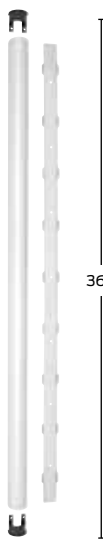


98/99 Device options & accessories

RG-27 Vertical rod and latch guard



Rod guard

Series RG-27 Vertical rod and latch guards protect the bottom rods of exit devices from the damaging impacts of carts or gurneys passing through doors. (If bottom rods become damaged, the exit device will not function as intended and can jeopardize the ability to exit safely during an emergency.)

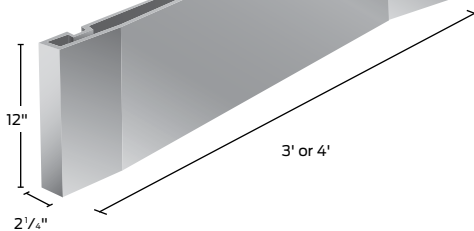
In addition to protecting the vertical rod, the guard provides a smooth, unobstructed surface so the door can be pushed open easily with the bumpers of a wheelchair. The latch guard portion is 10" high. The standard latch guard features a 45° ramp. The extended latch guard offers a continuous ramp in 3' or 4' widths.

All stainless steel construction in US32D finish. Latch guards can cover latches as large as 1 1/4"W x 10"H x 1 7/8" projection.

Latch guard



Extended latch guard



Models

- RGO Rod guard only (projection 1 3/16")
- RG-27 Rod and latch guard
- RG-27-3 3' (914mm) Rod guard and extended latch guard
- RG-27-4 4' (1219mm) Rod guard and extended latch guard
- LGO Latch guard only
- LGO-3 3' (914mm) Extended latch guard only
- LGO-4 4' (1219mm) Extended latch guard only

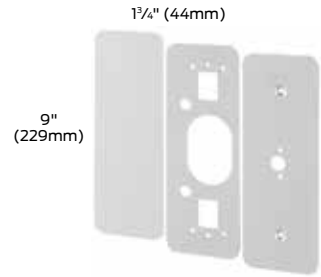
When using on wood fire doors, high density block is required.

To order, specify:

1. Model number.
2. Handing (except on RGO).
3. Door material if other than hollow metal.
4. Optional sex bolt mounting available.

997 Cover plate kit

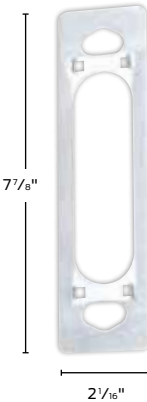
For 98/99 rim device, kit contains inside and outside plates for hinge stile cutouts, an inside plate for the lock stile, and necessary screws. Plates are designed to cover cutouts required by most existing exit device installations. Specify finish.



WDA Cover plate kit

For wood door applications, used to cover up door preparations for control, also prevents the control from boring into the wood door. Finished to match control.

#10WDA Cover plate kit for 370 series controls



#33A-WDA Cover plate kit for 360 series controls



GBK Glass bead kit

Glass bead conversion kits are available for all 98/99™ Series devices for use on doors with raised glass beads. Each kit consists of 1/4" (6mm) shim sets. GBK for surface vertical rod ships with 1/8" shims for rod guides.

To order, specify:

1. 99GBK
2. Device type (rim, mortise, surface vertical rod, concealed vertical rod)
3. Wood door, when used with concealed vertical Rod
4. When used with 330/350 Dummy pusher, order two hinge stile shims.

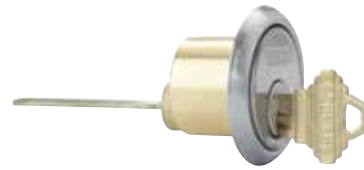
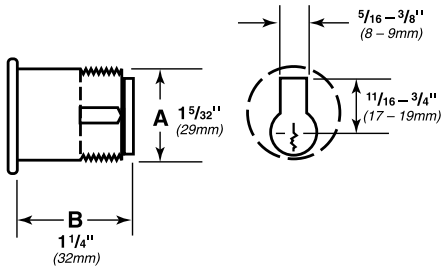
98/99 Device options & accessories

Cylinders

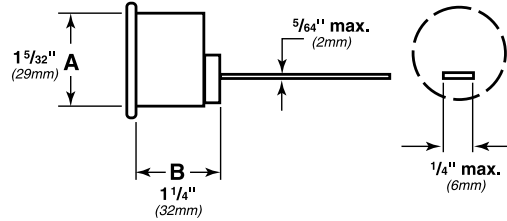
Cylinders are not furnished with device or trim and must be specified when ordering. Refer to trim pages for cylinder type.



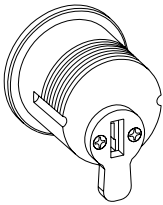
Mortise — 3215 (Schlage 20-001, B502-191 cam)



Rim — 3216 (Schlage 20-022 cam)

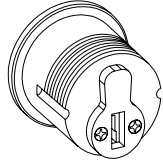


Dogged (inverted) cam



For cylinder dogging
or 360L

Undogged cam (standard operations)



For standard trim functions
or 360L-NL

98/99 Device options & accessories

Mullions

Removable steel mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of 1/8" (3mm).

Mullions are shipped with mounting screws and prepared for strikes. Strikes are not included except where indicated.

Steel mullions are available in SP28 and SP313 finishes. Consult factory for other powder coat finish options.

KR – Keyed removable steel mullions make removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without the use of the cylinder key. Uses a 1 1/4" mortise cylinder with a straight cam (Schlage cam reference B502-191). Cylinders are sold separately. Prefix mullion model with "KR".

Removable aluminum mullions are 1 1/8" (27mm) wide on face closest to the door and 2 3/8" (60mm) at the widest point. The depth is 3 1/8" (79mm) with a wall thickness of 1/8" (3mm).

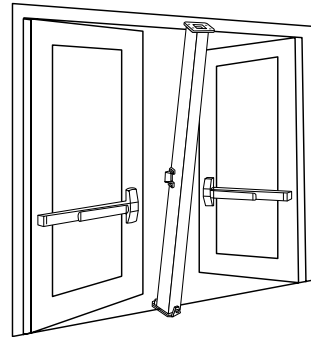
Aluminum mullions are available in US4, US10, US28, 313 and 315 finishes. Consult factory for other powder coat finish options. Aluminum mullion are not available keyed removable.

Stock hollow metal applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

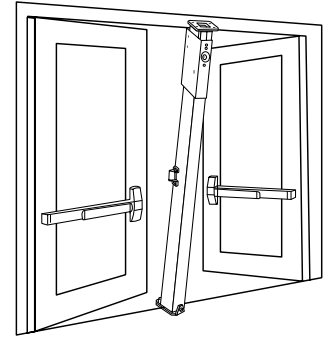
Blank mullions are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

To order, specify:

1. For keyed Removable option on steel mullions, prefix model number with "KR"
2. Model number
3. Height of opening
4. Finish
5. Handing if required
6. Centerline deviation (refer to device template for standard centerline)
7. Strikes, when required, should be ordered with device



Removable mullions



Keyed removable steel mullions

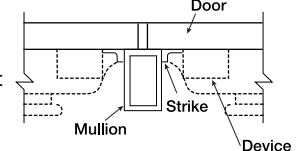
Steel mullions

1654 Prepared for two 1606 strikes. If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4954 Prepared for 264 or 299 strikes. For use with all Von Duprin Panic rim devices.



9954 Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings.



98-F and 99-F devices are rated up to 10'0" (3048 mm).

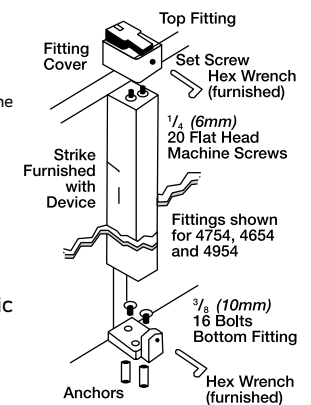
Note: If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.

4754 Prepared for two 4263 monitor strikes.

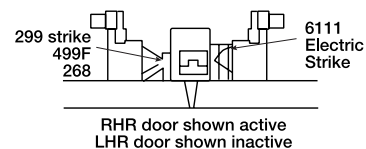
4854 Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.



9854 Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labelled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin fire exit rim devices



4854/9854 – Using one electric strike



98/99 Device options & accessories

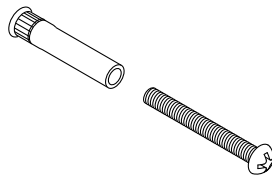
Sex bolts

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 1³/₄" (44mm)



Rim, mortise and concealed vertical

Device type	Door thickness	Center case				C Thread engagement min. – max	Hinge case			C Thread engagement min. – max
		Sex bolt no.	A	B Screw	Sex bolt no.		A	B Screw		
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, 98/9949WDC, 98/9949WDC-F	1 ³ / ₄ " (44mm)	425	1 ⁹ / ₁₆ "	10-24 x 1" PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	425	1 ⁹ / ₁₆ "	10-24 x 1" PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	
	2 ¹ / ₄ " (57mm)	425	1 ⁹ / ₁₆ "	10-24 x 1 ¹ / ₂ " PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	425	1 ⁹ / ₁₆ "	10-24 x 1 ¹ / ₂ " PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	
98-F, 99-F*	1 ³ / ₄ " (44mm)	425	1 ⁹ / ₁₆ "	10-24 x 1" PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	425	1 ⁹ / ₁₆ "	10-24 x 3 ³ / ₄ " PPHMS	9 ⁹ / ₃₂ " – 1 ⁹ / ₁₆ "	
		825A*	1 ¹³ / ₁₆ "	10-24 x 3 ³ / ₄ " PPHMS						
	2 ¹ / ₄ " (57mm)	425	1 ⁹ / ₁₆ "	10-24 x 1 ¹ / ₂ " PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	425	1 ⁹ / ₁₆ "	10-24 x 1 ¹ / ₄ " PPHMS	9 ³² / ₃₂ " – 1 ⁹ / ₁₆ "	
		825B*	2 ⁵ / ₁₆ "	10-24 x 3 ³ / ₄ " PPHMS						

* For use with outside trims, see page XX for details

Surface vertical rod - latches only

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

PPHMS – Pan phillips head machine screw

UFPHMS – Undercut flat phillips head machine screw

* For use with outside trims.