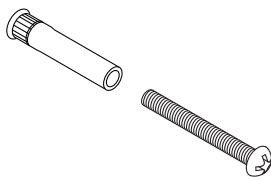


## 98/99 Device options & accessories

### Sex bolts

Sex bolts when ordered with devices may be furnished with screw lengths different than shown in Column B. Below, Column B indicates popular sizes. Sex Bolts ordered separately are not furnished with screws. If screws are required refer to chart below and order screws by description as a separate item. Other screw lengths may be used based on minimum and maximum allowable thread engagement, shown in column "C." Quantity required — refer to device section, quantities differ depending on outside trim.



325 sex bolts used on surface Vertical Latches.

425 sex bolts are required for 98/99 Series fire rated devices when used on wood door applications. When wood doors are specified for these devices, sex bolts will be added to the device application unless SLM blocking package is specified.

825 sex bolts are required with 98-F/99-F rim devices on wood door applications using NL, TP, K and L outside trims. Two 825 sex bolts will be added to the device application unless SLM blocking package is specified.

#### To order, specify:

1. Model number
2. Quantity (2 per package)
3. Finish
4. Door thickness other than 1<sup>3</sup>/<sub>4</sub>" (44mm)



325



425



825

### Rim, mortise, surface and concealed vertical

Device type	Door thickness	Center case				Hinge case			
		Sex bolt		B		Sex bolt		B	
		no.	A	Screw	C Thread engagement min. – max	no.	A	Screw	C Thread engagement min. – max
98, 9827, 9827-F, 9875, 9875-F, 9847, 9847-F, 9847WDC, 9849, 9849-F, 99, 9927, 9927-F, 9975, 9975-F, 9947, 9947-F, 9949, 9949-F, 98/9950WDC, 98/9950WDC-F	1 <sup>3</sup> / <sub>4</sub> " (44mm)	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1" PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1" PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "
	2 <sup>1</sup> / <sub>4</sub> " (57mm)	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1 <sup>1</sup> / <sub>2</sub> " PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1 <sup>1</sup> / <sub>2</sub> " PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "
98-F, 99-F*	1 <sup>3</sup> / <sub>4</sub> " (44mm)	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1" PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 3/4" PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "
	2 <sup>1</sup> / <sub>4</sub> " (57mm)	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1 <sup>1</sup> / <sub>2</sub> " PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "	425	1 <sup>9</sup> / <sub>16</sub> "	10-24 x 1 <sup>1</sup> / <sub>4</sub> " PPHMS	9/32" – 1 <sup>9</sup> / <sub>16</sub> "

\* For use with outside trims, see page 11 for details.

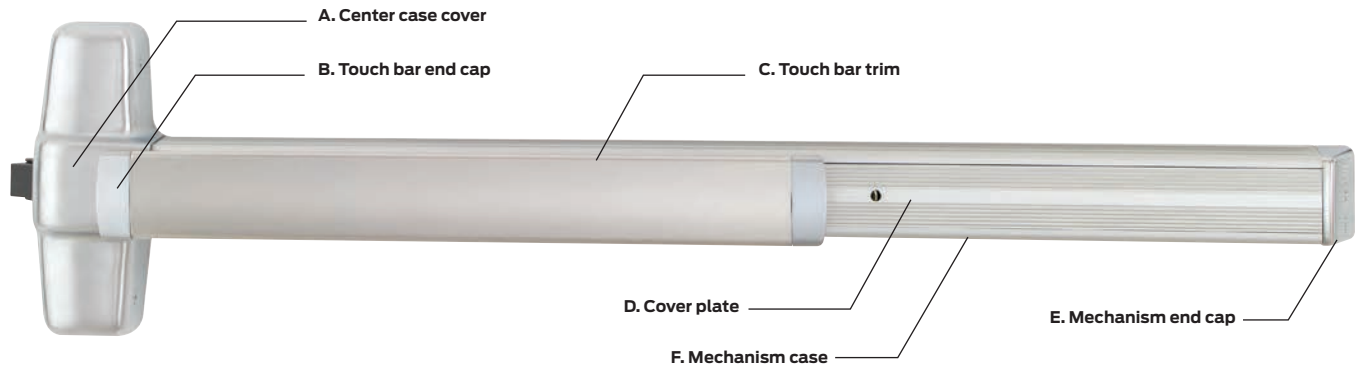
### Surface vertical rod - latches only

Device type	Door thickness	Latch case		
		Sex bolt		B
		no.	A	
9827/9927/9827F, 9927F	1 <sup>3</sup> / <sub>4</sub> " (44mm)	325	1 <sup>9</sup> / <sub>16</sub> "	1/4 - 20 x 3/4" FPHMS
	2 <sup>1</sup> / <sub>4</sub> " (57mm)	325	1 <sup>9</sup> / <sub>16</sub> "	1/4 - 20 x 1/4" FPHMS

PPHMS – Pan phillips head machine screw

UFPHMS – Undercut flat phillips head machine screw

## 98/99 Finishes



### Finishes

Color	US number	BHMA number	A, B, E	C	D & F
Bright brass	US3	605	Bright brass	Bright brass US3, 605	Buffed anodized
Satin brass	US4	606	Bright brass	Satin brass US4, 606	Anodized
Satin bronze	US10	612	Plated	Satin bronze US10, 612	Anodized
Bright chrome	US26	625	Plated	Bright stainless steel US32, 629	Buffed anodized
Satin chrome	US26D	626	Plated	Satin stainless steel US32D, 630	Anodized
Satin stainless steel*	US32D	630	Stainless steel	Satin stainless steel US32D, 630	Anodized
Aluminum, anodized	US28	628	Powder coat	Satin stainless steel US32D, 630	Anodized
Duranodic dark bronze	313	710	Powder coat	Powder coat	Powder coat
Black	315	622	Powder coat	Powder coat	Powder coat
Aged bronze 643E	—	—	Relieved aged bronze	Relieved aged bronze	Aged bronze, no relief

### Special Finishes

Color	US number	BHMA number	A, B, E	C	D & F
Satin bronze, oil-rubbed	US10B	613	Oil-rubbed, US10B	Oil-rubbed, US10B	Powder coat
Powder coat**	RAL #	—	Powder coat	Satin stainless steel US32D, 630 (unless specified to match device)	Powder coat
Bright bronze	US9	611	Plated	Bright bronze US9, 611	Buffed anodized
Satin nickel*	US15	619	Plated, clear powder	Satin stainless steel US32D	Anodized
Satin chrome (antimicrobial)	U26D-AM	626-AM	AM Clear over chrome	AM Clear over satin stainless steel US32D, 630	AM Clear over anodized
Satin stainless steel (antimicrobial)	US32D-AM	630-AM	AM Clear over stainless steel	AM Clear over Satin Stainless Steel US32D, 630	AM Clear over anodized

**Touch bar trim options** — Knurled  
 Embossed “Push”  
 Braille (Caution-Stairwell), satin stainless steel only  
 RSS, US32D only, red silk screen lettered “EMERGENCY EXIT ONLY – PUSH TO OPEN AND SOUND ALARM.”

\* US32D and US15—available on 98 Series only

\*\* Other custom logo touchbar trim and RAL color combinations available - consult factory