

# FB52 / FB53

## Top bolt with auxiliary fire latch - metal doors (models with and without retrofit plate)

- FB52 top bolt with auxiliary fire latch only
- FB53 top bolt with auxiliary fire latch and retrofit plate
- For use with metal doors only
- Constant latching—inactive door remains latched until the active door is opened, releasing the automatic bottom bolt and then the top bolt can be manually released (inactive door will re-latch automatically when closed)
  - FB52 Model with auxiliary fire latch eliminates the bottom bolt
  - FB53 Model with auxiliary fire latch eliminates the bottom bolt and includes a retrofit plate to cover existing bottom bolt prep
- Low actuation forces
- Non-handed
- Bolt throw is  $\frac{3}{4}$ " with a  $\frac{7}{8}$ " vertical adjustment
- Bolt backset is  $\frac{3}{4}$ "
- Standard rod length is 12", which is measured from the center of the flush bolt body to the bolt tip

### Specifications

Mounting hardware	<ul style="list-style-type: none"> <li>▪ 8-32 X <math>\frac{3}{8}</math>" UFPHMS</li> <li>▪ 10-12 X <math>1\frac{1}{4}</math>" Plastic anchor</li> <li>▪ 6-32 X <math>\frac{3}{8}</math>" FPHMS</li> <li>▪ 6 X <math>\frac{3}{4}</math>" FPHSMS</li> <li>▪ 8 X 1" FPHSMS</li> <li>▪ 10 X 1" FPHSMS</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>▪ Fits standard ANSI/BHMA A115.4 door frame preparations</li> <li>▪ UL10C Listed (3 hour) fire doors 8'0" x 8'0"</li> </ul>

### Options

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

### Dimensions

Body size (Width x Length x Depth)	Guide size (Width x Length x Height x Thickness)	Strike size (Width x Length x Thickness)
$1\frac{1}{4}$ " x $6\frac{3}{4}$ " x 2"	$1\frac{1}{4}$ " x $1\frac{27}{32}$ " x $1\frac{11}{16}$ " x $\frac{3}{32}$ "	$\frac{15}{16}$ " x $2\frac{1}{4}$ " x $\frac{1}{16}$ "
Rub plate size (Width x Length x Thickness)	Auxiliary fire latch size (Width x Length x Depth)	Retrofit plate size (Width x Length x Thickness)
$1\frac{1}{4}$ " x $1\frac{11}{16}$ " x $\frac{3}{64}$ "	$1\frac{1}{4}$ " x $1\frac{3}{4}$ " x $3\frac{1}{4}$ "	$1\frac{1}{4}$ " x $6\frac{3}{4}$ " x $\frac{3}{32}$ "

### Finishes

BHMA	Description	Substrate	Finish
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 accessories

- Security pin screws

