Surface Bolts

SB1600

- Standard Surface Bolt has 1" throw for maximum security.
- Ideal for all types of doors.
- Fully concealed mounting prevents vandalism.
- Available in locking version. Unit locks in both the up and down position. Locking Bolts are furnished with 2 keys in 4 keying variations.
- Units packed with wood and machine screws to meet most field conditions.
- Units available with either a universal top strike (T) or a flat bottom strike (B).
- 1630 Series is constructed of heavy duty steel.
- 1640 Series is constructed of brass.
- 1630 Series is UL listed up to 3 hours when used on the inactive door of a pair up to 8' in height.
- 1630 meets ANSI/BHMA A156.16, L84161.
- 1640 meets ANSI/BHMA A156.16, L24161.
- Finishes: 1630 – US2G, US10B, US26D
  1640 – US3, US10B, US26D
- Optional sex bolts available.

Dimensions:

Body: 8" Long x 7/8" Wide x 3/4" Thick,
Overall Knob or Lock Housing Projection: 1-1/2"
Top Strike: 1-1/4" Wide x 7/8" Tall x 15/16" Deep
Bottom Strike: 3" Long x 1" Wide x 1/8" Thick

How to Order:

SB16 ____ ____ ____ - ____ - ____

Model:
- **30** Steel
- **40** Brass

Strike:
- **T** Universal Top Strike
- **B** Flat Bottom Strike
- **TB** Both Strikes, 1630 only

Type:
- **Blank** Standard Bolt
- **L** Locking Bolt

Key Code:
Locking only (1289, 1360, 1390, 1395)

Finishes:
- **1630** US2G, US10B, US26D,
- **1640** US3, US10B, US26D

Surface Bolts

SB1600M1
SB1600M2

- Standard Surface Bolt has 3-1/2" throw for maximum security and for doors with larger undercuts.
- Sleek handle design.
- Ideal for all types of doors.
- Fully concealed mounting prevents vandalism.
- Available in locking version. Unit locks in both the up and down position. Locking bolts are furnished with 2 keys in 4 keying variations.
- Units packed with wood and machine screws to meet most field conditions.
- Units available with either a universal top strike (T) or a flat bottom strike (B).
- Constructed of heavy duty steel.
- UL listed up to 3 hours when used on the inactive door of a pair up to 8' in height.
- Finishes: SP4, SP10, SP28, SP313, SPBLK.
- Optional Sex Bolt available.

SB1600M1

SB1600M2

Dimensions:

Bar: 11" Long x 3/4" Wide x 3/4" Thick, locking version 1-1/2" Thick
Top Strike: 1-1/4" Wide x 7/8" Tall x 15/16" Deep
Bottom Strike: 3" Long x 1" Wide x 1/8" Thick

How to Order:

SB1600 ____ ____ ____ - ____ - ____

Model:
- **M1** Handle Up
- **M2** Handle Down

Strike:
- **T** Universal Top Strike
- **B** Bottom Strike

Type:
- **Blank** Standard Bolt
- **L** Locking Bolt

Key Code:
Locking only (1289, 1360, 1390, 1395)

Finishes:
SP4, SP10, SP28, SP313, SPBLK

Surface Bolts

SB360

Features:

- Surface Bolt has 1-1/4" throw for maximum security.
- Jimmy-resistant design, bolt locks automatically when thrown, can be released only be pressing knob toward door while retracting.
- Ideal for all types of doors.
- Available in 12" or 24" lengths.
- Unit locks in both the up and down position.
- Accepts padlock (not furnished) with maximum 3/8" diameter shackle, minimum 1-3/4" shackle opening height.
- Units packed with one-way screws for added security. Standard screws also supplied.
- Units available with either a universal top strike (T) or a flat bottom strike (B).
- Constructed of heavy duty steel.
- 12" Bolt is UL listed up to 3 hours when used on the inactive door of a pair up to 10' in height.
- Meets ANSI/BHMA A 156.16.
- Finish: US2C
- Optional Sex Bolts available.
- Optional Mortise Strike available.

Dimensions:

Bar: 3/4" Wide x 3/4" Thick
Overall Width: 2-1/32"
Overall Projection: 2-1/16"
Top Strike: 1-1/2" x 1-1/2" Angle, 3/16" Thick
Optional Mortise Strike: 3-1/2" Long x 1-5/8" Wide x 1/8" Thick

How to Order:

SB360 - _____ - _____ - _____

Length:
- **12** For 12" bolt
- **24** For 24" bolt

Strike:
- **T** Universal Top Strike (standard)

Finish:
- US2C

Surface Bolts

SB453

- Surface Bolt has 1-3/16" throw for maximum security.
- Strong tension springs prevent creep.
- Ideal for all types of doors.
- Available 8", 12", 18" or 24" lengths.
- Units packed with standard screws for added security.
- Units packed with both a universal top strike (T) and a mortise bottom strike (B).
- Constructed of heavy duty steel.
- 8" and 12" Bolts are UL listed up to 3 hours when used on the inactive door of a pair up to 10' in height.
- Meets ANSI/BHMA A156.16 L84161
- Finishes: US2C, US10, US10B, US26D.
- Optional Sex Bolts available.
- Optional Thru Bolts available.

Dimensions:

Bar: 3/4" Wide x 1/4" Thick
Overall Width: 2-1/32"
Overall Projection: 1-5/16"
Top Strike: 1-1/2" x 1-1/2" Angle, 3/16" Thick
Bottom Strike: 3-1/2" Long x 1-5/8" Wide x 1/8" Thick

How to Order:

SB453- ____ - ____ - ____

Length:

8	for 8"
12	for 12"
18	for 18"
24	for 24"

Strike:

TB	Top and Bottom Strike

Finishes:

US2C	(available in all lengths)
US26D	(available in 8" and 12" lengths)
US10	(available in 8" length only)
US10B	(available in 8" and 12" lengths)

Surface Bolts

SB454

- Surface Bolt has 1-3/16" throw for maximum security.
- Jimmy-resistant design, bolt locks automatically when thrown, can be released only by pressing knob toward door while retracting.
- Ideal for all types of doors.
- Available 5", 8" and 12" lengths.
- 8" and 12" units packed with both a universal top strike (T) and a mortise bottom strike (B).
- 5" unit packed with universal top strike (T) only.
- Constructed of heavy duty steel.
- Bolts are UL listed up to 3 hours when used on the inactive door of a pair up to 10' in height.
- Meets ANSI/BHMA A156.16 L84161
- Finishes: US2C, US10, US10B, US26D.
- Optional Sex Bolts available.
- Optional Thru Bolts available.

Dimensions:

Bar: 3/4" Wide x 1/4" Thick
Overall Width: 2-1/32"
Overall Projection: 1-5/16"
Top Strike: 1-1/2" x 11/2" Angle, 3/16" Thick
Bottom Strike: 3-1/2" Long x 1-5/8" Wide x 1/8" Thick

How to Order:

SB454- _____ - _____ - _____

Length:

5	for 5"
8	for 8"
12	for 12"

Strike:

T	Top Strike (available in 5" length only)
TB	Top and Bottom Strike (available in 8" or 12")

Finishes:

US2C, US10, US26D	(available in all lengths)
US4	(available in 5" lengths only)
US10B	(available in all lengths)

Surface Bolts

SB0454

- Surface Bolt has 1-3/16" throw for maximum security.
- Jimmy-resistant design, bolt locks automatically when thrown, can be released only by pressing knob toward door while retracting.
- Ideal for all types of doors.
- Available 5" and 8" lengths.
- Unit locks in both the up and down position.
- Accepts padlock (not furnished) with maximum 3/8" diameter shackle, minimum 1-3/8" shackle opening height.
- Units packed with one-way screws for added security. Standard screws also supplied.
- 8" unit packed with both a universal top strike (T) and a mortise bottom strike (B).
- 5" unit packed with universal top strike (T) only.
- Constructed of heavy duty steel.
- Meets ANSI/BHMA A156.16 L84161
- Finishes: US2C, US26D.
- Optional Sex Bolts available.
- Optional Thru Bolts available.

Dimensions:

Bar: 3/4" Wide x 1/4" Thick
Overall Width: 2-1/32"
Overall Projection: 1-5/16"
Top Strike: 1-1/2" x 1-1/2" Angle, 3/16" Thick
Bottom Strike: 3-1/2" Long x 1-5/8" Wide x 1/8" Thick

How to Order:

SB0454- _____ - _____ - _____

Length:
- **5** for 5"
- **8** for 8"

Strike:
- **T** Top Strike (available in 5" length only)
- **TB** Top and Bottom Strike (available in 8" length only)

Finishes:
US2C, US26D

Decorative Surface Bolts

40

- Concealed screw design enhances appearance and security.
- Exceptional strength and durability provided by interlocking construction of heavy gauge track and rod.
- Permanent stop prevents rod disengagement from track.
- Tension spring holds bolt in desired position.
- Track assures smooth operation and interlocks with side edges of rod to eliminate marring.
- Decorative 5/8" diameter knob designed to facilitate bolt operation.
- Made from extruded brass or aluminum.
- Available in 2", 3", 4", 6", 9" and 12" lengths.
- Packed with both Universal and Mortise Strikes. Optional Surface Strike available.
- 4" thru 12" lengths meet design requirements of ANSI/BHMA A156.16.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D, PA28.

To Order: Specify finish and length.

Dimensions:

Throw: 7/16" on 2" bolt; 15/16" on all other lengths
Projection: 3/4"
Width: 11/16"
Length: Specify 2", 3", 4" 6", 9" or 12"

043

- Features attractive 3/8" half-round rods and well-proportioned guides.
- Semi-concealed guides assure smooth operation and are positioned under the rod to eliminate marring the surface of the bolt.
- Stainless steel tension spring prevents rod disengagement from guide and provides permanent spring tension to hold bolt in desired position.
- Decorative 1/2" diameter knob designed to facilitate bolt operation.
- Made from solid brass or burnished steel.
- Available in 2", 3", 4" and 6" lengths.
- Packed with both Universal and Angle Strikes. Optional Mortise Strike (MS) available.
- Meets design requirements of ANSI/BHMA A156.16.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D, F3, F5, F14.

To Order: Specify finish and length.

Dimensions:

Throw: 3/4"
Projection: 3/4"
Half Round Rod: 3/8"
Overall Width: 1-3/16"
Length: Specify 2", 3", 4" or 6"

43

- Features attractive 1/2" half-round rods and well-proportioned guides.
- Semi-concealed guides assure smooth operation and are positioned under the rod to eliminate marring the surface of the bolt.
- Stainless steel tension spring prevents rod disengagement from guide and provides tension to hold bolt in desired position.
- Decorative 3/4" diameter knob designed to facilitate bolt operation.
- Made from solid brass or burnished steel.
- Available in 4", 6", 9" and 12" lengths.
- Packed with both Universal and Angle Strikes.
- Meets design requirements of ANSI/BHMA A156.16.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D, F3, F4, F5.

To Order: Specify finish and length.

Dimensions:

Throw: 1"
Projection: 15/16"
Half Round Rod: 1/2"
Overall Width: 1-3/8"
Length: Specify 4", 6", 9" or 12"

Decorative Surface Bolts

144

- Fully concealed screw design enhances appearance and security.
- Concealed guide track assures smooth operation and is positioned under the rod to eliminate marring the surface of the bolt.
- Stainless steel tension spring prevents rod disengagement from guide and provides permanent spring tension to hold bolt in desired position.
- Decorative 3/4" diameter knob designed to facilitate bolt operation.
- Made from solid brass.
- Easy to install; wrench supplied for set screw.
- Available in 4", 6", 9" and 12" lengths.
- Packed with both Universal and Angle Strikes.
- Meets design requirements of ANSI/BHMA A156.16.
- Finishes: B3, B4, B5, B10B, B14, B15, B15A, B26, B26D.

To Order: Specify finish and length.

Dimensions:

Throw: 1"
Projection: 1"
Half Round Rod: 11/16"
Length: Specify 4", 6", 9" or 12"

253

- Heavy duty, decorative bolt ideal where extra strength required
- Decorative 1-1/4" diameter knob fits well with any décor and designed to facilitate bolt operation.
- Made from solid brass.
- Available in 8", 12", 18", 24", 30", 34", 36", 42", 48", 54", 60" and 72" lengths. Bolts 18" and over are furnished with 3 guides. For B14, B15, B15A, B26 and B26D finishes, maximum rod length is 24".
- Specify desired strike: Universal Strike (US) or Mortise Strike (MS).
- Meets design requirements of ANSI/BHMA A156.16.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.

To Order: Specify finish, length and strike.

Dimensions:

Throw: 1-1/8"
Projection: 1-5/16"
Half Round Rod: 5/8"
Overall Width: 1-5/8"
Length: Specify 8", 12", 18", 24", 30", 34", 36", 42", 48", 54", 60" or 72"

353

- Heavy duty, decorative bolt ideal where extra strength required
- Swirled colonial 1-1/4" diameter knob designed to facilitate bolt operation
- Made from solid brass
- Available in 8", 12", 18", 24", 30", 36", 48", and 72" lengths. Bolts 18" and over are furnished with 3 guides. For B14, B15, B15A, B26 and B26D finishes, maximum rod length is 24".
- Specify desired strike: Universal Strike (US) or Mortise Strike (MS)
- Meets design requirements of ANSI/BHMA A156.16
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D

To Order: Specify finish, length and strike.

Dimensions:

Throw: 1-1/8"
Projection: 1-5/16"
Half Round Rod: 5/8"
Overall Width: 1-5/8"
Length: Specify 8", 12", 18", 24", 30", 36", 48", or 72"

Decorative Surface Bolts

354

- Heavy duty, decorative bolt ideal where extra strength required.
- Swirled colonial 1-1/4" diameter knob with decorative guides designed to facilitate bolt operation.
- Made from solid brass.
- Available in 8", 12", 18", 24", 30", 36", 48", and 60" lengths. Bolts 18" and over are furnished with 3 guides. For B14, B15, B15A, B26 and B26D finishes, maximum rod length is 24".
- Specify desired strike: Universal Strike (US) or Mortise Strike (MS).
- Meets design requirements of ANSI/BHMA A156.16.
- Finishes: B3, B4, B5, B10B, B14, B15, B15A, B26, B26D.

To Order: Specify finish, length and stike.

Dimensions:

Throw: 7/8"
Projection: 1-5/16"
Half Round Rod: 5/8"
Overall Width: 1-3/4"
Length: Specify 8", 12", 18", 24", 30", 36", 48", or 60"

Dutch Door Bolts

054 and 55

- Practical, rugged, attractive bolt for application on dutch doors as well as other areas.
- Chamfered rod end draws the two leaves of door tightly together.
- Sufficient tolerance provided in strike opening to allow for misalignment of door leaves and also prevents binding of bolt.
- 054 features decorative 1" diameter knob designed to facilitate bolt operation.
- 55 features swirled colonial 1-1/4" diameter knob designed to facilitate bolt operation.
- Made from solid brass.
- Packed with Standard Strike. Optional Mortise Strike (MS) for shelf door application available. Optional Universal Strike (US) also available.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.

To Order: Specify finish.

054

Dimensions:

Throw: 5/8"
Projection: 1-1/8"
Half Round Rod: 5/8"
Overall Width: 1-5/8"
Rod Length: 4-1/4"
Overall Length, including knob: 4-3/8"

55

Dimensions:

Throw: 5/8"
Projection: 1-5/16"
Half Round Rod: 5/8"
Overall Width: 1-9/16"
Rod Length: 4-1/4"
Overall Length, including knob: 4-1/2"

56

- Dutch Door Quadrant features decorative design.
- Combines artistry, engineering and craftsmanship to provide the most attractive and rugged dutch door quadrant available.
- Quadrant will not rattle. Assembled with heavy rivet and spring washer for constant tension to hold quadrant in position.
- Non-handed.
- Made from cast brass.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.

Dimensions:

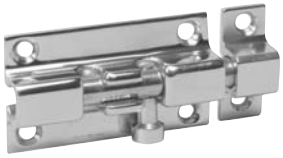
Projection: 1-1/4"
Base: 2-3/4" x 1-1/4"
Height: 4-1/2"
Width: 4-3/8"

Security Door Bolts

87

- Security Door Bolt is the ultimate in strength, simplicity, and security.
- Solid brass bolt is permanently housed in a precision designed extrusion of solid brass.
- Milled slot in bolt housing insures bolt remains locked or unlocked in spite of vibration.
- Non-handed.
- Made from solid brass.
- Packed with universal, surface, and angle strikes, and recessed head screws.
- Finishes: B3, B4, B5, B10, B10B, B15, B15A, B26, B26D.

To Order: Specify finish.



Dimensions:

Throw: 5/8"
Projection: 15/32"
Bolt Diameter: 5/16"
Overall Width: 1-1/4"
Length: 2-1/4"

Door Guards

481

- Chain Door Guard permits the door to be slightly opened to allow viewing.
- Narrow chain holder maintains chain in stationary position when door guard is not in use, eliminating marring of door and frame caused by dangling chain.
- Welded twist link steel chain finished to match door plate and chain holder.
- Meets design requirements of ANSI/BHMA A156.16.
- Made from wrought brass or burnished wrought steel.
- Packed with sheet metal screws.
- Finishes: B3, B4, B5, B10, B10B, B15, B26, B26D, F3, F5, F15.

Dimensions

Door Plate: 3-3/8" x 1-7/16"
Chain Holder: 3/4" x 1-15/16"
Chain Length: 4-3/4"

482

- Solid Bar Door Guard is for use on doors that are flush with frames.
- The solid bar, interlocking with the ball on the strike plate, permits the door to be slightly opened to allow viewing.
- The hinged bar allows the door guard to be positioned 180° away from the door when not in use.
- Edge guard, furnished with cast brass door guards, minimizes the chance for marring the door or frame.
- Strike plate is designed to prevent the solid bar from marring the inside of the door when in use.
- Easy installation.
- Meets ANSI/BHMA A156.16.
- Made from cast brass or cast aluminum.
- Packed with sheet metal screws.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D, A3, A5, A26, A26D.

To Order: Specify finish.

Dimensions of Cast Brass Door Guard

Strike Plate: 2-5/8" x 1-1/32"
Holder: 1-3/4" x 1-1/16"
Arm Length: 4-3/4"
Edge Guard: 1-1/8" x 1-1/32"

Dimensions of Cast Aluminum Door Guard

Strike Plate: 2-1/2" x 7/8"
Holder: 2-1/2" x 15/16"
Arm Length: 3-13/16"