

IVES® Automatic flush bolts – Metal doors

A	Hinges & pivots
B	Pulls & plates
C2	Flush bolts & coordinators
D	Latches, catches & bolts
E	Stops
F	Exterior hardware
G	Miscellaneous hardware



FB31P Top and bottom bolts (pair)

FB31T Top bolt only

FB31B Bottom bolt only

- For use with metal doors only
- Fully automatic—inactive door is latched, bolts are extended when active door closes, door is unlatched, bolts retract when active door is opened.
- Low actuation forces—top bolt has no spring tension.
- Non-handed.
- Bolt throw is 3/4" with a 7/8" vertical adjustment.
- Bolt backset is 3/4"
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip.

Certifications

- Meets ANSI A156.3 Type 25
- Fits standard ANSI A115.4 door frame preparations.
- UL Listed 3 Hour fire doors 8'0" X 10'0"

Mounting

- 8-32 X 3/8" UFPHMS
- 10-12 X1-1/4" Plastic anchor
- 6-32 X 3/8 FPHMS
- 6 X 3/4 FPHSMS
- 8 X 1 FPHSMS
- 10 X 1 FPHSMS

Dimensions

Body size (Width X Length X Depth)	Guide size (Width X Length X Height X Thickness)	Strike size (Width X Length X Thickness)	Rub plate size (Width X Length X Thickness)
1" x 6-3/4" x 2"	1" x 1-27/32" x 27/32" x 3/32"	15/16" x 2-1/4" x 1/16"	1-1/4" x 1-11/16" x 3/64"

Finishes

BHMA	Description	Substrate	US
605	Bright brass	Brass	US3
606	Satin brass	Brass	US4
612	Satin bronze	Brass	US10
613	Oil rubbed bronze	Brass	US10B
BLK	Matte black	Stainless steel	–
629	Bright stainless steel	Stainless steel	US32
630	Satin stainless steel	Stainless steel	US32D

Custom finishes are available as engineering special, consult customer service.

Additional options

- Optional rod lengths available for top bolt only on non-fire rated openings—18", 24", 36" and 48".

Available accessory items

- Security pin screws
- DP1 and DP2 dust proof strike, see page C16