classroom	05/08	- Free at all times, except when locked by key.
		Nightlatch	03/04/06/09	- Always rigid. Key removable only when locked.

Lever Trim Design	Trim/Function: Passage	Dummy ANSI No. 02	Classroom ANSI No. 05/08	Nightlatch ANSI No. 03/04/06/09
Citation **C4M** Lever: Cast Escutcheon: Cast Cylinder: 1½" mortise 	C4M10	N/A	C4M55	N/A
 **Dirke** **D4M** Lever: Cast Escutcheon: Cast Cylinder: 1½" mortise 	D4M10	N/A	D4M55	N/A
Essex **E4M** Lever: Cast Escutcheon: Cast Cylinder: 1½" mortise 	E4M10	N/A	E4M55	N/A

Narrow Stile Crossbar Exit Devices
ED7600 Series

Knob or Thumbpiece Trim Design	Trim/Function			
	Passage	Dummy ANSI No. 02	Classroom ANSI No. 05/08	Nightlatch ANSI No. 03/04/06/09
Belmont **B5M** Knob: Wrought reinforced Escutcheon: Cast Cylinder: 1½" mortise 	B5M10	B5M50	B5M55	N/A
Global **G6M** Knob: Wrought reinforced Escutcheon: Cast Cylinder: 1½" mortise 	G6M10	G6M50	G6M55	N/A
D Grip **T11M** Grip: Extruded Escutcheon: Cast Cylinder: Mortise 	T11M10	T11M50	T11M55	T11M57
Round Grip **T12M** Grip: Extruded Escutcheon: Cast Cylinder: Mortise 	T12M10	T12M50	T12M55	T12M57

Narrow Stile Crossbar Exit Devices
ED7800 Series

ED7800 Panic Listed Concealed Vertical Rod Exit Device
ED7800A 3 Hour Fire Rated Concealed Vertical Rod Exit Device

Features

Handing
Field reversible; specify hand.

Bar Length
Easily field cut to size.
Standard 36" bar fit doors up to 36".
Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness
1¾" only (requires properly reinforced door).

Backset
1⅜" on single door with ⅜" stop. 1" on pair of doors.

Stile
Minimum width: 2⅛" on single door; 1¾" on pair of doors.

Door Height
All top rods easily field cut to size.
Standard on ED7800 devices: top rod for doors up to 8'6".
Optional on ED7800 devices: top rod for doors up to 10'8"; see How to Order, page 23.
Standard on ED7400A devices: top rod for 7'2" doors.

Projection
4⅞"; 3⅛" depressed.

Latchbolts
Top: ¾" throw pivoted and deadlocking.
Bottom: 13/16" throw rounded steel.

Vertical Rods
Top: ⅜" solid steel.
Bottom: ½" O.D. steel tubing.

Materials
Brass, bronze or stainless steel.

Cases
Heavy cast, 7½" x 1¼".

Crossbar
Standard: 13/16" x 1⅜" oval seamless tubing.
Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging
Standard on ED7800 devices.
Optional: less dogging; see How to Order, page 23.
Dogging not available on ED7800A devices.

Fasteners
Standard on ED7800 devices: machine screws.
Optional on ED7800 devices: sex nuts and bolts; see How to Order, page 23.
Standard on ED7800A devices: sex nuts and bolts.
Optional on ED7800 and ED7800A devices: spanner head screws; see How to Order, page 23.

Strikes
See Options and Accessories, page 20.

Trim and Function
Operator trim available with nightlatch function; see Trim and Function, page 18.

Cylinders
Brass, 6-pin, L4 keyway, 0-bitted standard.
Optional cylinders available; see How to Order, page 23.

Keys
Two nickel silver standard.

Applications and Listings
See page 3.

Warranty
Three-year limited.

Certification/Compliance

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

UL / ULC
All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.
3 hour fire rated devices listed as fire exit hardware for A label and lesser class 4' x 7'2" single and 8' x 7'2" double doors. UL symbol on active head indicates listing.

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

ADA
Exit devices comply with Americans with Disabilities Act.

Finishes

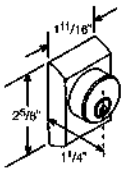
BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

Narrow Stile Crossbar Exit Devices
ED7800 Series

ED7800 and ED7800A Concealed Vertical Rod Exit Devices

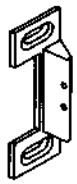
Narrow Stile Crossbar Exit Devices
ED7800 Series

Concealed Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7800	6	Exit Only	01	- Exit only; no trim. (Accepts 05 operator trim.)
ED7800A	6	Exit Only	01	- 3 hour fire rated exit only; no trim.
For Nightlatch function, see Trim Design below.		Nightlatch	09	- Always rigid. Key removable only when locked.

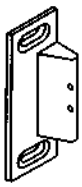
Operator Trim Design	Trim/Function Nightlatch ANSI No. 09
Operator **05** Escutcheon: Cast Cylinder: Special mortise 	0557

Narrow Stile Crossbar Exit Devices
ED7000 Series

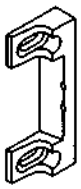
Rim Strikes
(Screws included)



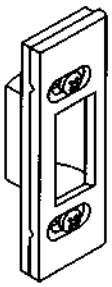
Open Rim Strike
Standard on ED7200 devices. 3¾" x 1³⁄₃₂". Includes nylon anti-friction inserts for quieter operation. To order separately, specify 145F56.



Rim Strike
Optional on ED7200 devices. Includes nylon anti-friction inserts for quieter operation. 3¼" x 1⁹⁄₁₆", for doors with ⅝" or ½" stop.
To order with exit device, specify option S07.
To order separately, specify 145F55.
To order with ⅛" shim for door with ½" stop, specify 145F55 x 184F82.



Rim Strike for Aluminum Frame with Blade Stop
Optional on ED7200 devices. Blade strike with wear plate. Includes nylon anti-friction inserts for quieter operation. To order with exit device, specify option S08.
To order separately, specify 300F71 strike packet. Packet includes wear plate 213F05-7 and ⅛" shim 184F82 for door with ½" stop.

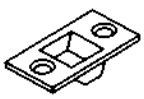


Mortised Adjustable Rim Strike
Optional on ED7200 devices; adjustable to compensate for shrinkage and swelling of door. 3¾" x 1⁹⁄₁₆".
To order with exit device, specify option S04.
To order separately, specify 142F43.

Vertical Rod Strikes
(Screws included)

Top Strike
Standard on ED7400 devices.
1½" x 1⁹⁄₁₆" with ¹⁵⁄₁₆" projection.
To order separately, specify 446F21.

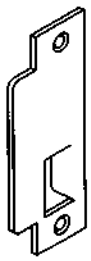
Bottom Strike
Standard on ED7400 devices.
2¼" x 1" with ⁹⁄₁₆" projection.
To order separately, specify packet 446F22.



Flush Bottom Strike
Optional on ED7400 devices. To order with exit device, specify option S03.
To order separately, specify 361F91.

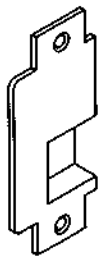
Narrow Stile Crossbar Exit Devices ED7000 Series

Mortise Strikes



Mortise Strike
Standard on ED7600 and ED7600A devices. Heavy gauge steel, nylon coated; stainless steel standard for stainless steel devices.
4⅞" x 1⅛" x 1⅛" lip to center standard; specify other lip lengths from 1¼" to 3".
To order separately, specify Part No.

Description	Hand	Part No.
Heavy gauge steel	LHR	405L13
	RHR	405L14
Stainless steel	LHR	240L50
	RHR	240L51

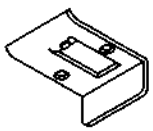


Open Back Strike
(Screws included)
Optional for use with ED7400 x ED7600 devices on pair of doors. To order with exit device, see How to Order, page 23.
To order separately, specify Part No. x Door Thickness x Finish.

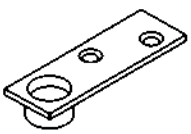
Hand	Door Thickness	Part No.
LHR	1¾", 2", 2¼"	411L62
RHR	1¾", 2", 2¼"	411L63

Concealed Vertical Rod Strikes

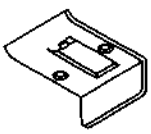
(Screws included)



Top Strike
Standard on ED7800 devices.
To order separately, specify 503F55.



Bottom Strike
Standard on ED7800 and ED7800A devices.
To order separately, specify: 503F52 for ED7800 devices; 503F53 for ED7800A devices (includes stainless steel screws).

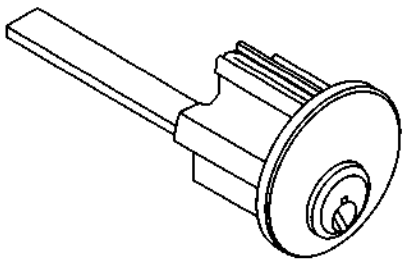
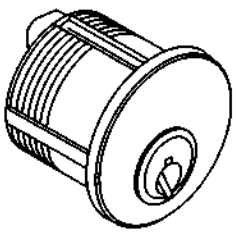


3 Hour Fire Rated Top Strike
Standard on ED7800A devices.
To order separately, specify 503F56.

Narrow Stile Crossbar Exit Devices
ED7000 Series

Cylinders

L4 keyway standard; specify other keyways.
Collar not included.
To order with Exit Device, see How to Order, page 23.
To order separately, specify Part No. x Keyway x Finish (e.g., 3000-200-7 x L4 x 605).

Cylinder Type	Part No.	Description
 Rim	3000-200	6-pin, horizontal tailpiece
	3000-200-7	7-pin, horizontal tailpiece
	3010-200	6-pin, horizontal tailpiece, high security
	3012-178	6-pin, blockout function, high security
	3070-178	6-pin, interchangeable core (IC) less core
	3070-178-7	7-pin, IC less core
	3080-178	6-pin, IC
	3080-178-7	7-pin, IC
	3090-178	6-pin, high security IC
 Mortise	1000-118-A02	6-pin, 1⅛" straight cam
	1000-114-A02-7	7-pin, 1¼" straight cam
	1010-118-A02	6-pin, 1⅛" high security straight cam
	1012-114-A02	6-pin, 1¼" high security with blockout
	1070-114-A02	6-pin, 1¼" IC less core
	1080-114-A02	6-pin, 1¼" IC straight cam
	1090-114-A02	6-pin, 1¼" IC high security straight cam
	1000-118-A91	6-pin, 1⅛" (for 02 and 03 trims only)
	1000-114-A91-7	7-pin, 1¼" (for 02 and 03 trims only)
	1000-138-A01	6-pin, 1⅜"
	1000-138-A01-7	7-pin, 1⅜"
	1010-138-A01	6-pin, 1⅜" high security
	1070-138-A01	6-pin, 1⅜" IC less core
	1080-138-A01	6-pin, 1⅜" IC
	1090-138-A01	6-pin, 1⅜" IC high security
	1000-112-A02	6-pin, 1½" straight cam (for B4M, C4M and E4M trims only)
	1000-112-A02-7	7-pin, 1½" straight cam (for B4M, C4M and E4M trims only)
	1010-112-A02	6-pin, 1½" high security straight cam (for B4M, C4M and E4M trims only)
	1080-112-A02	6-pin, 1½" IC straight cam (for B4M, C4M and E4M trims only)
	1080-112-A02-7	7-pin, 1½" IC straight cam (for B4M, C4M and E4M trims only)
	1090-112-A02	6-pin, 1½" IC high security straight cam (for B4M, C4M and E4M trims only)

Narrow Stile Crossbar Exit Devices
ED7000 Series

Ordering Examples

Rim Exit Device

Quantity	Exit Device	Finish	Hand	Misc. Options
36	ED7200	606	RHR	M51-M54

Removable Mullion

Quantity	Mullion
12	507

Rim Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Optional Strike	Door Width	Misc. Options
23	ED7200	P457	630	LHR	D214	S08	W048	M53

Trim Only (For Rim Exit Device)

Quantity	Trim/Function	Finish	Hand
15	P657	630	LHR

Contract/Detailed Order – Rim Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/ Function	Finish	Hand	Door Thickness	Door Width	Misc. Options	Optional Cylinder	Keying
32	AA1	ED7200	P557	625	LHR	D200	W048	M54	C6	VKC3

Where to find ordering information and quick codes

Trims and Functions
- Rim — Pages 4-7
- Vertical Rod — Pages 8-11
- Mortise — Pages 12-15
- Concealed Vertical Rod — Pages 16-18

Removable Mullion — Page 22
Finish — Page 23
Handing — Page 23
Door Thickness — Page 23
Strike — Page 23
Door Width — Page 23
Door Height — Page 23
Miscellaneous Options — Page 23
Cylinder and Keying — Page 23

Narrow Stile Crossbar Exit Devices
ED7000 Series Quick Codes

Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less cylinder(s)	LC
High security	HS
High security interchangeable core (IC)	CHS
IC 6-pin	C6
IC 6-pin with temporary construction core	CT6
IC 6-pin less core	CL6
IC 7-pin (rim only)	C7
IC 7-pin with temporary construction core	CT7
IC 7-pin less core (rim only)	CL7
Master ring (ED7400 only)	MR
Blockout function	BO
0-bitted with 2 blank keys	(standard)
Keyed random	KR
Construction master keyed	CMK
Visual key control (VKC)	
- Keys only	VKC1
- Cylinders and keys (not available with HS or CHS)	VKC2
- Cylinders only (not available with HS or CHS)	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only	CKC3
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY3)

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Finish

Description		Specify
US3	Bright Brass	605
US4	Satin Brass	606
US9	Bright Bronze	611
US10	Satin Bronze	612
US10B	Dark Oxidized Satin Bronze, oil rubbed	613
US19	Flat Black Coated	622
US26	Bright Chromium Plated	625
US26D	Satin Chromium Plated	626
US32	Bright Stainless Steel	629
US32D	Satin Stainless Steel	630

Strike

Description	Specify
Rim	
Open rim (ED7200 devices)	(standard)
Rim	S07
For aluminum frame with blade stop	S08
Mortised adjustable	S04
Vertical rod	
Top (ED7400 devices)	(standard)
Surface projecting bottom (ED7400 devices)	(standard)
Flush bottom (ED7400 devices only)	S03
Concealed vertical rod	
Top (ED7800 devices)	(standard)
3 hour fire rated top (ED7800A devices)	(standard)
Bottom (ED7800 and ED7800A devices)	(standard)
Mortise	
ANSI strike	(standard)
Open back	
1¾" door thickness	SB134
2" door thickness	SB200
2¼" door thickness	SB214

Door Thickness

Door Thickness	Specify
1¾"	(standard)
2" (except ED7800)	D200
2¼" (except ED7800)	D214

Door Width

Door Width	Specify
36"	(standard)
48"	W048

Door Height

Door Height	Specify
7'6" (ED7400 devices)	(standard)
7'2" (ED7400A and ED7800A devices)	(standard)
10'0" (ED7400 devices only)	H1000
10'8" (ED7800 devices only)	H1008

Miscellaneous Options

Description	Specify
Spanner head screws	M02
ANSI wrought strike box	M17
Knurling outside and inside (trim and device; not available with M50)	M20
Knurling outside only (trim side)	M21
Knurling inside only (device side; not available with M50)	M22
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
Stainless steel crossbar (not available with M20 or M22)	M50
Less dogging	M51
Steel reinforced crossbar	M53
Sex nuts and bolts (SNBs)	M54
Less bottom vertical rod	M55
Shim for 2¾" backset on doors with ½" stop (rim devices only)	M59
Less latch hold-back (ED7200 and ED7600 devices only)	M66

Narrow Stile Crossbar Exit Devices ED7000 Series

Abrasive Coat
Hard granular material applied to a knob or lever to provide a non-slip tactile surface for the visually impaired.

Active Door
In a pair of doors, the door that is operable from the trim side.

Astragal
A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator
A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch
A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging
A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull. It cannot be used on fire rated exit devices.

Double Egress
A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim
Trim only, without a lock. Usually used on the inactive door of a pair of doors.

Exit Device (Panic Hardware)
A door locking device with a pushbar or crossbar which, when pressed, allows instant exit (egress).

Fire Exit Hardware
An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire rated openings.

Hand
The direction a door swings.

Inactive Door
In a pair of doors, the door that is inoperable from the trim side.

Latchbolt
A lock component that has a beveled end and projects into a strike, holding a door in a closed position.

Mullion
A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Narrow Stile Door
Usually a door having a stile of less than 2¾" wide, commonly seen on aluminum or glass front applications.

Open Back Strike
For mortise exit devices, used on the inactive door (usually the vertical rod door) of a pair of doors that swing in the same direction. It permits the inactive door to open or close independently.

Reversible
Pertains to a product that may be changed in the field to accommodate any hand of the door.

Shim Kit
Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) moulding.

Split Astragal
An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold
A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim
Knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device
An exit device that may be used on doors of either hand without any modifications.

Keying and Cylinder Terms

Blockout Cylinder
A cylinder which allows all keys to be temporarily blocked from operating. It is set by a blockout key.

Concealed Key Control (CKC)
The marking of standard key symbols on a cylinder in a location which is not visible once the cylinder is installed.

Construction Master Keying (CMK)
A cylinder preparation which allows temporary access by construction personnel.

Control Key
A key used to remove and install interchangeable cores.

Cylinder
A lock component containing the combination which determines which keys will operate.

Flex Head Cylinder
A cylinder with built-in adjustment for minor variations in door and trim thickness.

High Security Cylinder
A cylinder which provides extra resistance to picking and unauthorized duplication of keys.

Interchangeable Core (IC)
A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Symbol
A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway
The opening in a cylinder plug through which the key enters.

Master Keying
Preparation of a cylinder to operate with keys of different levels of access.

Master Ring Cylinder
A cylinder which offers a wider range of keying.

Visual Key Control (VKC)
The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

Narrow Stile Crossbar Exit Devices
ED7000 Series

Suggested Specification

All exit devices shall be ED7000 Series Narrow Stile Crossbar Exit Devices as manufactured by Corbin Russwin Architectural Hardware, Berlin, Connecticut, USA.

The maximum exit device projection shall be 4⅞", and 3⅛" when crossbar is depressed. Exit devices shall have matched twin cases mounted with concealed fastening screws, and shall be constructed of brass, bronze or stainless steel. Non-matched twin cases shall not be acceptable. Crossbar lever arms shall be drop forged. Devices shall be field reversible.

Crossbars shall be oval shaped and shall be a minimum of .065" thick. Crossbars shall interlock into the lever arms by expansion collets and interlocking roll pins. Crossbars attached with rivets shall not be acceptable. Reinforced crossbars and stainless steel crossbars shall be available. All exit devices shall be easily field sized to accommodate various door widths.

Panic listed exit devices shall have dogging standard. Dogging screws shall seat into heat-treated pivots for long life and minimum wear. Panic listed devices shall be available less dogging.

All devices shall be listed by Underwriters Laboratories (UL) for safety as panic hardware. Fire rated devices shall be UL listed for A label and lesser class doors, 4' x 7'2" single and 8' x 7'2" pair.

All exit devices shall have ample allowances for easy alignment.

Trims shall be throughbolted with concealed fasteners. Escutcheon, rose and pull trims shall be constructed of brass, bronze or stainless steel. All lever trims shall use cast levers. Wrought levers shall not be acceptable. Lever trims shall match those on Corbin Russwin Mortise and Cylindrical Locksets.

All devices and trim shall be furnished in architectural finishes and shall match the trims and finishes on corresponding locksets.

Certification:
Federal Specification FF-H-1820
ANSI A156.3 Grade 1

All devices, trims, and cylinders shall be from one manufacturer.

All devices and trims shall carry a three-year limited warranty.

Narrow Stile Crossbar Exit Devices
ED7000 Series

Narrow Stile Crossbar Exit Devices
ED7000 Series

605 Bright Brass (US3)

606 Satin Brass (US4)

611 Bright Bronze (US9)

612 Satin Bronze (US10)

613 Dark Oxidized Satin Bronze, oil rubbed (US10B)

622 Flat Black Coated (US19)

625 Bright Chromium Plated (US26)

626 Satin Chromium Plated (US26D)

629 Bright Stainless Steel (US32)

630 Satin Stainless Steel (US32D)

Note: Printed color may vary slightly from actual finish.

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

In U.S.:
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P.O. Box 25288
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Mississauga, ONT L4V 1R5
Phone 800-461-3007 / 905-672-6220
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