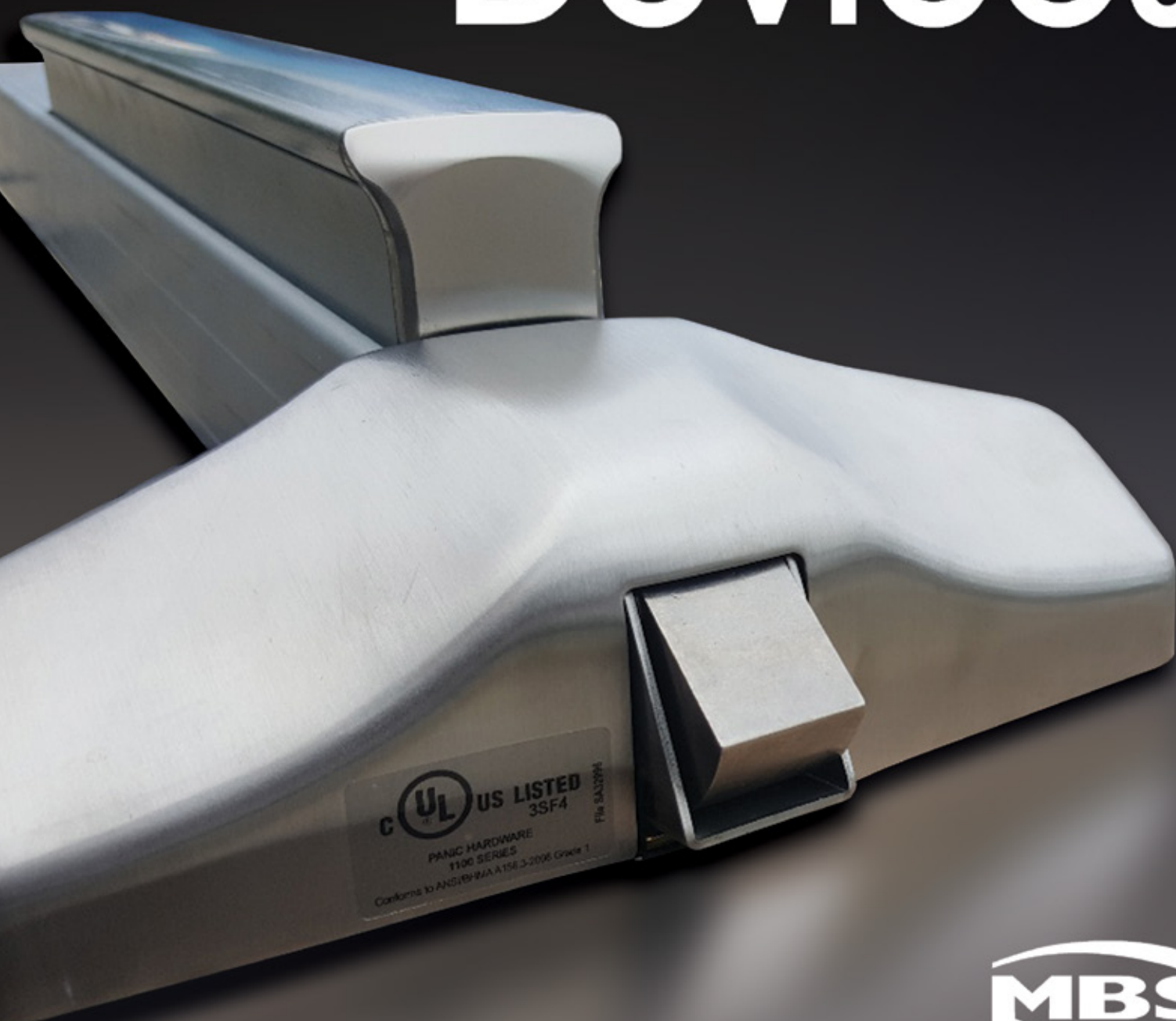




Q1000^{Series} Exit Devices



UL US LISTED
3SF4
Panic Hardware
T100 Series
Conforms to ANSI/BHMA A156.3-2006 Grade 1
File SA2096



Contents

Q1000 Series exit Devices

Q1000 Series Exit devices and Trims are designed for new or retrofit installation into other manufacturers' devices. Push Bar assembly's smooth and reduced projection minimizes catch hazard. Device function is field selectable by adaptation with selected type of trim. A full complement of lever trim is available in a wide range of architectural finishes. Q1000 Series are made to comply with highest safety and security standards in the industry. Devices and trims are UL listed for Panic Hardware or Fire Hardware. They are certified to ANSI/UL305 and ANSI/BHMA A156.3 Grade 1. Q1000 Series provides superior durability for high impact applications such as offices, schools, banks, assisted living facilities and other institutions or commercial buildings.



Out of an abundance of caution, MBS has elected to place the Proposition 65 warning on all products shipped to California.

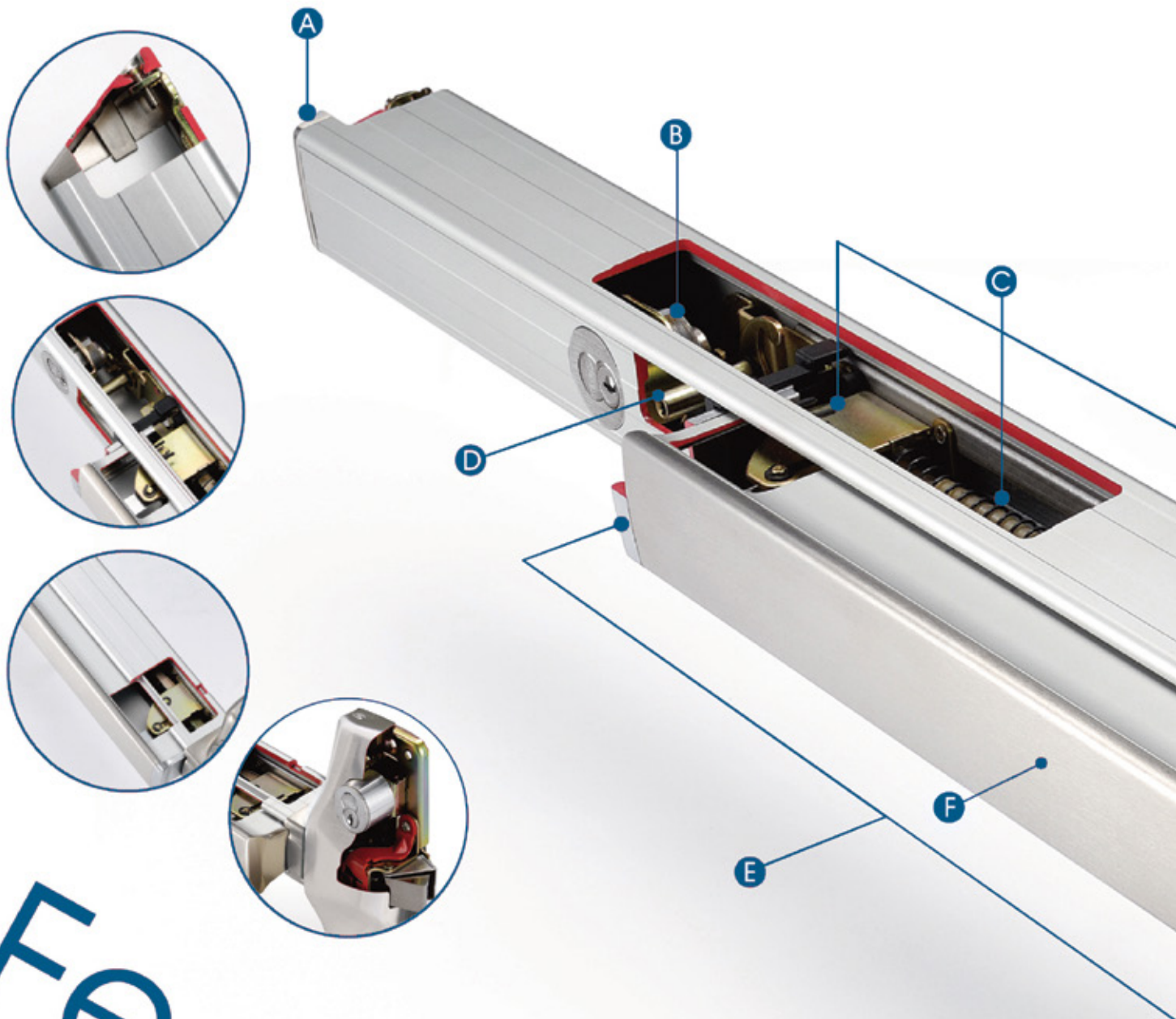


WARNING: These products can expose you to chemicals including chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



Q1000 Series Exit Devices

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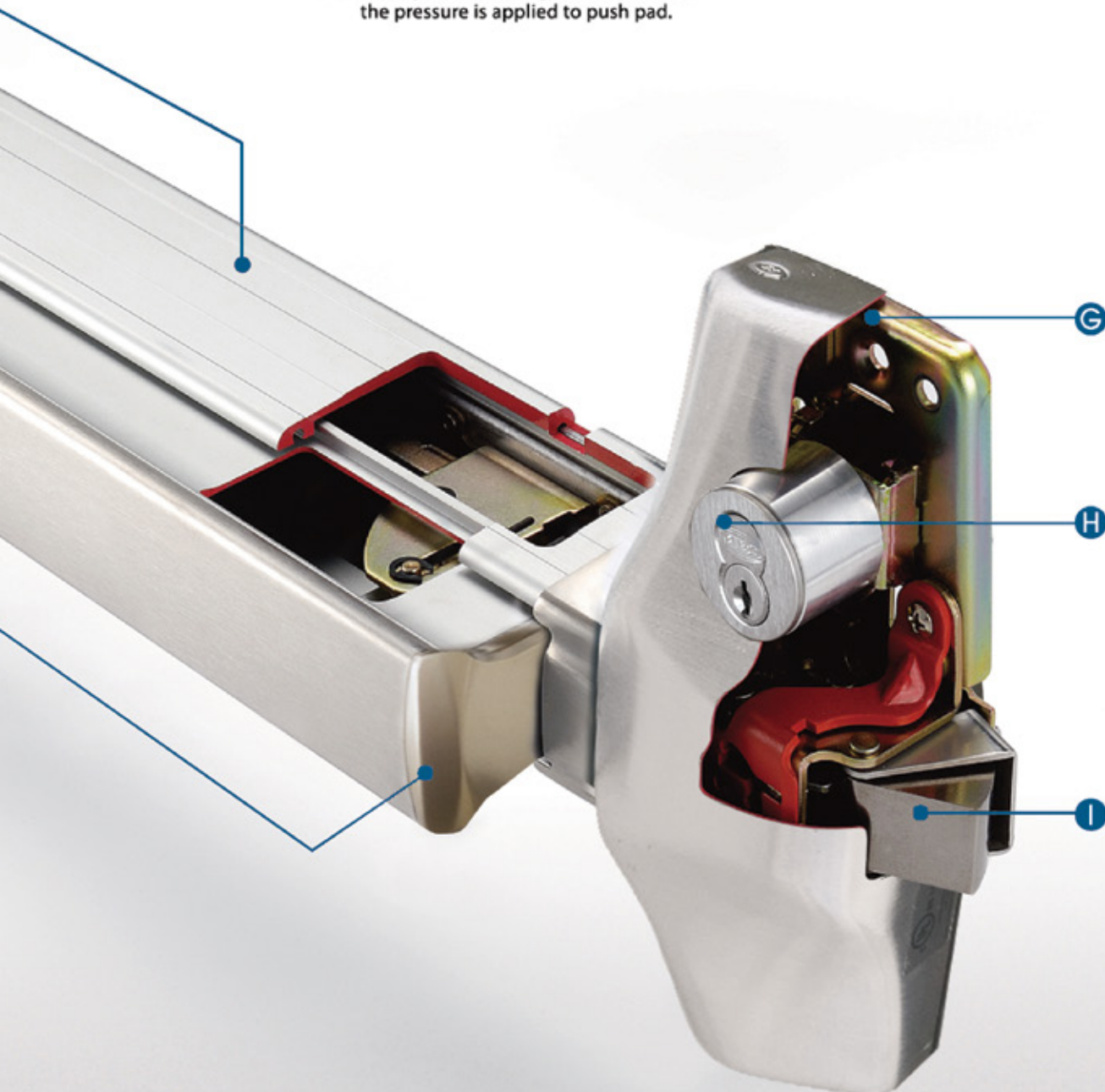


Features

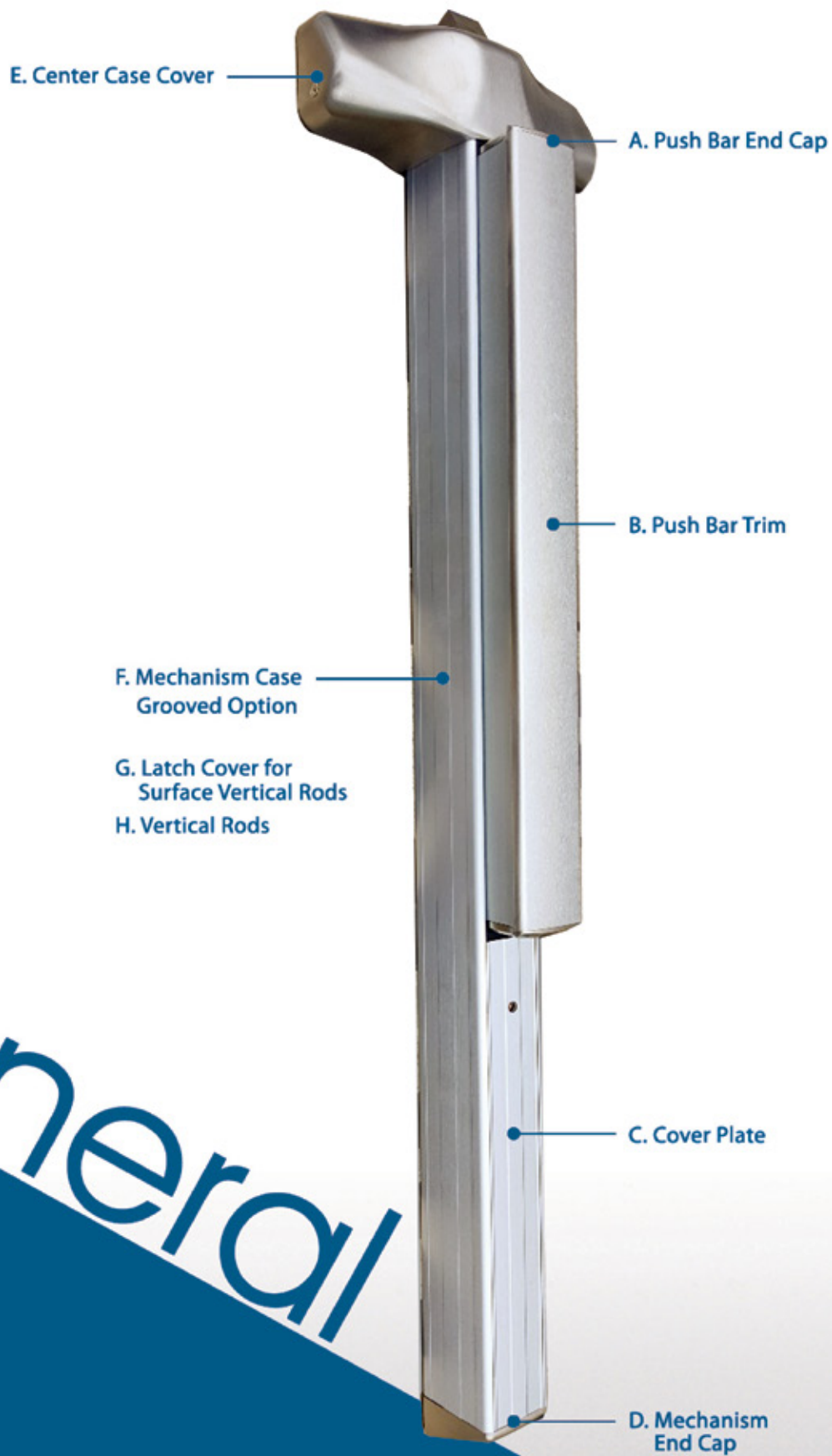
Q1000 Series Exit device is fabricated and blended with Simplicity, Strength, Durability, Aesthetics and Installer-friendly Innovations.

- Devices and Trims are designed for new or retrofit installation into other manufacturers' exit devices and trims.
- Made to comply with highest safety and security standards in industry.
- UL listed for Panic Hardware or 3-Hour Fire Rated Exit Hardware.
- ETL certified to ANSI/UL305 and ANSI A156.3 2008 Grade 1 standards.

- A** Flush end cap design.
- B** Simple cylinder built in add-on kit.
- C** Special plastic inserts and rubber bumpers reduce noise, and don't fail under high or low temperature. Impervious to petroleum lubricants.
- D** Dogging can be done with an allen wrench, a small flat key or a flat blade screwdriver.
- E** Integrated End Cap and Pivot adds push pad stability and makes the bar move just as well regardless of where the pressure is applied to push pad.
- F** Push Bar is smooth surfaced. Reduced projection minimizes catch hazard.
- G** Center Case with maximum versatility, Surface and Concealed Vertical Rods can be adjusted inside the center case with an ingenious rod holder design.
- H** Double Cylinder devices are used like classroom intruder locks, allowing the teacher to lock the outside trim without opening the door.
- I** Stainless Steel Latch and deadlatching blade add perceived value.



Device Material



Finishes

COLOR	ANSI/ BHMA	US	B. E. G.	A. D.	C. F. H.
Polished Brass	605	3	Brass, Polished	Plated	Buffed Anodized
Satin Brass	606	4	Brass, Satin	Plated	Anodized
Dark Oxidized Satin Bronze	613	10B	Bronze, Satin; Dark Oxidized	Plated	Anodized
Polished Chrome	625	26	St. Steel, Polished	Plated	Buffed Anodized
Satin Chrome	626	26D	Brass, Satin & Plated	Plated	Anodized
Satin Stainless Steel	630	32D	St. Steel, Satin	Plated	Anodized

Other finishes consult factory.

Push Bar Trim Options:

PU - "PUSH" – Embossed

BR - "CAUTION STAIRWELL" – Braille, embossed

EM - "EMERGENCY EXIT ONLY – PUSH TO OPEN AND SOUND ALARM" – Red silk screen lettered

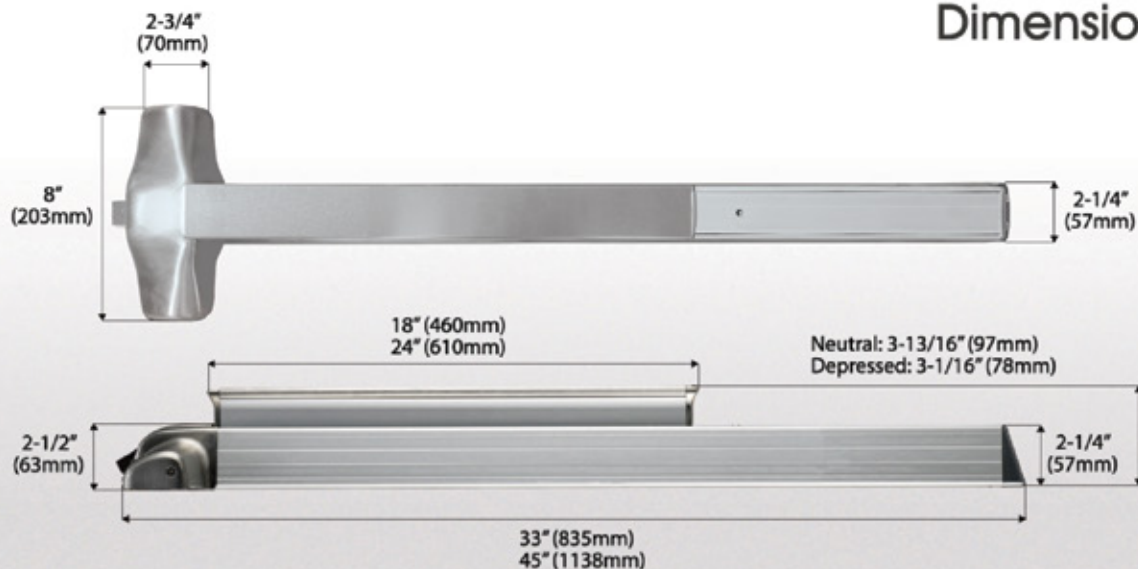
Functions

ANSI/ BHMA No.	Operations	Trim Options		Cylinder Application	
		Q200 Series Thumbpiece	Q300 Series Escutcheons	Rim Cyl.	Mortise Cyl.
01	Exit Only	Q201	N	N	N
02	Dummy/Rigid Lever	Q202	Q302	N	N
03	Night Latch, Key Retracts Latch Bolt	Q203R/Q203M	N	Y	Y
05	Key Locks or Unlocks Latch Bolt	Q205R/Q205M	N	Y	Y
07	Inside/Outside Key Locks or Unlocks Latch Bolt (Double Cylinder)	Q205M	N	N	Y
08	Key Locks or Unlocks Latch Bolt	N	Q308R/Q308M	N	Y
09	Night Latch Key Retracts Latch Bolt	N	Q309R/Q309M	Y	Y
10	Inside/Outside Key Locks or Unlocks Latch Bolt (Double Cylinder)	N	Q308R/Q308M	Y	Y
14	Lever/Knob Operable, No Cylinder	N	Q314R/Q314M	N	N
15	Thumbpiece Operable, No Cylinder	Q215R/Q215M	N	N	N

Note:

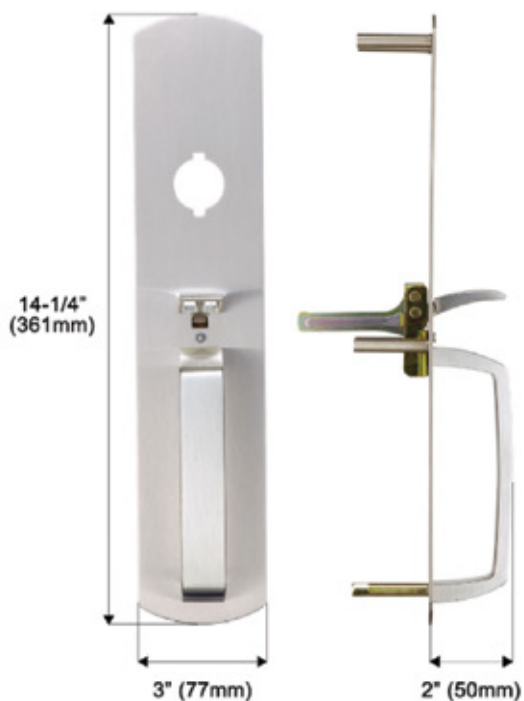
Device functions are field selectable with the removal of drive screw in back of center case and determined by the type of trim adaption.

Dimensions

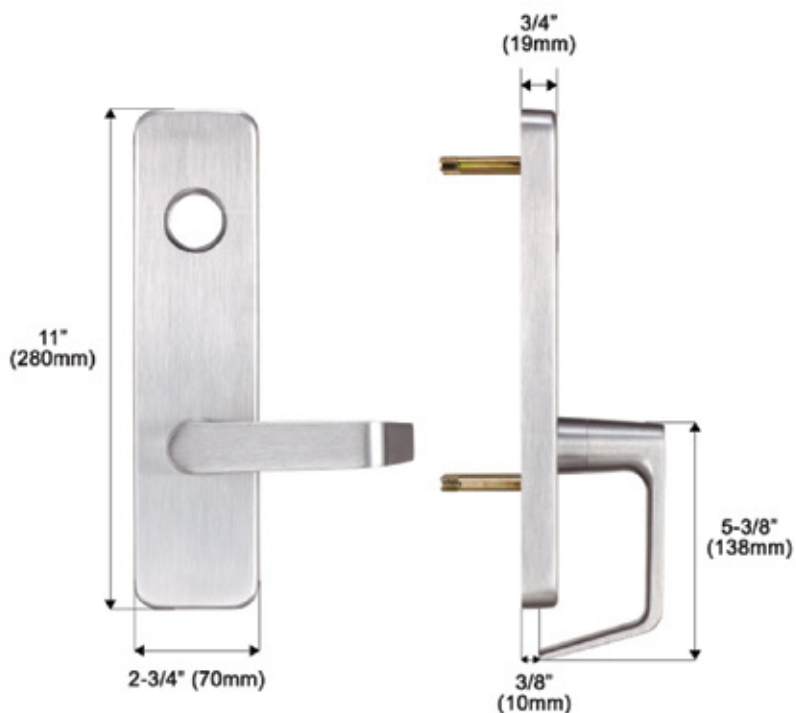


Trims

Thumbpiece



Escutcheon



Fasteners / Sex Bolts (SNB)

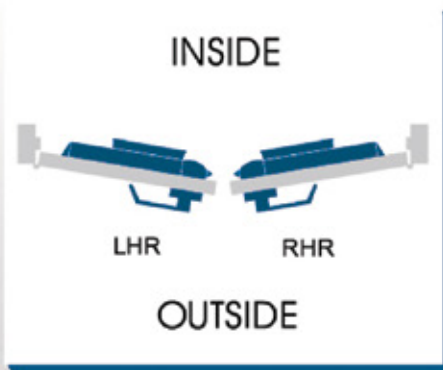
Furnished standard with machine screws. Specify sheet metal screws or wood screws when/if required. Specify Sex Bolts (SNB) where recommended or required by the door manufacturer.



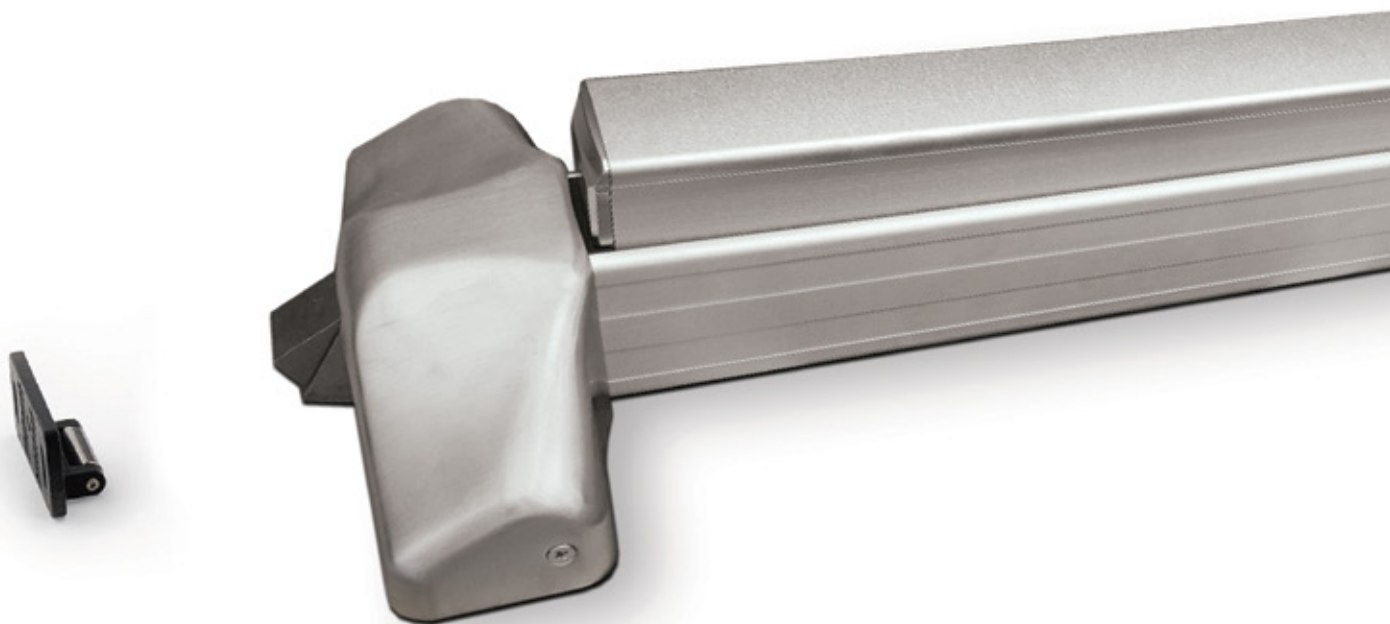
Sex Nuts and Bolts (SNB) are furnished with Q1024 SNB (No. 10-24) for Device or Q4120 SNB (No. 1/4-20) for Top Rod Latch and Bottom Rod Latch.

	Devices No.	Specification	Qty.
Without Trim	Q1100	Q1024 SNB (No. 10-24)	8
	Q1200	Q1024 SNB (No. 10-24) Q4120 SNB (No. 1/4-20)	6 4
	Q1300/Q1400	Q1024 SNB (No. 10-24)	6
	Q1500	Q1024 SNB (No. 10-24) Q4120 SNB (No. 1/4-20)	8 4
	Q1100	Q1024 SNB (No. 10-24)	2
With Trim	Q1200	Q1024 SNB (No. 10-24) Q4120 SNB (No. 1/4-20)	2 4
	Q1300/Q1400	Q1024 SNB (No. 10-24)	2
	Q1500	Q1024 SNB (No. 10-24) Q4120 SNB (No. 1/4-20)	2 4

Hand of Doors







Q1100/QF1100

Rim Exit Devices (RIM)



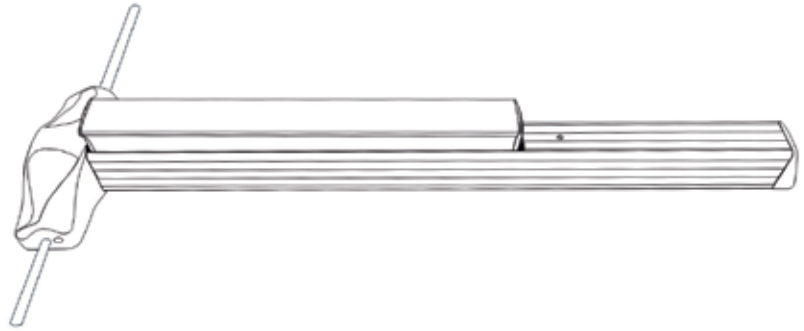
Specifications

Applications	<ul style="list-style-type: none"> • Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Doors & Preparations	<ul style="list-style-type: none"> • For all types of single and double doors with a mullion. For mullions, see page 31. • Available for 1-3/4" to 2-1/4" (45 mm – 57 mm) thick, up to 4' wide opening. For thicker doors, consult factory. • For new or retrofit installation into other manufacturers' devices. • Furnished standard for 1-3/4" thick, 3' wide opening. • For maximum door opening applications and listings for Fire Exit Devices, see page 40.
Certifications	<ul style="list-style-type: none"> • UL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards. • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.
Center Case	<ul style="list-style-type: none"> • Universal center case, heavy wrought steel and sintered metal parts. • Device functions field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim.
Strikes	<ul style="list-style-type: none"> • For strike information, see pages 25-26. • Q106 roller type furnished standard. For Fire Rated: Q108.
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR), see page 30. • Flat/Hex key dogging standard.
Fasteners	<ul style="list-style-type: none"> • Machine screws, metal screws and wood screws furnished standard.
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 8-1024 (#10-24) SNB. For device with trim, specify 2-1024 (#10-24) SNB, see page 8.
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006 mm)
Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, deadlocking, 3/4" (19 mm) throw.
Handing	<ul style="list-style-type: none"> • Device non-handing except for Double Cylinder option. For Double Cylinder, specify handing when required. • Trim field reversible.
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For Cylinder details, see page 27 or How to order pgs 44-48.
Trim	<ul style="list-style-type: none"> • The device & trim are sold separately, easy to mix and match, see pages 20-25.



Q1200/QF1200

Surface Vertical Rod
Devices (SVR)



Specifications

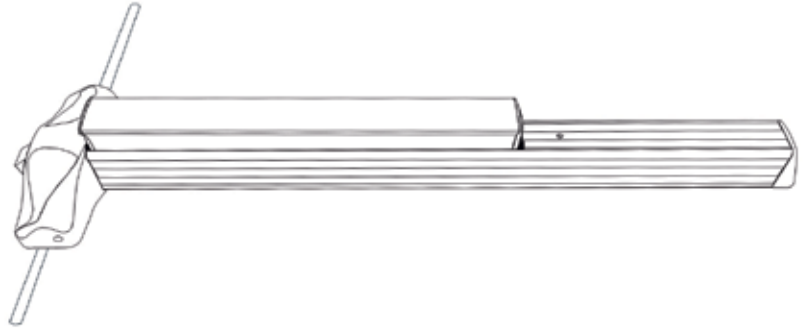
Applications	<ul style="list-style-type: none"> • Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Doors & Preparations	<ul style="list-style-type: none"> • For all types of single and double doors with/without a mullion. For mullions, see page 31. • For new or retrofit installation into other manufacturers' devices. • 1-3/4" to 2-1/4" thick, up to 4' wide opening; for thicker doors, consult factory. • Furnished standard for 1-3/4" thick, 3' wide opening. • For maximum door opening applications and listings for Fire Exit Devices, see page 40.
Certifications	<ul style="list-style-type: none"> • UL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards. • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.
Device Functions	<ul style="list-style-type: none"> • Field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim.
Center Case	<ul style="list-style-type: none"> • Heavy wrought steel assembly with top and bottom rod adjusters. • Adjustment accessible through center case after installation.
Vertical Rods	<ul style="list-style-type: none"> • 1/2" Square tubing, standard rods accommodate 7' (2134 mm) door. • Top rod length is 36-1/16" (916 mm), Bottom rod length is 31-7/8" (807 mm) standard. • Top rod length 48-1/8" (1221 mm) is available for 8' (2438 mm) door. • Extension rod available 2' (610 mm) for doors over 8'. Specify when ordering. Rod size see page 32.
Top Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, 5/8" (16 mm) throw.
Bottom Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, independent action 5/8" (16 mm) throw.
Top & Bottom Latch Case	<ul style="list-style-type: none"> • 4-1/2" x 2-1/8" x 1-1/2" (114 mm x 54 mm x 38 mm)
Door Undercut	<ul style="list-style-type: none"> • 1/4" (6 mm)
Strikes	<ul style="list-style-type: none"> • Top Q106 roller type strike standard, Bottom Q227 strike standard. For Fire Rated: Top Q108, Bottom Q227F. See pages 25-26.
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR), see page 30. • Flat/Hex key dogging standard.
Fasteners	<ul style="list-style-type: none"> • Machine screws, metal screws and wood screws furnished standard.
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 6-1024 (#10-24) SNB, 4-4120 (#1/4-20) SNB. For device with trim, specify 2-1024 (#10-24) SNB and 4-4120 (#1/4-20) SNB, see page 8.
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006 mm)
Less Bottom Rod (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR".
Handing	<ul style="list-style-type: none"> • Device non-handing, Trim field reversible.
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For cylinder details, see page 27 or How to Order pages 44-48.
Trim	<ul style="list-style-type: none"> • The device & trim are sold separately, easy to mix and match, see pages 20-25.
Fire Bolt (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR". • Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices.





Q1300/QF1300

Concealed Vertical Rod Devices (CVR)



Specifications

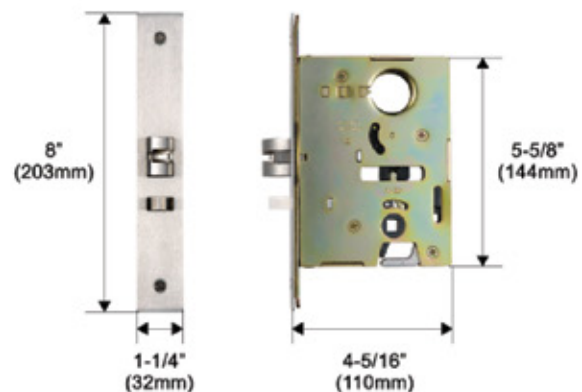
Applications	<ul style="list-style-type: none"> • Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Doors & Preparations	<ul style="list-style-type: none"> • For all types of single and double doors with/without a mullion. For mullions, see page 31. • For new or retrofit installation into other manufacturers' devices. • 1-3/4" to 2-1/4" thick, up to 4' wide opening; for thicker doors, consult factory. • Furnished standard for 1-3/4" thick, 3' wide opening. • For maximum door opening applications and listings for Fire Exit Devices, see page 40.
Certifications	<ul style="list-style-type: none"> • UL listed for UL305 and ANSI A156.3-2008 Grade 1 Panic Hardware. • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.
Device Functions	<ul style="list-style-type: none"> • Field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim.
Center Case	<ul style="list-style-type: none"> • Heavy wrought steel assembly with top and bottom rod adjusters. • Adjustment accessible through center case after installation.
Vertical Rods	<ul style="list-style-type: none"> • 1/2" Round rod, standard rods accommodate 7' (2134 mm) door. • Top rod length is 37" (940 mm), Bottom rod length is 31-3/4" (805 mm) standard. • Top rod length 49" (1245 mm) is available for 8' (2438 mm) door. • Extension rod available 2' (610 mm) for doors over 8'. Specify when ordering. Rod size, see page 32.
Top Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, 5/8" (16 mm) throw.
Bottom Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, independent action 5/8" (16 mm) throw.
Door Undercut	<ul style="list-style-type: none"> • 1/4" (6 mm)
Strikes	<ul style="list-style-type: none"> • Top Q106 roller type strike standard, Bottom Q227 strike standard. For Fire Rated: Top Q216, Bottom Q227F. See pages 25-26.
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR), see page 30. • Flat/Hex key dogging standard.
Fasteners	<ul style="list-style-type: none"> • Machine screws, metal screws and wood screws furnished standard.
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 6-1024 (#10-24) SNB. For device with trim, specify 2-4120 (#1/4-20) SNB, see page 8.
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006 mm)
Less Bottom Rod (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR".
Handing	<ul style="list-style-type: none"> • Device non-handing, Trim field reversible.
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For cylinder details, see page 27 or How to Order pages 42-46.
Trim	<ul style="list-style-type: none"> • The device & trim are sold separately, easy to mix and match, see pages 20-25.
Fire Bolt (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR". • Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices.





Mortise Case

The Q1400 model Mortise lock is equipped with a 3/4" (19mm) Anti-friction stainless steel latch bolt which is handling reversible without moving the cover from the case. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Fits door machined per [ANSI A115.1](#) (type 86) Mortise Lock preparation.



Q1400/QF1400
Mortise Lock Exit
Devices (Mortise)



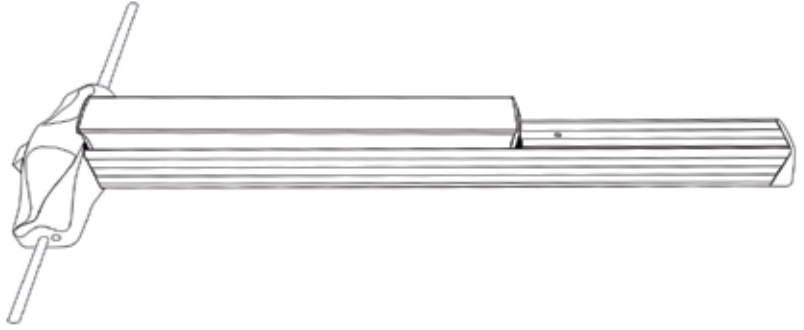
Specifications

Applications	<ul style="list-style-type: none"> • Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Doors & Preparations	<ul style="list-style-type: none"> • For all types of single and double doors. • For new or retrofit installation into other manufacturers' devices. • 1-3/4" to 2-1/4" thick, up to 4' wide opening; for thicker doors, consult factory. • Furnished standard for 1-3/4" thick, 3' wide opening. • For maximum door opening applications and listings for Fire Exit Devices, see page 40.
Certifications	<ul style="list-style-type: none"> • UL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards. • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.
Mortise Lock Functions	<ul style="list-style-type: none"> • Field selectable by reversing set screw in mortise case and determined by adaptation with type of trim.
Center Case	<ul style="list-style-type: none"> • Latch bolt of mortise case can be adjusted for full retraction by Adjustment Finger with fine tuning of adjustment screw in center case.
Strikes	<ul style="list-style-type: none"> • Q306 Strike standard and Fire Rated, non-handed, see pages 25-26.
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR), see page 30. • Flat/Hex key dogging standard.
Fasteners	<ul style="list-style-type: none"> • Machine screws, metal screws and wood screws furnished standard.
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 6-1024 (#10-24) SNB. For device with trim, specify 2-4120 (#1/4-20) SNB, see page 8.
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006 mm)
Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, deadlocking, 3/4" (19 mm) throw.
Handing	<ul style="list-style-type: none"> • Device non-handing, except for Double Cylinder option, specify handing when required. Trim field reversible.
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For cylinder details, see page 27 or How to Order pages 44-48.
Trim	<ul style="list-style-type: none"> • The device & trim are sold separately, easy to mix and match, see pages 20-25.



Q1500/QF1500

Three-Point Latching Devices (3PT)












Specifications

Applications	<ul style="list-style-type: none"> • Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Doors & Preparations	<ul style="list-style-type: none"> • For all types of single and double doors with a mullion. For mullions, see page 31. • For new or retrofit installation into other manufacturers' devices. • 1-3/4" to 2-1/4" thick, up to 4' wide opening; for thicker doors, consult factory. • Furnished standard for 1-3/4" thick, 3' wide opening. • For maximum door opening applications and listings for Fire Exit Devices, see page 40.
Certifications	<ul style="list-style-type: none"> • UL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards. • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.
Device Functions	<ul style="list-style-type: none"> • Field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim.
Center Case	<ul style="list-style-type: none"> • Heavy wrought steel assembly with top and bottom rod adjusters. • Adjustment accessible through center case after installation.
Vertical Rods	<ul style="list-style-type: none"> • 1/2" Square tubing, standard rods accommodate 7' (2134 mm) door. • Top rod length is 36-1/16" (916 mm), Bottom rod length is 31-7/8" (807 mm) standard. • Top rod length 48-1/8" (1221 mm) is available for 8' (2438 mm) door. • Extension rod available 2' (610mm) for doors over 8'. Specify when ordering. Rod size, see page 32.
Top Latch Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, 5/8" (16 mm) throw.
Bottom Bolt	<ul style="list-style-type: none"> • Stainless Steel, Pullman type deadlocking, independent action 5/8" (16 mm) throw.
Top & Bottom Latch Case	<ul style="list-style-type: none"> • 4-1/2" x 2-1/8" x 1-1/2" (114 mm x 54 mm x 38 mm)
Door Undercut	<ul style="list-style-type: none"> • 1/4" (6mm)
Strikes	<ul style="list-style-type: none"> • Top and middle Q106 roller type strike standard, bottom Q227 strike standard. For Fire Rated: Top and middle Q108, Bottom Q227F. See pages 25-26.
Dogging	<ul style="list-style-type: none"> • NOT available on Fire Exit Hardware. • Dogging options available for LD, CD, ED (ELR), see page 30. • Flat/Hex key dogging standard.
Fasteners	<ul style="list-style-type: none"> • Machine screws, metal screws and wood screws furnished standard.
Sex Bolts (SNB)	<ul style="list-style-type: none"> • Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 6-1024 (#10-24) SNB, 4-4120 (#1/4-20) SNB. For device with trim, specify 2-1024 (#10-24) SNB and 4-4120 (#1/4-20) SNB, see page 8.
Device Centerline from Finished Floor	<ul style="list-style-type: none"> • 39-5/8" (1006 mm)
Less Bottom Rod (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR".
Handing	<ul style="list-style-type: none"> • Device non-handing, Trim field reversible.
Cylinders	<ul style="list-style-type: none"> • NOT furnished standard, specify when required. For cylinder details, see page 27 or How to Order pages 44-48.
Trim	<ul style="list-style-type: none"> • The device & trim are sold separately, easy to mix and match, see pages 20-25.
Fire Bolt (LBR)	<ul style="list-style-type: none"> • Available for door openings up to 8' wide x 10' high. Specify suffix "LBR". • Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices.



Q200 Series Thumbpiece

*Classroom Double Cylinder with Indicator

ANSI No.	01	02	03		05	05/07*	15			
Operation	Exit Only	Dummy Pull Only	Night Latch Key Retracts Latch Bolt		Key Locks or Unlocks Latch Bolt		Thumbpiece Always Active			
Illustration										
Trim No.	Q 201	Q 202	Rim Cylinder Mount	Q 203R	Q 203M	Q 205R	Q 205M	Q 215R	Q 215M	
Device No.	Q 1100 Q 1200 Q 1300 Q 1400 Q 1500	Q 1100 Q 1200 Q 1300 Q 1400 Q 1500	Q 1100 Q 1200 Q 1300 Q 1400 Q 1500	Q 1100 Q 1200 Q 1300 Q 1500	Q 1400	Q 1100 Q 1200 Q 1300 Q 1500	Q 1400	Q 1100 Q 1200 Q 1300 Q 1500	Q 1400	
Cylinder Type			Rim/Mortise	Rim	Mortise	Rim	Mortise			

Plate

Pull Only

With Thumbpiece



Features

1. Trims are furnished with wrought plate and extruded or cast solid grips.
2. 626 is furnished for 630 device.
3. Trim is designed to retrofit into other manufacturers' Trim installation.
4. Trims are UL certified for ANSI A156.3, Grade 1 and 3-Hour Fire Rated.
5. Trims are through bolted and covering 161 and 86 cutouts. ("GD" Grip furnished standard, unless specified) For Trim dimensions see page 8.

Trim
Options

Q300 Series Escutcheon

*Classroom Double Cylinder with Indicator

ANSI No.	01	02	08/10*		09		14		
Operation	Exit Only	Dummy Pull Only	Key Locks or Unlocks Latch Bolt		Night Latch Key Retracts Latch Bolt		Lever/Knob Always Operable		Pull latch
Illustration									
Trim No.		Q 302	Q308R	Q308M	Q309R	Q309M	Q314R	Q314M	HL 400
Device No.	Q1100 Q1200 Q1300 Q1400 Q1500	Q1100 Q1200 Q1300 Q1400 Q1500	Q1100 Q1200 Q1300 Q1500	Q 1400	Q1100 Q1200 Q1300 Q1500	Q 1400	Q1100 Q1200 Q1300 Q1500	Q 1400	Q 1400
Cylinder Type			Mortise	Mortise	Rim	Mortise			Mortise

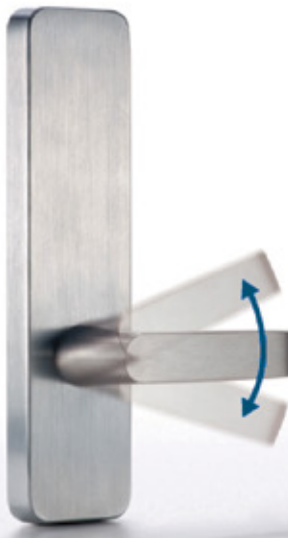
Dummy Trim

Lever or Knob rigid
For pull operation
(For 02 Function)



Blank Escutcheon

Lever or Knob always active
(For 14 Function)



Night Latch

Key retracts latch bolt.
Lever or Knob is rigid
(For 09 Function)



Features

1. Escutcheon and lever with sleek and seamless design produced by casting or forging.
2. 626 is furnished for 630 device.
3. Trim is designed to retrofit into other manufacturers' Trim installation.
4. Trims are through bolted and covering 161 and 86 cutouts.
5. Handing field reversible.
6. Trims are UL certified for ANSI A156.3, Grade 1 and 3-Hour Fire Rated. Specify lever or knob design. ("D" Lever furnished standard, unless specified) For Trim dimensions see page

Pull Design Brings a New Style of Door Opening Experience

- Get a more comfortable grip with its curved design and touch.
- The slanted cylinder design allows face to face sight with the user.
- An ergonomic grip handle that brings balance between functionality and aesthetics.





Pull Only

With Cylinder



ANSI/BHMA

02

08

09

14

							
Operation	Dummy Pull Only	Key Locks or Unlocks Latchbolt		Night Latch, Key Retracts Latchbolt		Pull Handle Always Active, No Cylinder	
Trim No.	Q602	Q608R	Q608M	Q609R	Q609M	Q614R	Q614M
Device No.	Q1100	Q1100		Q1100		Q1100	
	Q1200	Q1200		Q1200		Q1200	
	Q1300	Q1300		Q1300		Q1300	
	Q1400		Q1400		Q1400		Q1400
	Q1500	Q1500		Q1500		Q1500	
Cylinder Type		Mortise		Mortise			

Features

- For application with existing MBS 1000 Series Exit Devices.
- Ease of installation. Same mounting screw hole positions designed to fit MBS 1000 Series Exit Devices.
- Non-handed.

Q6000 Series
Pull Handle

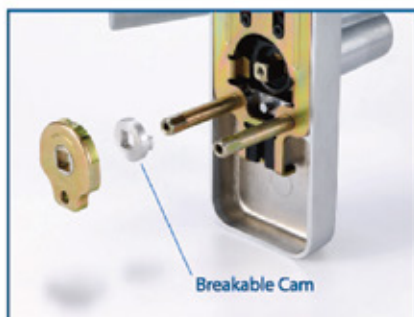
Trim Operation Options

Standard Operation

Model Q308

Key Locks or Unlocks
Lever or Knob
(For 08/10 Functions)

Q308 Trim is composed of heavy duty investment cast steel, an internal breakable cam to break away at predetermined load applied to outside lever handle in locked mode without damaging or violating security. The cam is easily replaceable with minimum efforts.

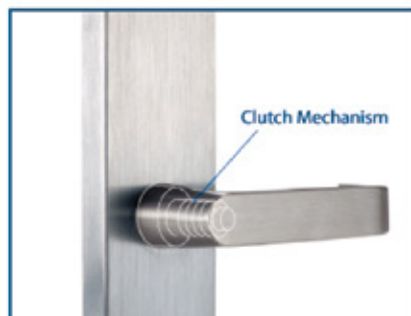


Clutch Operation

Model QC308

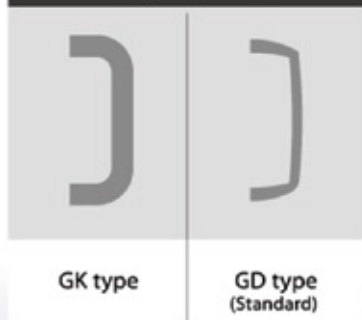
Key Locks or Unlocks
Lever or Knob
(For 08/10 Functions)

QC308 Trim is designed to withstand abusive conditions, working parts are made of heavy duty investment cast steel. An internal slip clutch mechanism is built inside lever shank allowing the lever handle to break away without damaging or violating security when excessive force is applied. The lever can be easily lifted back to home position without using tools, replacement parts, or removing it from the door.



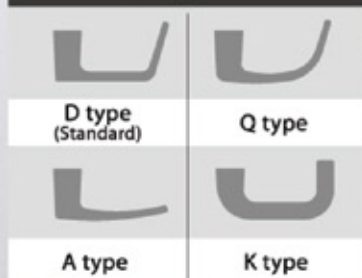
Thumbpiece

Grip Options

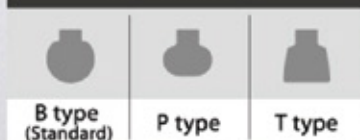


Lever/Knob

Lever Options



Knob Options



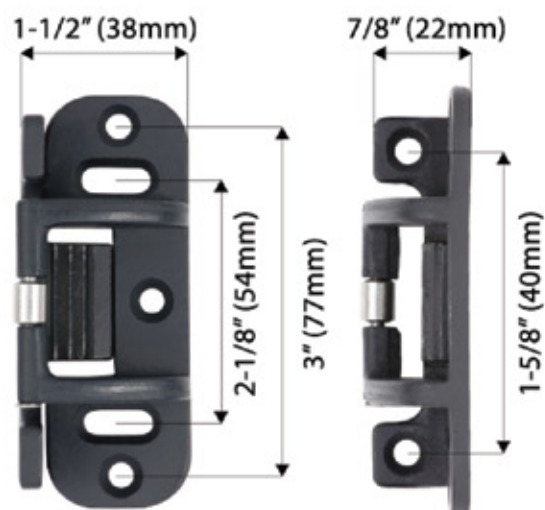
P Panic Application

F Fire Application

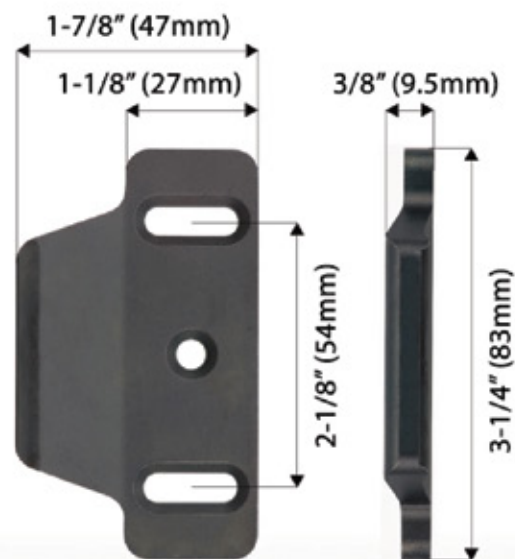
Rim Device



Q106 Rim Strike
for Rim / SVR / 3PT top strike
P



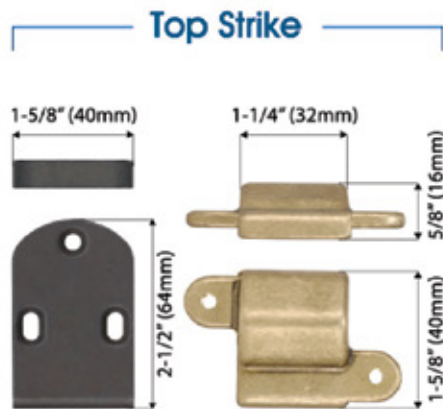
Q108 Rim Strike
for double door Rim / SVR / 3PT
use with 170/270 mullion
P F



Q136 Rim Strike
for double door Rim/SVR/CVR
combination with coordinator
P F

Strikes

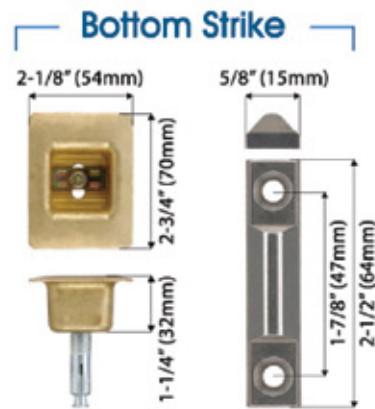
Vertical Rod Device



Q215 Top Strike

215 Top Strike
for flush transom
SVR/3PT
P A

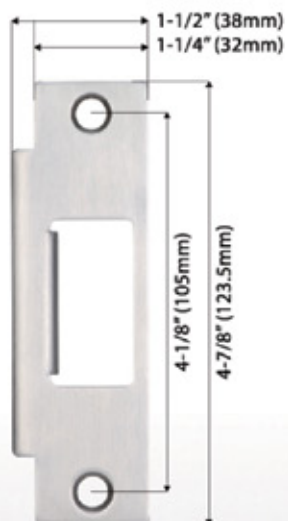
Q216 Top Strike
for CVR
P A



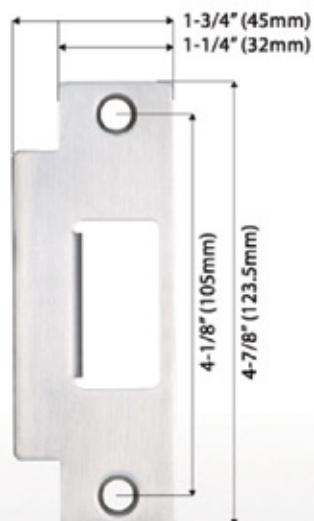
Q227/Q227F
Bottom Strike
standard furnished
for SVR/CVR/3PT
P A

Q224 Bottom Strike
optional for SVR/3PT
P A

Mortise Device



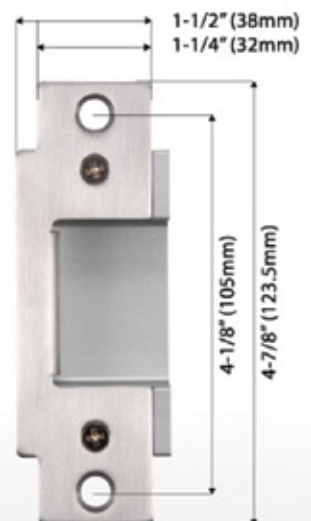
Q336 Strike
for use on 1-3/4" (45mm)
thick double door with
coordinator and astragal
P A



Q306 Strike
standard furnished for use on
1-3/4" (45mm) or 2-1/4" (57mm)
single door and 2-1/4" (57mm)
double door with coordinator
P A







Q337 Open Back Strike
standard furnished for
1-3/4" (45mm) thick
double doors without
coordinator
P



Q338 Open Back Strike
for 2-1/4" (57mm) thick double
doors without coordinator
P

*SFIC cylinder must use Cylinder Guard (Part No. 4240-0202-finish)





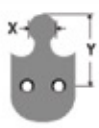



*Standard Cylinder must use Cylinder Guard (Part No. 611902-032-finish)

Cylinder Type	Applications	Trim	Cylinder	Cyl. Length(Part/No.)	Cylinder Cam
MORTISE CYLINDER   SFIC Standard	03* / 05* / 07* for Mortise Device	200	Standard	1-3/8" (441-104)	440-0702
			SFIC	1-3/8" (442-701)	440-0706
	08 for RIM/SVR/CVR*/3PT	300	Standard	1-1/8" (441-102)	440-0704
			SFIC	1-3/8" (442-701)	440-0708
	08 / 09 for Mortise Device		Standard	1-5/8" (441-106)	440-0702
			SFIC	See note 1	440-0718
	08 for All Devices	600**	Standard	1-1/8" (441-102)	440-0714
			SFIC	1-3/8" (442-701)	440-0715
	09 for All Devices		Standard	1-1/8" (441-102)	440-0712
RIM CYLINDER   SFIC Standard			SFIC	1-3/8" (442-701)	440-0713
	Cylinder Dogging	All Devices	Standard	1-1/4" (441-103)	440-0702
			SFIC	1-3/8" (442-701)	440-0706
			Standard/ SFIC	40500 – SFIC Rim Cylinder 40501 – Schlage® C Plug Rim Cylinder Tailpiece Length 3-1/8" (79.6mm)	

Note 1: Use 1-1/2" (442-702) for DT 1-3/4"–1-7/8"(45-48mm),
or 1-3/4"(442-704) for DT 1-7/8"–2-1/4"(48-57mm).

**The 600 Series must use the specified cylinder and cam.



Cylinder Cam				
Illustration				
Dimension	X=1/4" (6mm) Y=5/8" (15mm)	X=3/8" (9.5mm) Y=3/4" (19mm)	X=5/8" (16.4mm) Y=9/16" (13.6mm)	X=3/16" (4.4mm) Y=7/16" (11.9mm)
Cam No.	440-0702	440-0704	440-0712	440-0714
Illustration				
Dimension	X=1/4" (6mm) Y=5/8" (15mm)	X=3/8" (9.5mm) Y=3/4" (19mm)	X=5/8" (16.4mm) Y=9/16" (13.6mm)	X=3/16" (4.4mm) Y=7/16" (11.9mm)
Cam No.	440-0706	440-0708	440-0713	440-0715

Cylinder Guard

Part/No. 4240-0202-finish

For use on CVR Q308R,
CVR QC308R
Escutcheon Trim



Part/No. 611902-032-finish

For use on Q203R, Q203M, Q205R,
Q205M, Q207R, Q207M Thumbpiece Trim or
special door thickness applications.
For specification details please contact MBS.

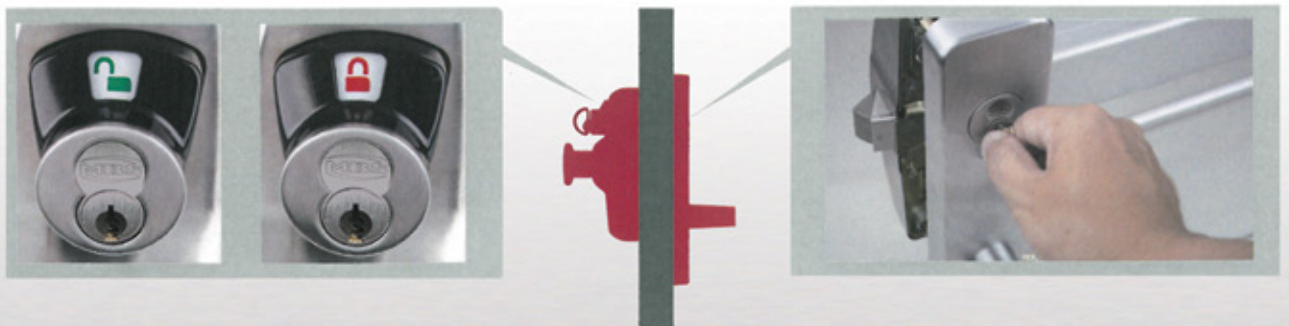
Cylinder
options

Classroom Security Solutions



Marshall Best Security is proud to present you with our Classroom Security Solutions which aids school facilities to provide a safe and secure environment. With this convenient visual aid, staff can immediately be notified whether the door is in a locked state or not, denying entry to unauthorized individuals. In case of an emergency, staff and students are always free to exit.

Marshall Best Security makes sure to provide a safe and secure learning environment for its customers.

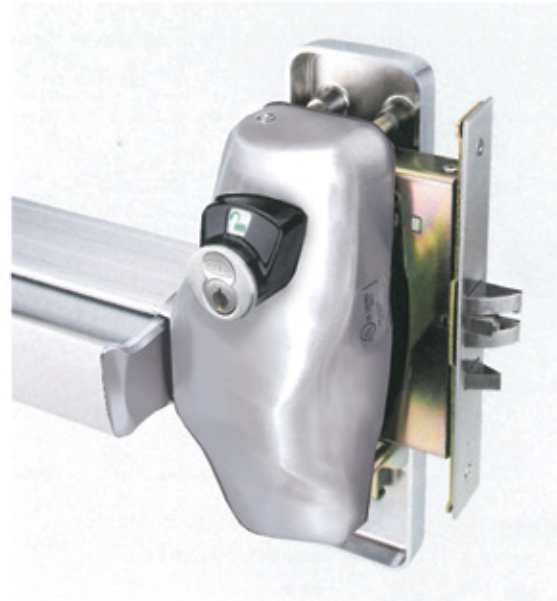


Double Cylinder with Indicator - Handed

Q1100 Rim Device - Handed



Q1400 Mortise Device - Handed



The Double Cylinder option is available on the Rim and Mortise Exit Devices. An indicator device installed on the inner side of door informs whether the outside trim is in a locked or unlocked state.

The outside key cylinder locks or unlocks the outside Trim. Specify Outside Trim with "07" or "10" function depending on trim options. When only the inside key cylinder is required to lock or unlock the outside trim and no outside cylinder operation is necessary for Rim Exit Device specify "08" (outside trim will be with blank mortise cylinder). For Mortise Exit Device specify "14" or "15" function depending on trim options.

Applications

Device		Rim 1100	Mortise 1400
Cylinder	Outside Cylinder	Mortise type Cylinder I/C 1-3/8" STD 1-1/8"	Mortise type Cylinder I/C 1-1/2" STD 1-1/2"
	Inside Cylinder	Rim Cylinder (I/C / STD)	
	Inside Thumbturn	OK	
Trim	Escutcheon	Q308R / QC308R	Q308M
	Thumbpiece	N/A	Q215M / Q214M

Note: Cylinder not furnished standard. Specify when required.



Cylinder

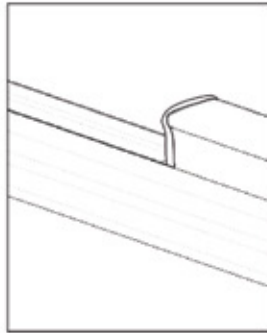


Thumbturn

Dogging Options

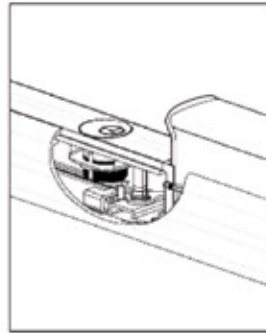
LD-Less Dogging

Less Dogging is available in all Q1000 Series fire exit devices.

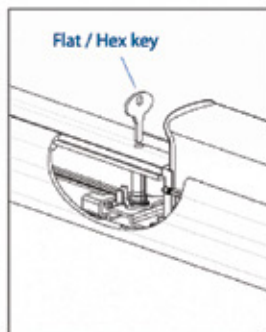


CD-Cylinder Dogging

Available for all models except Fire Exit Hardware. Cylinder Dogging provides the ability to lock down the push bar with a key cylinder; allowing the door can be used in the Push/Pull mode. To order, "CD", requires the use of a 1-1/4" mortise cylinder (not furnished standard).

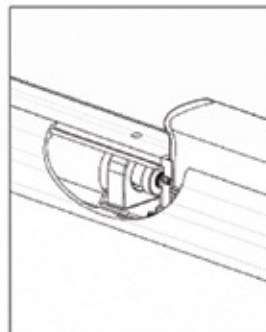


HKD-Flat / Hex Key Dogging



ED-Electric Dogging

Details, see page 34.



Q170 Keyed Removable Mullion

The head design of Q170/QF170: Provides a secure, quick & easy means of removal. The Mullion can be installed and locked without using key.

Top and Bottom Fittings : Investment cast steel, furnished with steel anchors for floors.

Mullion : 2" x 3" Steel.

Stock Size : 8' length standard, can be cut for opening less than 8'.
10' length available upon request.

Finishes : 600, 689, 695

UL Listed : Listed for 3-Hour Fire Rated Exit Hardware.

Cylinder : Not furnished standard, keying is standard 1-1/8" mortise cylinder with cam.

Q270 Non-Keyed Removable Mullion

Top and Bottom Fittings : Investment cast steel, furnished with steel anchors for concrete floors.

Mullion : 2" x 3" Steel

Stock Size : 8' length standard, can be cut for openings less than 8'.
10' length available upon request.

Finishes : 600, 689, 695

UL Listed : Listed for 3-Hour Fire Rated Exit Hardware.

How to order:

	Model	Height	Finish
	Q170	7	600
Q170	Keyed	7', 8', 10'	600, 689, 695
QF170	Keyed, Fire Rated		
Q270	Non-Keyed		
QF270	Non-Keyed, Fire Rated		

Note: Q108 Rim Strike sold separately.
TR200A Ring Package required for Keyed Mullions.

Keyed
Removable Mullion



Non-Keyed
Removable Mullion



Removable mullions are used with paired doors where a full width opening is only occasionally required. Doors are fitted with Rim Exit Devices and normally function as single doors. Available in 7', 8' or 10' lengths.

Shims

For Q106 Rim Strike

P/N. 616819-010

Two (2) pieces furnished standard.



For CVR top & bottom latches

P/N. 616819-050

Sixteen (16) pieces furnished standard for Top and Bottom latches. Eight (8) pieces furnished standard for LBR.



Top Rod

* Extension Rod

Illustration	Device No.	Part No.	Rod Length	Door Height
	Q1200 Q1500 (SVR/3PT)	616823-020	36-1/8" (916mm)	7'
		616823-030	48-1/8" (1221mm)	8'
		616823-030	48-1/8" (1221mm)	10'
		Add	Add	
	Q1300 (CVR)	616823-040*	24" (609mm)	7'
		616823-070	36" (940mm)	
		616823-080	49" (1245mm)	8'
		616823-080	49" (1245mm)	10'
		Add	Add	
		616823-050*	23-7/8" (605mm)	

Bottom Rod

For push bar location at 39-5/8" (1006 mm) from finished floor

Illustration	Device No.	Part No.	Rod Length
	Q1200 Q1500 (SVR/3PT)	616823-010	31-7/8" (807mm)
	Q1300 (CVR)	616823-060	31-3/4" (805mm)

Miscellaneous

Coordinator

COR7 / COR9

Prevents active door from closing before inactive door. 7" length (177.8mm) for pairs of doors equipped with outside astragal. 9" length (228.6mm) for pairs of doors equipped with inside and outside astragals. Both include bracket and wear plate. Packed with wood and machine screws.

Finishes : 612, 626



Carry Open Bar

COB-1

For use with door coordinator. Aids in opening active door when inactive door is opened, and protects astragal and overlapping strike. Cast bronze. Packed with wear plate, wood and machine screws.

Finishes : 612, 626

Dummy Push Bar

DP3 Active / DP4 Inactive

The push pad is active or inactive. A push/pull operation can be accomplished by using an outside dummy trim.

Size 3' or 4' (914mm or 1219mm)



Electric Latch Retraction – ELR (ED)



Latch Retraction for the Exit Device can be remoted for ELR option. Continuous duty solenoid can retract Latchbolts under condition of unlatching or continually dogging. The ELR option can be applied with card readers, toggles or key switches, push buttons and fire alarm systems. PS100 power supply is required for the use of ELR option.

- UL Listed for Panic and Fire for Class II Circuitry.
- ELR is available with manual Flat/Hex Key for Panic Exit Devices.

Solenoid Specifications :

- Current Pulse (0.3 seconds) : 24 VDC, 16 Amp.
- Continuous : 24 VDC, 0.3 Amp.

Signal Switch – SS



Micro-switch Detecting Pushbar and Latch bolt

Two internal switches are mounted into the device. (One switch is designed to monitor push bar and latch bolt assembly while there is unauthorized use to the device, alarm will be sounded once the switch has been activated). The other switch is to connect with the 1 1/4" (32mm) mortise with straight cam when alarm has been triggered. A power supply must be set from the frame to the door.

Electrical Ratings :

- 24VDC, 2 Amp SPDT.
SPDT (Single Pole, Double Throw)

Electrical
options

Alarm Exit – AL

The Alarm Exit provides a simple way to audibly monitor the use of an exit device. The unit contains an alarm which is activated when the push bar is depressed. Alarm sounds at 85db. The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal. Can also be powered using the PS-100 Power Supply.

The AL requires a standard 1-1/4" Mortise Cylinder which is used as a key switch to perform the following functions:

- Silence the alarm after activation.
- Deactivate the alarm for continuous unmonitored egress.
- Activate mechanical dogging for Non-Fire Rated Devices.



Available for all Q1000 Series Devices from 3'0" to 4'0" wide doors, decal for application on door:

EMERGENCY EXIT ONLY
PUSH TO OPEN ALARM WILL SOUND

The AL is available with 2 optional circuit boards. External Inhibit (EI) allows for the use of external switch to be used to arm, disarm and reset the alarm. Auto Reset (AR) rearms the alarm after a preset time. AR is available in three factory set times – 1-1/2, 3 or 5 minutes.

The Alarm Exit is available in kits for retrofit on existing Q1000 Series Devices. Specify finish when ordering.

Alarm kits are available with a choice of two switch kits, RX or LM. RX monitors the push pad and is furnished standard.

To order:
Example ALK Kit-36-630

Request to Exit – RX

Micro-switch Detecting Pushbar

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the pushpad. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Electrical Ratings :

- Switch rated : 24VDC, 0.5Amp SPDT.
SPDT (Single Pole, Double Throw)

Latch Bolt Monitoring – LM

Micro-switch Detecting Latch Bolt

The LM feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Electrical Ratings :

- Switch rated : 24VDC, 0.5Amp SPDT.
SPDT (Single Pole, Double Throw)



Delayed Egress Device – DE



The Delayed Egress Exit Device provides a controlled egress for openings which require Panic or Fire Exit Hardware for safe egress. It is a self contained exit device, which when armed will deny exit to unauthorized personnel for 15 or 30 seconds, while simultaneously sounding a local or remote audible alarm. The Remote Monitoring feature will alert the security personnel that an attempt is being made to exit the opening. After the 15 (or 30) second delay of egress period, the device will function as a standard exit device for safe egress.

OPERATION :

The device secures the door in the locked mode with the Red LED indicating locked status. Depressing the Push bar by accident or for less than the Nuisance Delay Time will sound the alarm without initiating the alarm sequence. Depressing the Push bar with less than 15 pounds pressure, for longer than the Nuisance Delay Time will initiate an irreversible local audible beeping tone and a visual Red indicator until the device releases. After the delay egress time, the lock releases and the alarm changes to a steady tone which continues to alarm until Reset. The remote monitoring contact output can be used to alert security personnel.

The Delayed Egress device includes decal for application on door :

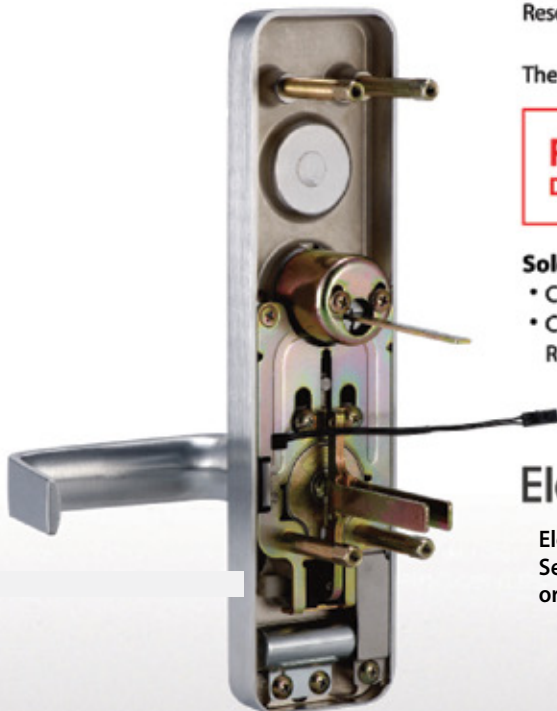
**PUSH UNTIL ALARM SOUNDS
DOOR CAN BE OPENED IN 15 SECONDS**

Note :

A "30 Second" decal is provided when the 30 Second Delay option is specified.

Solenoid Specifications :

- Current Pulse (0.3 seconds) : 24 VDC, 16 Amp.
 - Continuous : 24 VDC, 0.3 Amp
- Requires PS100 Power Supply.



Electric Trim – EQ300 Series

Electrified trim with integral lock/unlock option. Trim can be used for all Q1000 Series models. Available as fail-secure or fail-safe. Specify suffix FSE (Fail-Secure) or FS (Fail-Safe) following trim designation. Available for the 09 function only.

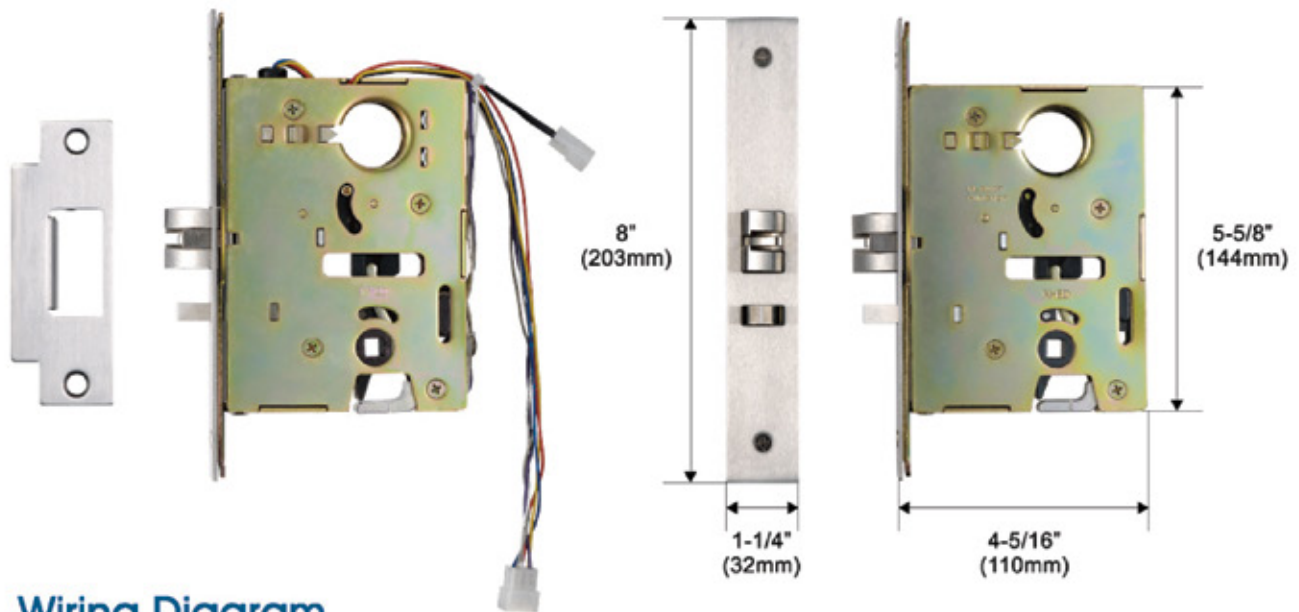
Electrical Ratings :

Solenoid current : 24VDC, 0.25 Amp.
12VDC, 0.5 Amp.

EQ309R-FSE / FS for RIM, SVR, CVR, 3PT Devices

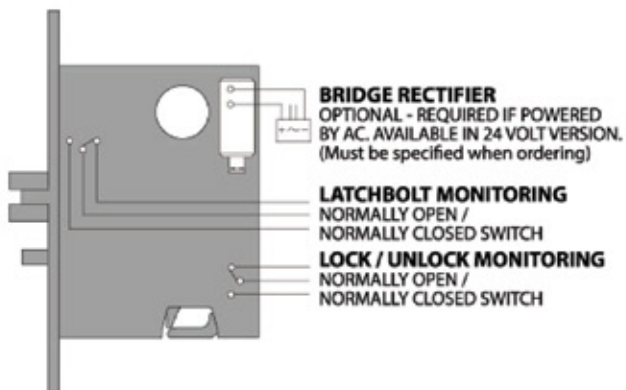
EQ309M-FSE / FS for Mortise Device

Electric Mortise Lock

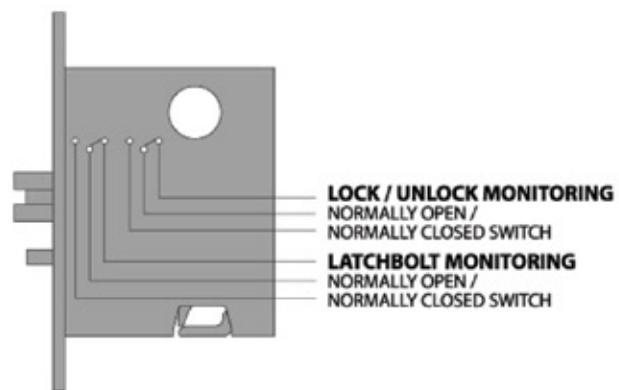


Wiring Diagram

E Mortise Function



SS Mortise Function



The Electric Mortise Exit Devices (EQ1400) can control entry to remote locking and unlocking the outside trim or an automatic fire alarm system.

The remote has two main functions :

- (1) To monitor the lock or unlock status through SPDT signal.
- (2) To monitor the latch bolt status through SPDT signal.

The outside trim cylinder can retract the latch bolt as a night latch function.

The mortise lock is available with the following electrical options :

- EQ1400 - Electric lock/unlock with switches to monitor the outside trim (locked or unlocked) and to monitor the latchbolt.
- SSQ1400 - Latchbolt and trim locked or unlocked monitoring.

Electrical Ratings :

- Solenoid current : 24VDC, 0.25 Amp.
12VDC, 0.5 Amp.
- Switch rated : 24VDC, 2 Amp SPDT.
SPDT (Single Pole, Double Throw)

Mortise Lock is furnished standard as Fail Secure (FSE). When power is off the trim is locked. Power is applied to unlock the trim. May be field converted to a Fail Safe (FS) mode. (FS) - power is applied to lock the trim.

QPS100 Power Supply



The QPS100 Power Supply is applicable for extensive range of electrical products. Q100-2 PCB is REQUIRED for use of ELR devices. The series Q100 has an option to provide key to lock the enclosure. Battery backup has two hours backup power at full load during an A.C. power failure. "Batteries will automatically recharge when failed power is restored. Fire Alarm provides input for a normally closed fire alarm contact. When the fire alarm contact is "open", power to locks or other component is removed. Restoring power is field selectable for automatic or manual."

Specifications :

- UL listed for Class II output
- LED indicators for AC input, DC output and battery backup status.
- The power supply can control up to (4) Delayed Egress Exit Devices.
- Circuit breakers provide protection for Motherboard.
- Standard input options: 120VAC, 1.0 Amp or 240VAC, 0.5 Amp.
- Output power: 24VDC, 2 Amp or 12VDC, 4 Amp.
- Power Supply box: 10" high x 12-1/2" wide x 5" deep (254mm x 318mm x 127mm), gray with a hinged cover and constructed of heavy 19 gauge steel.
- 3 options: (1) Key lock
(2) Fire alarm
(3) Battery backup (2hrs) while A.C. power failure

To order :

The Power Supply model is determined on the number of devices requiring electrical power:

QPS101	Voltage 120VAC
QPS102	Voltage 240VAC
QPS101K	Voltage 120VAC with Key lock
QPS102K	Voltage 240VAC with Key lock
QPS101-2	Two (2) Zone Controller Board
QPS101-4	Two (2) Zone Controller Board x 2
QPS101-FA	Fire Alarm
QPS101-BB	Battery Backup

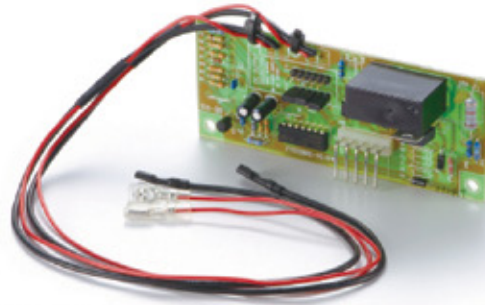
Power Supply
QPS100

Optional Circuit Cards

Q100-2 Two (2) Zone Controller Board



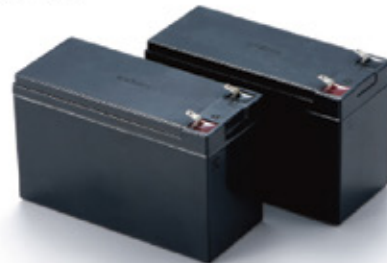
Q100-BB Battery Backup



Q100-FA Fire Alarm



Batteries



The QPS100 series is available with several optional circuit cards to provide system flexibility. The power supply will accept one or a combination of any two cards.

To order :

Q100-2	Two (2) Zone Controller Board
Q100-K	Key lock
Q100-101	120VAC Power Supply Board
Q100-102	240VAC Power Supply Board
Q100-FA	Fire Alarm
Q100-BB	Battery Backup

Maximum wire run :

- 75 ft. with 14 gauge wire and 28 gauge Power Transfer
- 100 ft. with 14 gauge wire and 24 gauge Power Transfer
- 200 ft. with 12 gauge wire and 24 gauge Power Transfer

Power Transfer – EPT

EPT-1 Power Transfer with steel housing and flexible tube. Secure and inconspicuous channel to bring power from the frame to the door. Narrow, shallow channel easily mortises into door edges. Accepts up to 5/16" diameter wire bundle. Accommodates doors that swing open 120 degrees. Unit is concealed when the door is closed. Suitable for wood, aluminum or steel door applications.

EPT-2 Armored flex conduit. Accepts up to 1/4" diameter wire bundle. Eighteen inches long.

To order :

Specify EPT-1
Specify EPT-2



QF1000 Series Fire Exit Devices

Maximum Door Opening Applications and Listings

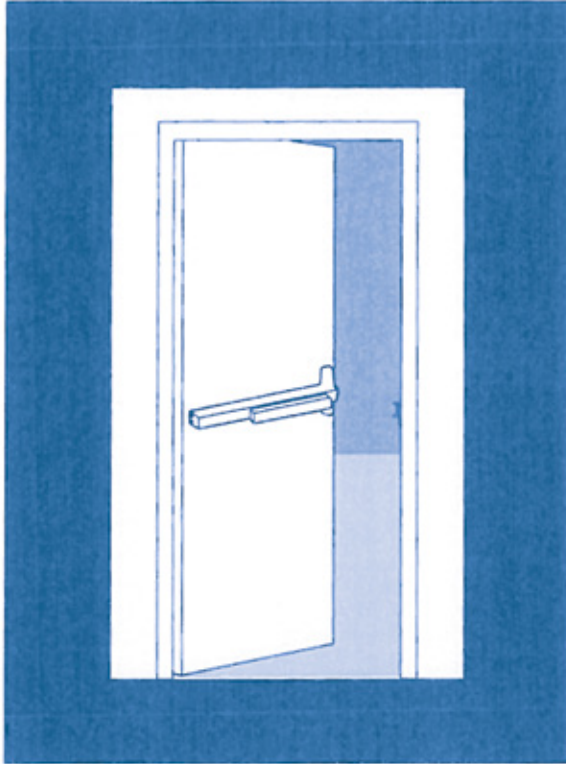
Exit Devices	Door Metal	Single Door	Double Door				
			With 170 Mullion	With 270 Mullion	VR/VR Same Direction	VR/Mortise Same Direction	VR/VR Double Egress
QF1100 RIM	Metal	3 Hour 4' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'	—	—	—
QF1200 SVR	Metal	3 Hour 4' x 10'	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
QF1200 LBR	Metal	3 Hour 4' x 10'	—	—	3 Hour 8' x 10'	—	3 Hour 8' x 10'
QF1300 CVR	Metal	3 Hour 4' x 10'	—	—	3 Hour 8' x 10'	3 Hour 8' x 10'	3 Hour 8' x 10'
QF1300 LBR	Metal	3 Hour 4' x 10'	—	—	3 Hour 8' x 10'	—	3 Hour 8' x 10'
QF1400 MORTISE	Metal	3 Hour 4' x 10'	—	—	—	3 Hour 8' x 10'	—
QF1500 3PT	Metal	3 Hour 4' x 8'	3 Hour 8' x 8'	3 Hour 8' x 8'	—	—	—

Notes :

1. Fire Exit Device Conforms to UL10C and UBC7-2.
2. Fire Exit Device is applicable for wood door with 1-1/2 Hour or 1/3 Hour rating.
3. Consult with Door Manufacturer for specific limitations on Fire Door Assemblies.

Fire Door
Applications and Listings

Typical Installation



Single Door

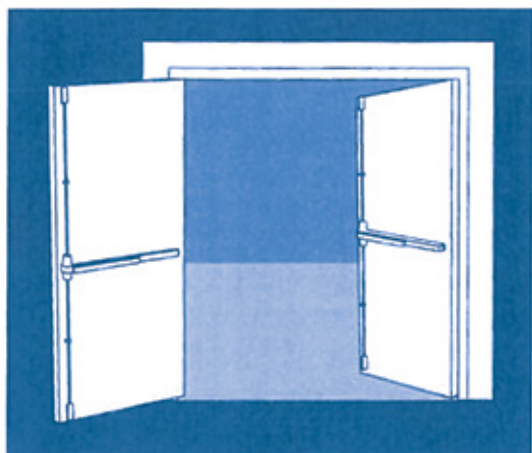
Rim Exit Device / Vertical Rod Exit Devices

Panic	RIM	Q1100	Up to 4' x 10' Door Size
	SVR	Q1200	
	CVR	Q1300	
	3PT	Q1500	
Fire (3 Hours)	RIM	QF1100	Up to 4' x 8' Door Size
	SVR	QF1200	Up to 4' x 10'
	CVR	QF1300	Door Size
	3PT	QF1500	Up to 4' x 8' Door Size

Mortise Lock Exit Devices

Panic	Mortise	Q1400	Up to 4' x 10'
Fire (3 Hours)	Mortise	QF1400	Door Size

Typical Installation



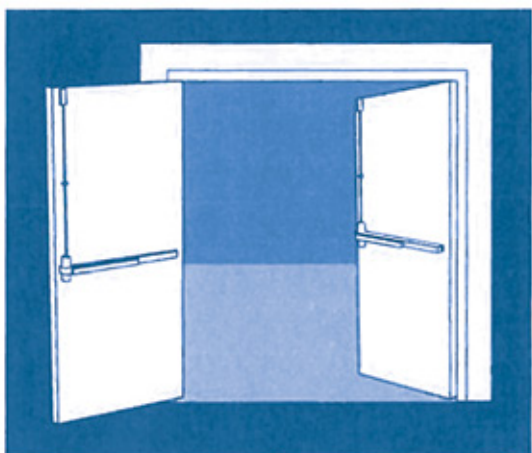
Double Egress Opening

Two Surface Vertical Rod Devices

Panic	SVR x SVR	Q1200 x Q1200	Up to 8' x 10'
Fire (3 Hours)	SVR x SVR	QF1200 x QF1200	Door Size

Two Concealed Vertical Rod Devices

Panic	CVR x CVR	Q1300 x Q1300	Up to 8' x 10'
Fire (3 Hours)	CVR x CVR	QF1300 x QF1300	Door Size



Double Egress Opening Less Bottom Rod

Two Surface Vertical Rod Devices Less Bottom Rod

Panic	SVR x SVR	Q1200LBR x Q1200LBR	Up to 8' x 10'
Fire (3 Hours)	SVR x SVR	QF1200LBR x QF1200LBR	Door Size

Two Concealed Vertical Rod Devices

Panic	CVR x CVR	Q1300LBR x Q1300LBR	Up to 8' x 10'
Fire (3 Hours)	CVR x CVR	QF1300LBR x QF1300LBR	Door Size

Note: Fire Rated Door with Auxiliary Fire Bolt.



Two Rim Exit Devices with Removable Mullion, Same Direction

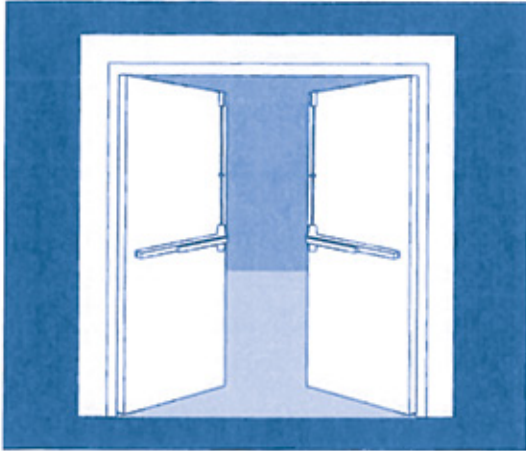
Two Rim Exit Devices with Removable Mullion

Panic	RIM x RIM	Q1100 x Q1100	Up to 8' x 10' Door Size
Fire (3 Hours)	RIM x RIM	QF1100 x QF1100	Up to 8' x 10' Door Size

Two Three-Point Latching Devices with Removable Mullion

Panic	3PT x 3PT	Q1500 x Q1500	
Fire (3 Hours)	3PT x 3PT	QF1500 x QF1500	

Note: With 170 Keyed / 270 Non-Keyed Removable Mullion.



Two Vertical Rod Devices, Same Direction Less Bottom Rod (Do not use overlapping astragal)

Surface Vertical Rod Devices Less Bottom Rod

Panic	SVR x SVR	Q1200LBR x Q1200LBR	Up to 8' x 10'
Fire (3 Hours)	SVR x SVR	QF1200LBR x QF1200LBR	Door Size

Concealed Vertical Rod Devices Less Bottom Rod

Panic	CVR x CVR	Q1300LBR x Q1300LBR	Up to 8' x 10'
Fire (3 Hours)	CVR x CVR	QF1300LBR x QF1300LBR	Door Size

Note: Fire Rated Door with Auxiliary Fire Bolt.



Two Vertical Rod Devices, Same Direction (Do not use overlapping astragal)

Two Surface Vertical Rod Devices

Panic	SVR x SVR	Q1200 x Q1200	Up to 8' x 10'
Fire (3 Hours)	SVR x SVR	QF1200 x QF1200	Door Size

Two Concealed Vertical Rod Devices

Panic	CVR x CVR	Q1300 x Q1300	Up to 8' x 10'
Fire (3 Hours)	CVR x CVR	QF1300 x QF1300	Door Size



Vertical Rod Devices / RIM Exit Devices, Same Direction

One Rim Exit Device x One Vertical Rod Device

Panic	RIM x SVR	Q1100 x Q1200	Up to 8' x 10' Door Size
	RIM x CVR	Q1100 x Q1300	
Fire (3 Hours)	RIM x SVR	QF1100 x QF1200	
	RIM x CVR	QF1100 x QF1300	

One Mortise Lock Exit Device x One Vertical Rod Device

Panic	Mortise x SVR	Q1400 x Q1200	Up to 8' x 10' Door Size
	Mortise x CVR	Q1400 x Q1300	
Fire (3 Hours)	Mortise x SVR	QF1400 x QF1200	
	Mortise x CVR	QF1400 x QF1300	

How to Order Mechanical Device - RIM, CVR, SVR, 3PT

LINE 1 – DEVICE

Q1200	36"	626	LD	LBR
Device Number and Rating: Panic Q1100 RIM FIRE QF1100 RIM Q1200 SVR FIRE QF1200 SVR Q1300 CVR FIRE QF1300 CVR Q1500 3PT FIRE QF1500 3PT				
Device Size: 36" and 48"				
Finish (see page 7): 605 (US3) 613 (US10B) 626 (US26D) 606 (US4) 625 (US26) 630 (US32D)				
Dogging (see page 30): Blank Flat/Hex Key Dogging CD Cylinder Dogging LD Less Dogging				
Bottom Rod and Latch Options: LBR Less Bottom Rod PL Pullman Latch				

For Push Bar Trim Options, see page 7. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strikes included with Device.

Q106 RIM Strike Q227 SVR, CVR, 3PT Bottom Strike

Optional strikes sold separately.

Q108 RIM Strike Q224 SVR, CVR, 3PT Bottom Strike

Q136 RIM Pair Door Strike

Q215 SVR Top Strike

Q216 CVR Top Strike

LINE 3 – MECHANICAL TRIM

Q309R	605	D
Trim Number (see pages 20-24): Q200 Series Q201 Q202 Q203R Q205R Q215R Q300 Series Q302 Q308R Q309R Q314R Q300 Series clutching QC308R Q600 Series Q602 Q608R Q609R Q614R		
Finish: 605 (US3) 606 (US4) 613 (US10B) 625 (US26) 626 (US26D) 630 (US32D)		
Lever/Knob: D Q A K / B P T Thumbpiece: GD GK		

ELECTRIFIED TRIM

EQ309R	FSE	605	D	24v
Trim Number (see pages 20-24): EQ309R				
Suffix for Electric Options: FSE Fail Secure FS Fail Safe				
Finish: 605 (US3) 606 (US4) 613 (US10B) 625 (US26) 626 (US26D) 630 (US32D)				
Lever/knob: D Q A K / B P T Thumbpiece: GD GK				
Voltage: 24v (standard) 12v				

LINE 4 – SFIC CYLINDERS

For Q203R, Q205R and Q309R

order 40500-finish

For Q308R and QC308R

order 442-701-finish-440-0708

For Rim Cylinder Mount

order 40500-finish-68-4001

For Q608R and Q609R

consult Cylinder chart on page 27

For Cylinder Dogging

order 442-701-finish-440-0706

For Schlage C Plug option

consult Cylinder chart on page 27

Note: Q203R, Q205R, Q207R or Thick Door also needs Cylinder Guard 611902-032-finish. CVR with Q308R or QC308R and SFIC Cylinder needs Cylinder Guard 4240-0202-finish. With Standard Cylinder order Cylinder Guard 611902-032-finish. For specification details, please contact MBS. For Sex Bolts (SNB) consult chart on page 8.

How to Order Mechanical Device - Mortise

LINE 1 – DEVICE

Q1400	36"	626	RH
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Device Number and Rating:

Panic Q1400 Mortise FIRE QF1400 Mortise

Device Size:

36" and 48"

Finish (see page 7):

605 (US3)	613 (US10B)	626 (US26D)
606 (US4)	625 (US26)	630 (US32D)

Handing:

RH	LH
RHR	LHR

For Push Bar Trim Options, see page 7. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strike included with Device.

Q306 Mortise Strike

Optional strikes sold separately.

Q336 Mortise Strike

Q337 Mortise Open Back Strike

Q338 Mortise Open Back Strike

LINE 3 – MECHANICAL TRIM

Q309M	605	D
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Trim Number (see pages 20-24):

Q200 Series	Q201	Q202	Q203M	Q205M	Q215M
Q300 Series	Q302	Q308M	Q309M	Q314M	
Q300 Series Clutching	QC308M				
Q600 Series	Q602	Q608M	Q609M	Q614M	
Push Paddles	HL 400				

Finish: 605 (US3) 606 (US4) 613 (US10B) 625 (US26) 626 (US26D) 630 (US32D)

Lever/knob: D Q A K / B P T Thumbpiece: GD GK

ELECTRIFIED TRIM

EQ309M	FSE	605	D	24v
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Trim Number (see pages 20-24):

EQ309M

Suffix for Electric Options: FSE Fail Secure
FS Fail Safe

Finish: 605 (US3) 606 (US4) 613 (US10B) 625 (US26) 626 (US26D) 630 (US32D)

Lever/knob: D Q A K / B P T Thumbpiece: GD GK

Voltage: 24v (standard) 12v

LINE 4 – SFIC CYLINDERS

For Q203M and Q205M

For Q308M, QC308M, and Q309M

For Rim Cylinder Mount

For HL 400 Push/Pull

For Q608R and Q609R

For Schlage C Plug option

Note: Q203M, Q205M and Q207M with SFIC cylinder, also needs Cylinder Guard 4240-0202-finish.

With Standard Cylinder order Cylinder Guard 611902-032-finish. Q308M and QC308M need

Cylinder Guard 611902-032-finish. For Sex Bolts (SNB) consult chart on page 8.

order 442-701-finish-440-0706

order 442-702-finish-440-0706

order 40500-finish-68-4001

order 442-701-finish-440-0706

consult Cylinder chart on page 27

consult Cylinder chart on page 27

Ordering
Information

How to Order Electrified Device - RIM, CVR, SVR, 3PT

LINE 1 – DEVICE

Prefix for Electric Options:

AL	Alarm Exit
DE	Delayed Egress Device
ELR	Electric Latch Retraction
LM	Latch Bolt Monitoring
RX	Request to Exit
SS	Signal Switch

Additional Available Combinations:

ELR-LM
ELR-RX
ELR-RX-LM
RX-LM

Device Number and Rating:

Panic	Q1100 RIM	FIRE	QF1100 RIM
	Q1200 SVR	FIRE	QF1200 SVR
	Q1300 CVR	FIRE	QF1300 CVR
	Q1500 3PT	FIRE	QF1500 3PT

Device Size:

36" and 48"

Finish (see page 7):

605 (US3)	613 (US10B)	626 (US26D)
606 (US4)	625 (US26)	630 (US32D)

Dogging (see page 30):

Blank	Flat/Hex Key Dogging
CD	Cylinder Dogging
LD	Less Dogging

Bottom Rod and Latch Options:

LBR	Less Bottom Rod
PL	Pullman Latch

Note: for DE with 30 second delay option, add -30 suffix

For Push Bar Trim Options, see page 7. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strikes included with Device.

Q106 RIM Strike Q227 SVR, CVR, 3PT Bottom Strike

Optional strikes sold separately.

Q108 RIM Strike Q224 SVR, CVR, 3PT Bottom Strike
Q136 RIM Pair Door Strike
Q215 SVR Top Strike
Q216 CVR Top Strike

LINE 3 – MECHANICAL TRIM

Trim Number (see pages 20-24):

Q200 Series	Q201	Q202	Q203R	Q205R	Q215R
Q300 Series	Q302	Q308R	Q309R	Q314R	
Q300 Series clutching	QC308R				
Q600 Series	Q602	Q608R	Q609R	Q614R	
Finish:	605 (US3)	606 (US4)	613 (US10B)	625 (US26)	626 (US26D) 630 (US32D)
Lever/Knob:	D Q A K / B P T Thumbpiece: GD GK				

LINE 4 – SFIC CYLINDERS

For Q203R, Q205R and Q309R order 40500-finish
For Q308R and QC308R order 442-701-finish-440-0708
For Q608R and Q609R consult Cylinder chart on page 27.
For Rim Cylinder Mount order 40500-finish-68-4001
For Cylinder Dogging order 442-701-finish-440-0706
For Schlage C Plug option consult Cylinder chart on page 27

Note: Q203R, Q205R, Q207R or Thick Door also needs Cylinder Guard 611902-032-finish. CVR with Q308R or QC308R and SFIC Cylinder needs Cylinder Guard 4240-0202-finish. With Standard Cylinder order Cylinder Guard 611902-032-finish. For specification details, please contact MBS. For Sex Bolts (SNB) consult chart on page 8.

Ordering
Information

How to Order Electrified Device - Mortise

LINE 1 – DEVICE

E	Q1400	36"	626	RH	24v
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Prefix for Electric Options:

E Alarm Exit
 SS Signal Switch

Device Number and Rating:

Panic Q1400 Mortise FIRE QF1400 Mortise

Device Size:

36" and 48"

Finish (see page 7):

605 (US3) 613 (US10B) 626 (US26D)
 606 (US4) 625 (US26) 630 (US32D)

Handing:

RH LH
 RHR LHR

Voltage:

24v (standard)
 12v

For Push Bar Trim Options, see page 7. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strike included with Device.
 Q306 Mortise Strike

Optional strikes sold separately.
 Q336 Mortise Strike
 Q337 Mortise Open Back Strike
 Q338 Mortise Open Back Strike

LINE 3 – MECHANICAL TRIM

Q309M	605	D
-------	-----	---

Trim Number (see pages 20-24):

Q200 Series Q201 Q202 Q203M Q205M Q215M
 Q300 Series Q302 Q308M Q309M Q314M
 Q300 Series Clutching QC308M
 Q600 Series Q602 Q608M Q609M Q614M

Finish: 605 (US3) 606 (US4) 613 (US10B) 625 (US26) 626 (US26D) 630 (US32D)

Lever/knob: D Q A K / B P T Thumbpiece: GD GK

LINE 4 – SFIC CYLINDERS

For Q203M and Q205M order 442-701-finish-440-0706
 For Q308M, QC308M, and Q309M order 442-702-finish-440-0706
 For Rim Cylinder Mount order 40500-finish-68-4001
 For HL 400 Push/Pull order 442-701-finish-440-0706
 For Q608R and Q609R consult Cylinder chart on page 27
 For Schlage C Plug option consult Cylinder chart on page 27
 Note: Q203M, Q205M and Q207M with SFIC cylinder, also needs Cylinder Guard 4240-0202-finish. With Standard Cylinder order Cylinder Guard 611902-032-finish.
 Q308M and QC308M need Cylinder Guard 611902-032-finish.
 For Sex Bolts (SNB) consult chart on page 8.

Ordering
 Information

How to Order Double Cylinder with Indicator – RIM, Mortise

LINE 1 – DEVICE

Q1100	36"	626	IN	RHR
Device Number and Rating: Panic Q1100 RIM FIRE QF1100 RIM Q1400 MORTISE FIRE QF1400 MORTISE				
Device Size: 36" and 48"				
Finish (see page 7): 605 (US3) 613 (US10B) 626 (US26D) 606 (US4) 625 (US26) 630 (US32D)				
Indicator: IN				
Handing: LHR RHR				

For Push Bar Trim Options, see page 7. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strikes included with Device.

Q106 RIM Strike Q227 SVR, CVR, 3PT Bottom Strike

Optional strikes sold separately.

Q108 RIM Strike Q224 SVR, CVR, 3PT Bottom Strike
 Q136 RIM Pair Door Strike
 Q215 SVR Top Strike
 Q216 CVR Top Strike

LINE 3 – MECHANICAL TRIM

Q308R	605	D
Trim Number (see pages 20-24): Q300 Series Q308R (RIM) Q308M (MORTISE) Q300 Series Clutching QC308R (RIM) QC308M (MORTISE)		
Finish: 605 (US3) 613 (US10B) 626 (US26D) 606 (US4) 625 (US26) 630 (US32D)		
Lever/knob: D Q A K / B P T Thumbpiece: GD GK		

LINES 4 and 5 – SFIC CYLINDERS

Inside Rim Cylinder

Rim Cylinder

Thumbturn RIM

Thumbturn Mortise

order 40500-finish

order Q1100-TK-SS

order Q1400-TK-SS

Outside Mortise Cylinder

RIM

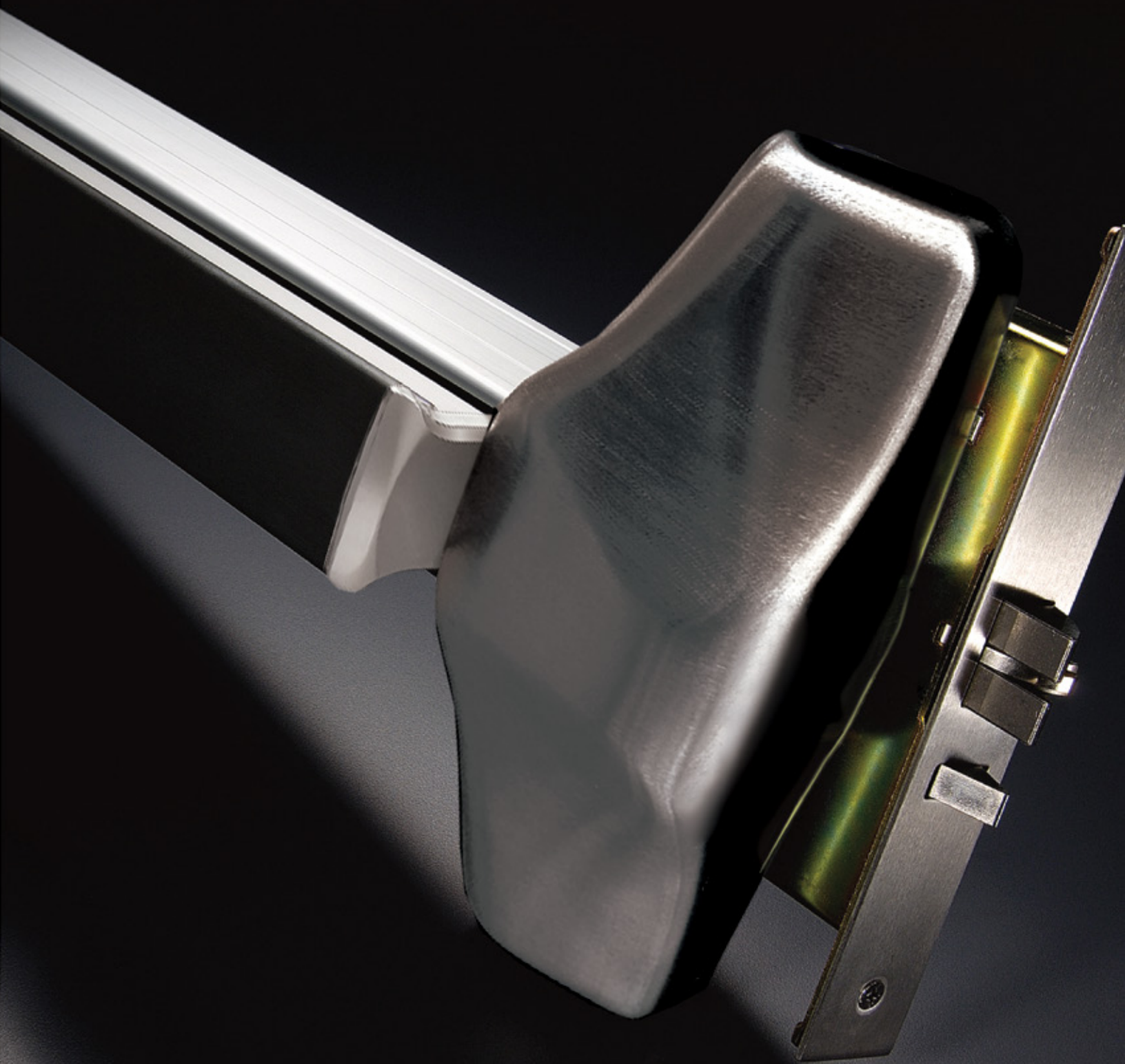
Mortise

order 442-701-finish-440-0711

order 442-702-finish-440-0706

For Schlage C Plug option consult Cylinder chart on page 27.

For Sex Bolts (SNB) consult chart on page 8.





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