

## 1000 Series - Euro Profile Escutcheon 1000EE/SREE

### Application:

- Euro profile escutcheon
- Suitable for use with euro profile locks
- Concealed fixings

### Specification:

|            |                                 |
|------------|---------------------------------|
| Reference  | 1000EE                          |
| Diameter   | 54mm                            |
| Projection | 1000EE - 10mm<br>1000SREE - 5mm |

### Features:

- Manufactured from Grade 316 steel

### Finishes:

- PS - Polished Stainless Steel
- SS - Satin Stainless Steel



### Ordering Code Example:

J - 1000 EE PS (10mm projection)  
J - 1000 SREE PS (5mm projection)  
(Boxed - Product Code - Style - Finish)

## 1000 Series - Oval-profile Escutcheon 1000OE

### Application:

- Oval-profile escutcheon
- Suitable for use with oval-profile locks
- Concealed fixings

### Specification:

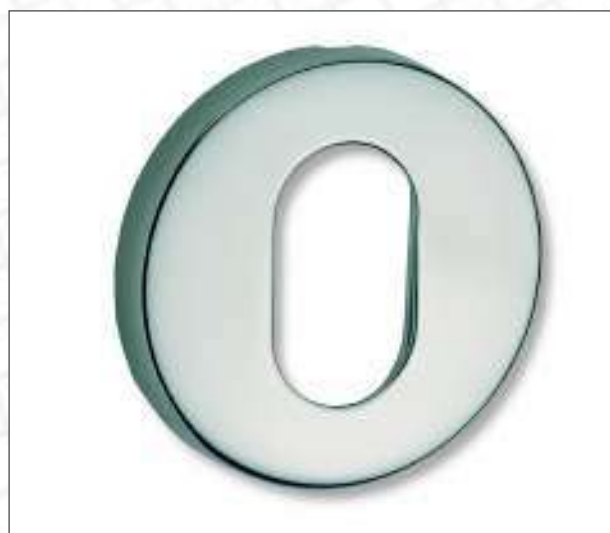
|            |        |
|------------|--------|
| Reference  | 1000OE |
| Diameter   | 54mm   |
| Projection | 10mm   |

### Features:

- Manufactured from Grade 316 steel

### Finishes:

- PS - Polished Stainless Steel
- SS - Satin Stainless Steel



### Ordering Code Example:

J - 1000 OE PS  
(Boxed - Product Code - Style - Finish)

**PRODUCT**

Extruded EPDM cellular rubber weather sealing strip with "P" profile. With PSA pressure sensitive adhesive tape to back. NOT suitable for use on fire rated doors. Quick, easy and clean to apply to frame head and jambs.

**TYPICAL APPLICATIONS**

Windows & doors : Draught excluder for medium gaps in older frames

**ADVANTAGES**

- Quick, easy and clean to use
- Very good aging properties
- Good resistance to solvents
- Available in 2 different COIL LENGTHS
- Mounting can be strengthened with stitches
- Free from harmful substances

**TECHNICAL DATA**

|                              |                             |
|------------------------------|-----------------------------|
| Density :                    | 0,25-0,40 g/cm <sup>3</sup> |
| Nominal :                    | 0,28 g/cm <sup>3</sup>      |
| Compressive force to reduce: |                             |
| - 25% =                      | 0,65 N/cm                   |
| - 40% =                      | 1,2 N/cm                    |
| Temp resistance :            | -50°C to +90°C              |
| Health hazard :              | None                        |
| Water absorption :           | Negligible                  |
| Resistance to ozone :        | Excellent                   |

| REF    | HEIGHT | WIDTH | LENGTH | FRAME GAP |
|--------|--------|-------|--------|-----------|
| P-5509 | 5.5mm  | 9mm   | 100m   | 3-5mm     |
| P-5509 | 5.5mm  | 9mm   | 160m   | 3-5mm     |

**PROPERTIES**

|             |                           |
|-------------|---------------------------|
| Material :  | Flexible EPDM Rubber      |
| Sizes :     | 5.5mm high only           |
| Coil size : | 100M and 160M coils       |
| Colours :   | Black, brown, white       |
| ADHESION :  | Excellent on dry surfaces |

**APPLICATION**

|                       |  |
|-----------------------|--|
| Application temp :    | Higher than 0°C                                    |
| Application :         | By hand directly from reel                         |
| Surface preperation : | Must be clean, dry, and free from grease and dust. |

**SHELF LIFE**

Up to 9 months from date of manufacture under normal storage conditions.



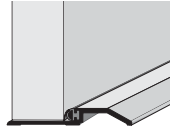
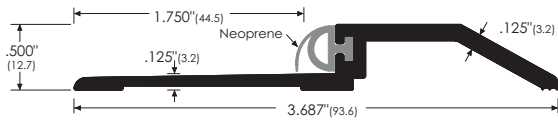
# ZERO RABBETED THRESHOLDS

Sizes: 914mm (3 ft), 1219mm (4 ft), 1829mm (6 ft), 2134mm (7 ft), 3048mm (10 ft). Other sizes available to order, maximum 3048mm.

Finishes: A=mill aluminium, B=self colour brass (aka US bronze), D=dark bronze anodised, E=epoxy, STST=stainless steel, V3=full body strength where indicated.

Replacement black flipper gasket available.

Availability: usually ex-stock except items marked with an asterisk, which are to special order (2-3 weeks) depending on quantity.



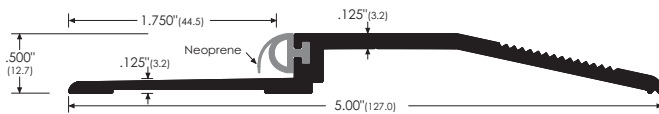
## 564A, 564B, 564D

94mm wide x 12.7mm high rabbeted threshold with black neoprene seal

564A Aluminium, mill finish

564B Brass, self colour

564D\* Dark bronze anodised

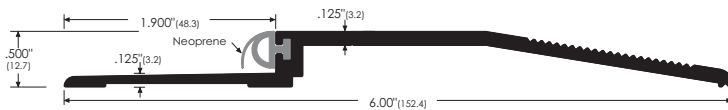


## 566A, 566B

127mm wide x 12.7mm high rabbeted threshold with black neoprene seal

566A Aluminium, mill finish

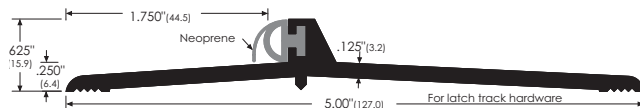
566B Brass, self colour



## 568A

152mm wide x 12.7mm high rabbeted threshold with black neoprene seal

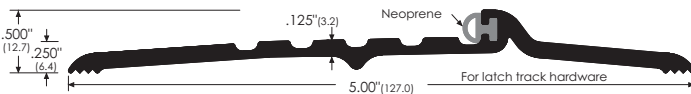
568A Aluminium, mill finish



## 265A

127mm wide x 15.9mm high latchtrack rabbeted threshold with black neoprene seal, for use with pullman panic bolts

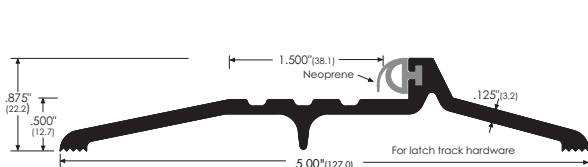
265A Aluminium, mill finish



## 65A

127mm wide x 12.7mm high latchtrack rabbeted threshold with black neoprene seal, for use with pullman panic bolts

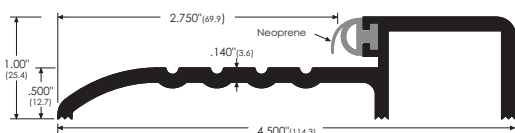
65A Aluminium, mill finish



## 560A

127mm wide x 22mm high latchtrack rabbeted threshold with black neoprene seal, for use with pullman panic bolts

560A Aluminium, mill finish



## 561A

114mm wide x 25mm high bulkhead rabbeted threshold with black neoprene seal

561A Aluminium, mill finish

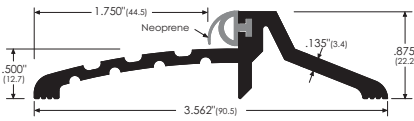
# ZERO RABBETED THRESHOLDS

Sizes: 914mm (3 ft), 1219mm (4 ft), 1829mm (6 ft), 2134mm (7 ft), 3048mm (10 ft). Other sizes available to order, maximum 3048mm.

Finishes: A=mill aluminium, B=self colour brass (aka US bronze), D=dark bronze anodised, E=epoxy, STST=stainless steel, V3=full body strength where indicated.

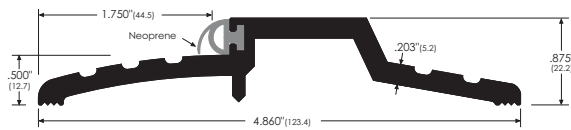
Replacement black flipper gasket available.

Availability: usually ex-stock except items marked with an asterisk, which are to special order (2-3 weeks) depending on quantity.



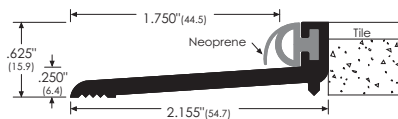
## 563A

90mm wide x 22mm high rabbeted threshold with black neoprene seal  
563A Aluminium, mill finish



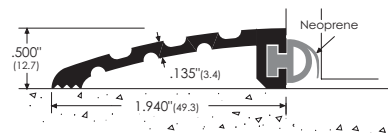
## 565A

123mm wide x 22mm high rabbeted threshold with black neoprene seal  
565A Aluminium, mill finish



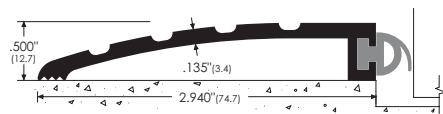
## 267A

54mm wide x 16mm high rabbeted half threshold with black neoprene seal  
267A Aluminium, mill finish



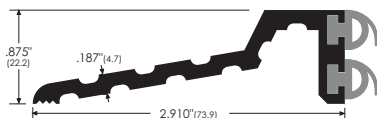
## 627A

50mm wide x 12.7mm high half threshold with black neoprene seal  
627A Aluminium, mill finish



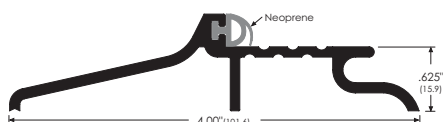
## 628A

75mm wide x 12.7mm high half threshold with black neoprene seal  
628A Aluminium, mill finish



## 524A

74mm wide x 22mm high half threshold with black double neoprene seal  
524A\* Aluminium, mill finish



## 73A

102mm wide x 25mm high rabbeted threshold with black neoprene seal  
73A\* Aluminium, mill finish

# ASSA ABLOY DC 300

Variable adjustable closing force (EN 3-6)

Rack and pinion closer with link arm L190 (size 2-4)

- Suitable for fire and smoke protection doors
- For single action doors up to 1400 mm wide



## **Product Features**

- Can be used with integrated concealed mounting plate
- Can be used for left and right hand doors
- Link arm height-adjustable up to 14 mm
- Adjustable door speed, latching speed and backcheck from front facing regulator valves
- Thermodynamic valves for consistent performance
- Variable adjustable closing force
- Opening angle up to 180°
- Effective backcheck and latching speed range adjustable
- Accessories for established installation types
- Large range of applications
- Standard colours: silver,
- Customized finishes available on request

## **Specification Data**

- Variable adjustable closing force: EN 3-6
- Door widths up to: 1400 mm
- DIN door swing direction: left / right hand door
- Closing speed: Variable between 180°-0°
- Latching speed: Variable between 15°-0°
- Backcheck: Variable above 75°
- Hold-open mode (with hold-open link arm L191): Adjustable 75°-150°, can be enabled and disabled
- Weight: 2.4 kg
- Height: 60 mm
- Depth: 47 mm
- Length: 260 mm

# Cylinders - Traditional

## Euro Profile - Single Cylinder

# 2X20

### Application:

- Single keyed cylinder
- For use with euro profile lock cases

### Operation:

- Key operated to lock or unlock

### Keying:

- Extensive differs, available both 5 or 6 pin
- May be supplied to differ, keyed alike or keyed to pass
- May be supplied master keyed
- Construction keying, clutch release and classroom functionality available
- Can be keyed with other cylinder products such as padlocks, outside locking devices and cabinet locks, which use the same key section
- For master key information see pages 0.8 and 0.9 or check with the UNION area manager responsible for your area
- Supplied with 3 steel nickel plated keys as standard. Masterkeyed products supplied with nickel silver keys
- Please advise when ordering if the cylinder is for use with an outside access device

### Cylinder lengths:

See table opposite

### Cylinder compatibility:

Please check cylinder compatibility when specifying non UNION lock cases.

### Key Blank number:

KB502

### Finishes:

- SC - Satin Chrome
- PL - Brass
- CH - Polished Chrome

### Standards:

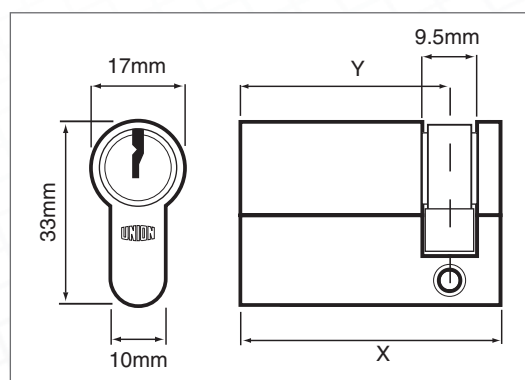


(2X42 only)

### Ordering Code Example:

J 2X20 - SC - A

(Boxed - Product - Finish - Cylinder Size)



| Order Size | Overall Cylinder Length | To Centre of Cam | 5/6 pin    |
|------------|-------------------------|------------------|------------|
|            | X                       | Y                |            |
| A          | 40.0                    | 32.4             | 5 pin only |
| B          | 44.5                    | 36.8             | 5/6 pin    |
| C          | 48.9                    | 41.2             | 5/6 pin    |
| D          | 53.2                    | 45.5             | 5/6 pin    |
| E          | 57.6                    | 49.9             | 5/6 pin    |
| F          | 62.0                    | 54.3             | 5/6 pin    |
| G          | 66.3                    | 58.6             | 5/6 pin    |
| H          | 70.7                    | 63.0             | 5/6 pin    |
| J          | 77.7                    | 70.0             | 5/6 pin    |
| K          | 87.7                    | 80.0             | 5/6 pin    |
| L          | 92.7                    | 85.0             | 5/6 pin    |

## Euro Profile - Single Cylinder and Turn

# 2X39 / 2X41 / 2X42 2X50 / 2X72

### Application:

- Single thumb-turn cylinder
- For use with euro profile lock cases

### Operation:

- Turn to lock or unlock
- Choice of 5 different cylinder turns

- Large flat turn (2X42) facilitates easy access and assists in fulfilling duties required under the Disability Discrimination Act (DDA)
- For information on keying, cylinder lengths, key blanks, finishes and standards please see above

### Ordering:

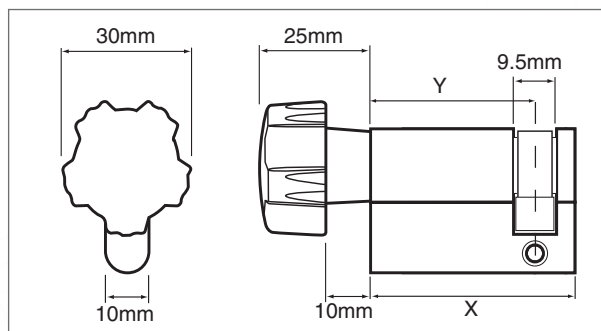
- For ordering code example see page 7A.7

# Cylinders - Traditional

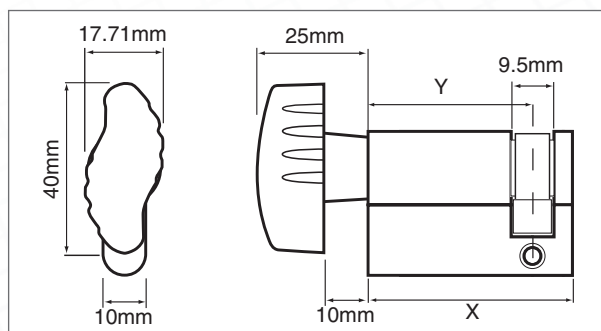
## Euro Profile - Turn Options

2X39 / 2X41 / 2X42  
2X50 / 2X72

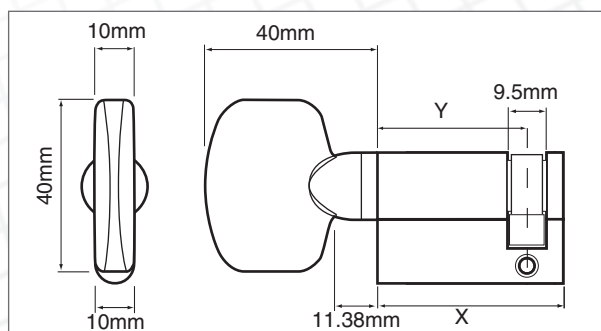
Reference: 2X39 - Round turn



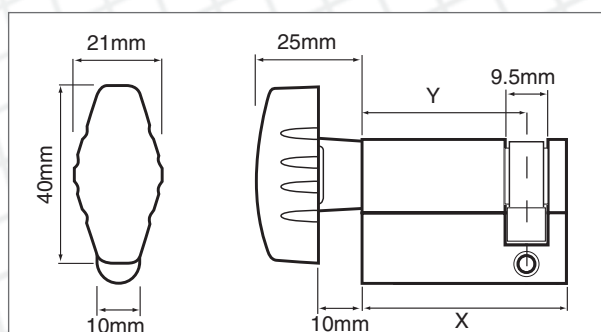
Reference: 2X41 - Wave turn



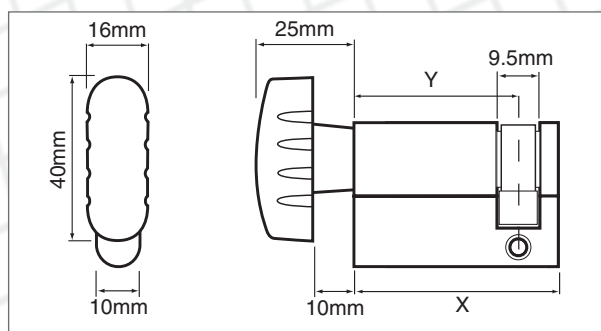
Reference: 2X42 - Large turn



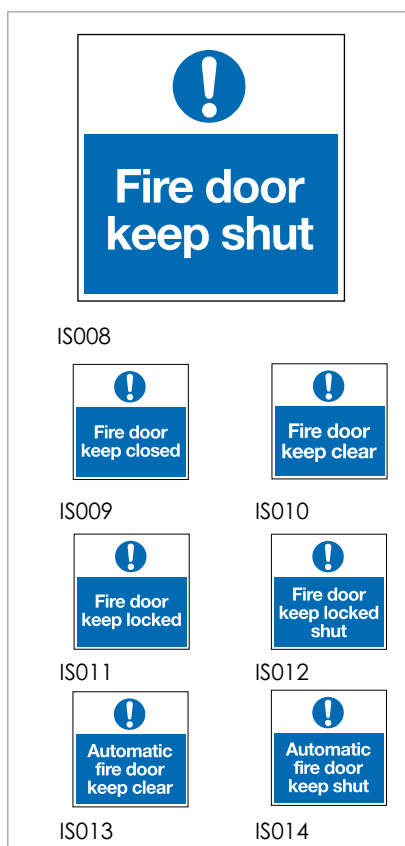
Reference: 2X50 - Diamond turn



Reference: 2X72 - Signature turn



# Mandatory



Mandatory discs and fire exit signage conform to BS 5499.

76mm dia drilled and countersunk or self adhesive fixed.

- IS001 Fire Door Keep Shut.
- IS002 Keep Locked Shut.
- IS003 Automatic Fire Door Keep Clear.
- IS004 Fire Door Keep Closed.
- IS005 Fire Door Keep Locked.
- IS006 Fire Door Keep Locked Shut.
- IS007 This Door Is Alarmed.

80x80mm vinyl and rigid plastic signage.

- IS008 Fire Door Keep Shut.
- IS009 Fire Door Keep Closed.
- IS010 Fire Door Keep Clear.
- IS011 Fire Door Keep Locked.
- IS012 Fire Door Keep Locked Shut.
- IS013 Automatic Fire Door Keep Clear.
- IS014 Automatic Fire Door Keep Shut.



IS201

Emergency exit signs to BS 5499. Typically 600x200mm or 450x150mm.



IS202



IS203

- IS201 Push bar to open.
- IS202 Fire exit running man with directional arrow, up, down, left or right.

Fire fighting signs to BS 5499. Typically 200x150mm.

- IS203 Examples of signs available. Please contact us for more information.

Photoluminescent signage. Available drilled for screw fix or with self adhesive as required.

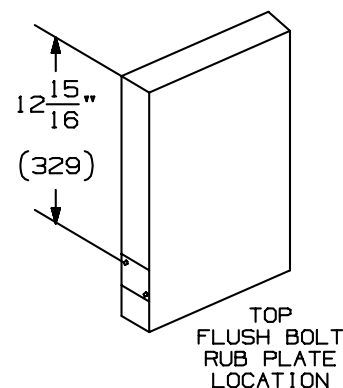
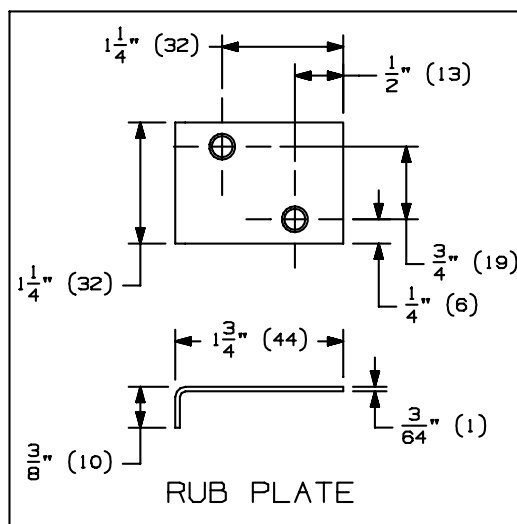
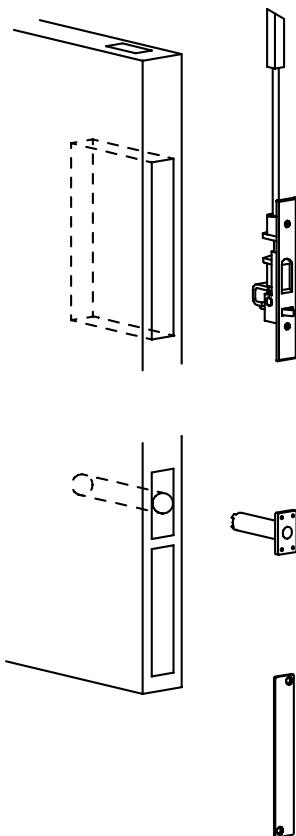
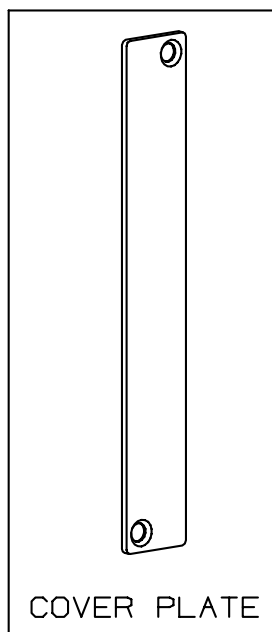
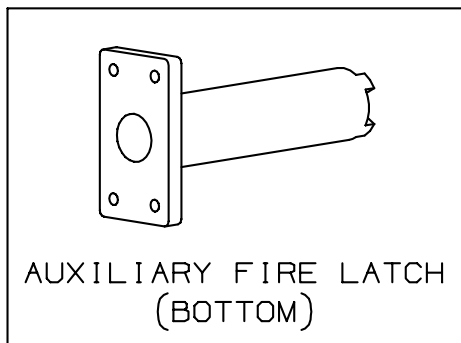
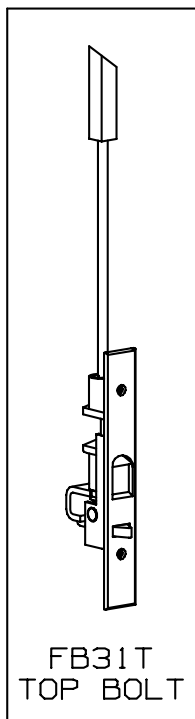


IS204



IS205

- IS204 Examples of signs available. Please contact us for more information.
- IS205 80x80mm self adhesive floor disc markers.



# FB53 INSTALLATION INSTRUCTIONS:

1. FB51 FLUSH BOLT FITS ANSI 115.4 DOOR AND FRAME PREPARATION.
2. REMOVE DOOR. INSTALL FB51T (TOP) FLUSH BOLT IN EDGE OF DOOR. THREAD ROD WITH BOLT INTO TUBE OF FLUSH BOLT AND ADJUST BOLT SO IT IS FLUSH WITH THE TOP OF DOOR WHEN RETRACTED AND BEVEL IS TOWARDS THE PUSH SIDE OF DOOR. FLUSH
3. INSTALL TOP GUIDE.
4. INSTALL TOP STRIKE IN STANDARD ANSI FRAME PREPARATION.
5. INSTALL RUB PLATE ON EDGE OF ACTIVE DOOR ON CAM CENTERLINES.
6. INSTALL FACE PLATE.
7. DRILL 4 HOLES WITH #36 DRILL AND  $1\frac{7}{8}$ " HOLE ON INACTIVE DOOR FOR AUXILIARY FIRE LATCH (AS SHOWN ON SHEET 3).
8. DRILL 1" HOLE IN ACTIVE DOOR FOR AUXILIARY FIRE LATCH (AS SHOWN ON SHEET 3).
9. INSTALL AUXILIARY FIRE LATCH WITH 4 SCREWS.
10. INSTALL AUXILIARY FIRE LATCH HOLE PLUG.
11. INSTALL COVER PLATE IN EXISTING BOTTOM FLUSH BOLT PREP WITH 2 SCREWS.

## FIELD ADJUSTMENT

### VERTICAL ROD ADJUSTMENT:

- A. TOP FLUSH BOLT: REMOVE GUIDE, TURN BOLT CLOCKWISE OR COUNTERCLOCKWISE AS NECESSARY TO ADJUST, REPLACE GUIDE.

### NOTE:

1. INSTALL COORDINATOR BEFORE CONSTANT LATCHING FLUSH BOLTS.
2. THE RECOMMENDED CLEARANCE BETWEEN DOORS IS  $\frac{1}{8}$ " (3).
3. CERTIFIED PERSONNEL SHOULD PERFORM FIELD PREP FOR AUXILIARY FIRE LATCH.

## SCREW DETAILS

|                         | QTY | MACHINE SCREWS                | SHEET METAL SCREWS                                  |
|-------------------------|-----|-------------------------------|---|
| HOUSING                 | 4   | 8-32 X $\frac{3}{8}$ " UFPHMS | ----  |
| FACE PLATE              | 2   | 6-32 X $\frac{3}{8}$ " UFPHMS | ----  |
| TOP STRIKE              | 2   | 8-32 X $\frac{3}{4}$ " UFPHMS | #8 X $\frac{3}{4}$ " FPHSMS<br>W/PLASTIC EXP SHIELD |
| RUB PLATE               | 2   | ----                          | #6 X $\frac{3}{4}$ " FPHSMS                         |
| GUIDE                   | 2   | 8-32 X $\frac{3}{8}$ " UFPHMS | ----  |
| AUXILIARY<br>FIRE LATCH | 4   | ----                          | #6 X $\frac{3}{4}$ " FPHSMS                         |
| COVER PLATE             | 2   | 8-32 X $\frac{3}{8}$ " UFPHMS | ----  |

IVES

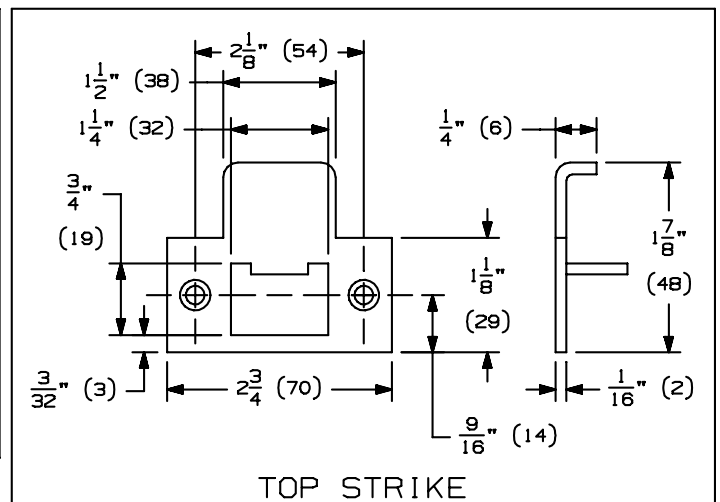
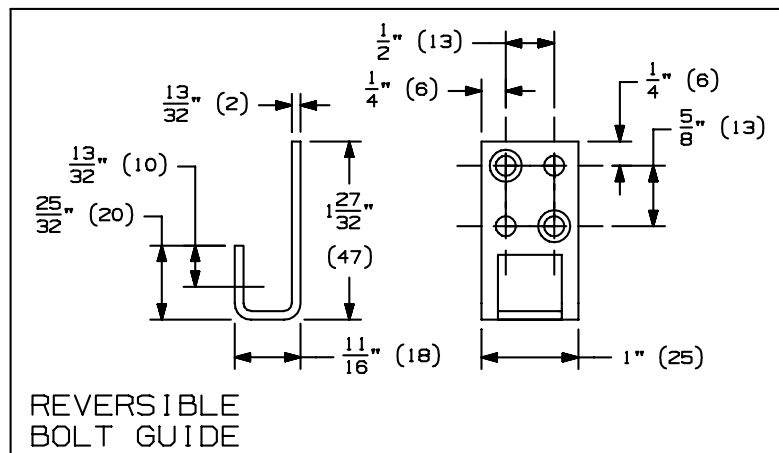
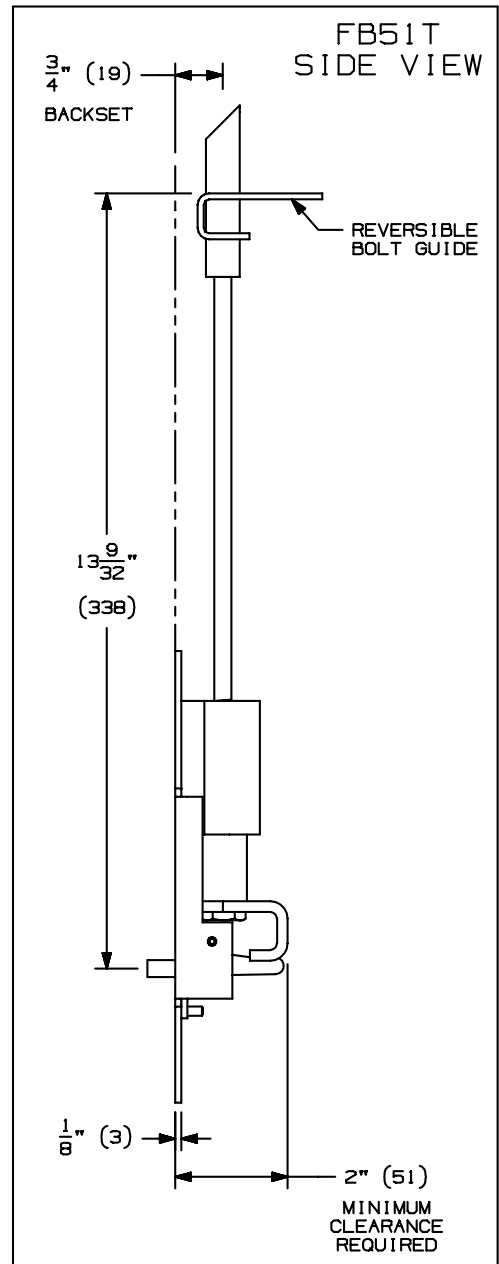
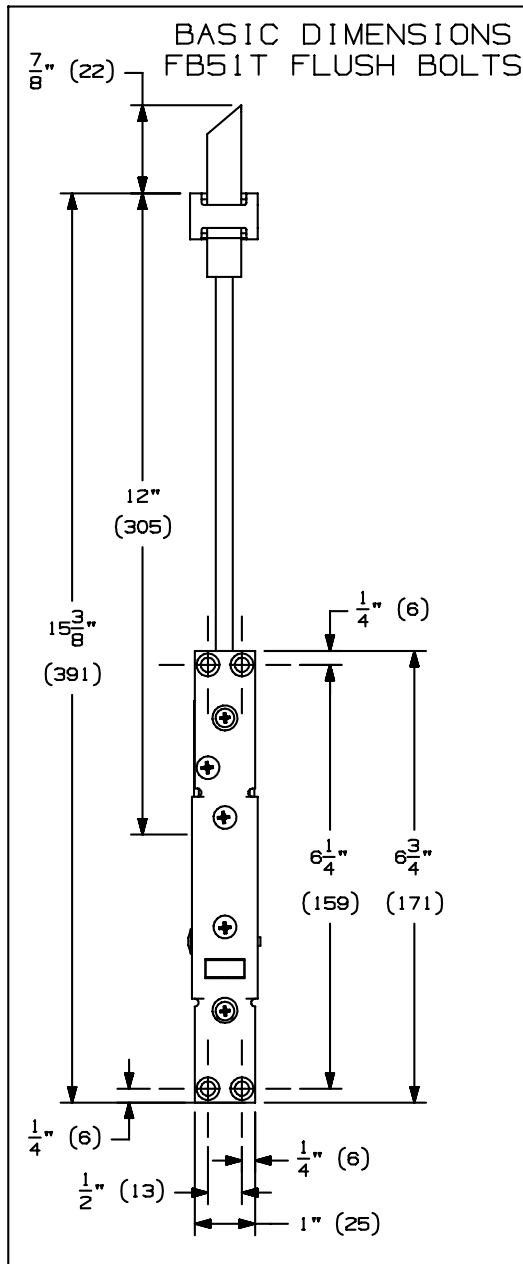
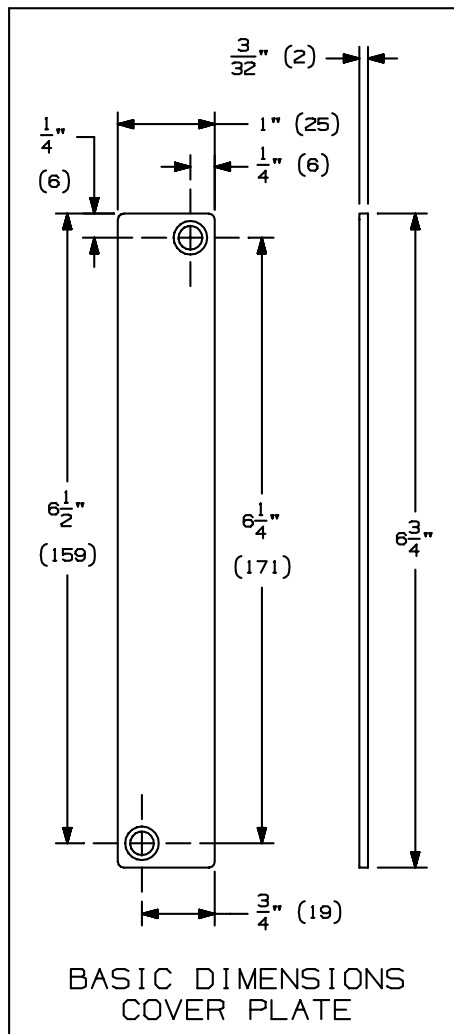
FB53 CONSTANT LATCHING FLUSH BOLT  
WITH AUXILIARY FIRE LATCH  
FOR METAL DOORS  
INSTALLATION TEMPLATE

**IR Security & Safety®**

NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.

TEMPLATE  
NUMBER: INST.FB53\_0.PG1

DATE:  
09-01-01



**IVES** FB53 CONSTANT LATCHING FLUSH BOLT  
WITH AUXILIARY FIRE LATCH  
FOR METAL DOORS  
INSTALLATION TEMPLATE

**IR Security & Safety®**

NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.

TEMPLATE  
NUMBER: INST.FB53\_0.PG2

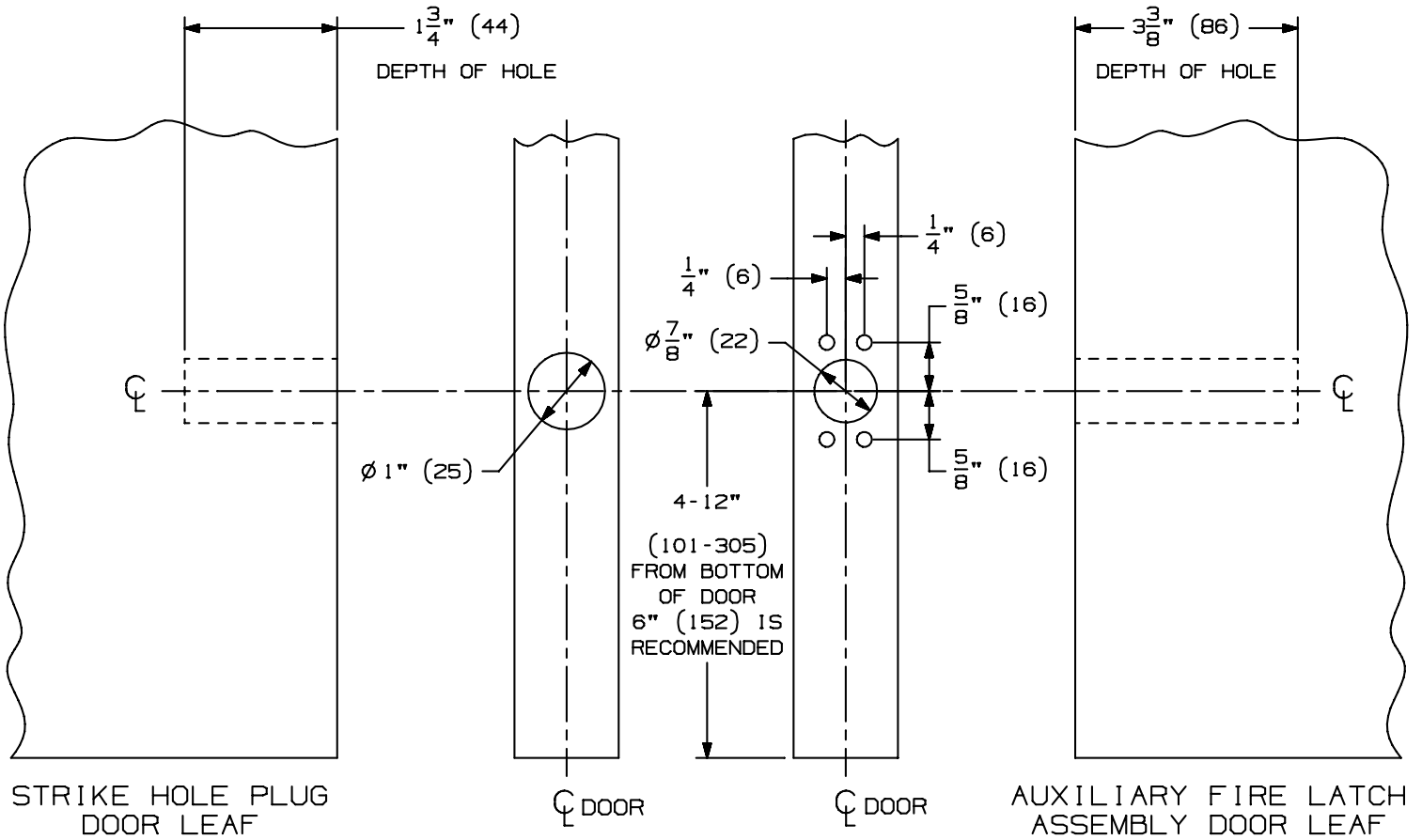
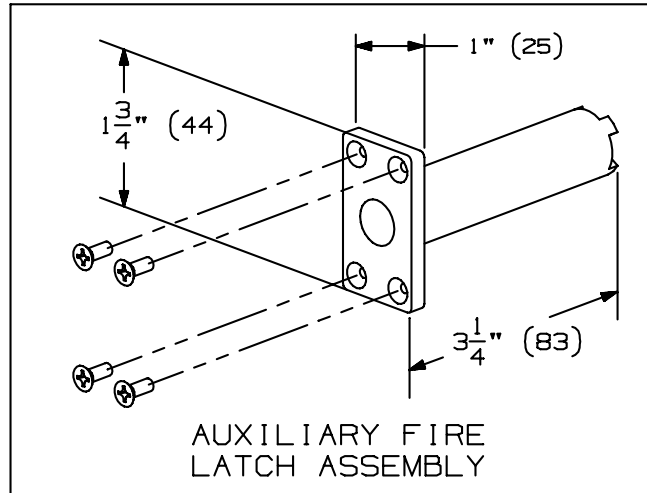
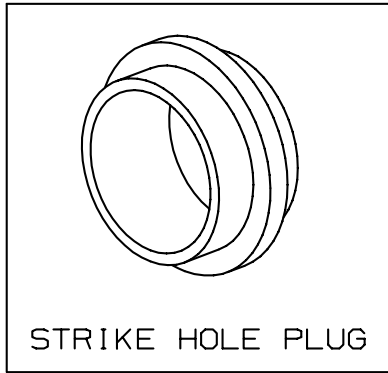
DATE:  
09-01-01

LBB FIRE LATCH FOR USE ONLY WITH IVES  
FB32, FB33, FB42, FB52, FB53 AND FB62 FLUSH BOLTS

NOTE:

IT DOES NOT MATTER WHICH DOOR LEAF THE AUXILIARY FIRE LATCH IS INSTALLED. HOWEVER, THE LATCH MUST BE INSTALLED TO MAINTAIN FIRE LISTING. THE PURPOSE OF THE AUXILIARY FIRE LATCH ASSEMBLY IS TO KEEP THE DOORS IN ALIGNMENT DURING A FIRE. IN A FIRE, THE BOLT EXTENDS FROM THE AUXILIARY FIRE LATCH INTO THE STRIKE HOLE IN THE OPPOSITE DOOR LEAF. THE BLACK CAP VISIBLE ON THE FACE OF THE LATCH MUST MELT IN ORDER FOR THE BOLT TO EXTEND, THEREFORE:

DO NOT COVER THE DOOR GAP AT THE AUXILIARY FIRE LATCH  
WITH A DOOR EDGE GUARD OR SIMILAR DEVICE.



**IVES** FB53 CONSTANT LATCHING FLUSH BOLT  
WITH AUXILIARY FIRE LATCH  
FOR METAL DOORS  
INSTALLATION TEMPLATE

**IR Security & Safety®**

NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.

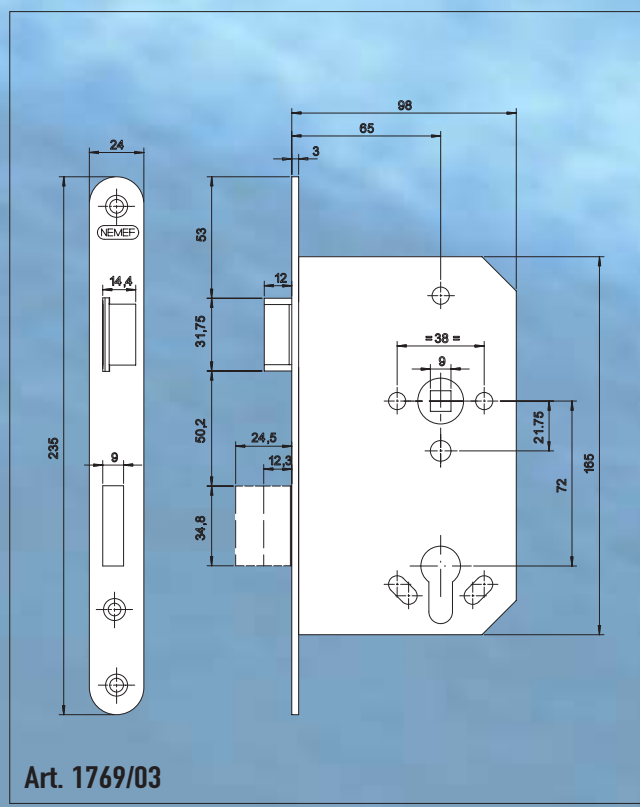
TEMPLATE  
NUMBER: INST.FB53\_0.PG3

DATE:  
09-01-01

## 1769 Series



Fire-resistant mortise lock according to  
DIN 18250, up to T 120 (part I) and EN 179, handed



## Specifications

- For European profile cylinder
- Key action on latch bolt
- Double throw dead bolt
- One-piece follower
- Two-piece follower (Art. 1769/46)
- Without strike plate

## Art. 1769/36

Furniture with fixed knob outside is required.

In unlocked position latch bolt retracts from the outside only by key action, from the inside by lever handle. In locked position lever handle retracts latch- and dead bolt simultaneously from inside (panic function). Bolts operated from outside by cylinder key only.

## Art. 1769/46

Furniture with split spindle is required.

In unlocked position, latch bolt is operated from both sides by lever handle/key action. In locked position, inside lever handle retracts latch- and dead bolt simultaneously. Outside lever handle retracts latch bolt only. Dead bolt operated by cylinder key.

## Available on request

- 22 mm profile cylinder hole
- Strike plate Art. P 1769/66 zinc-plated (reversible) or Art. P 1769/17 stainless steel (handed) (page 21)
- Reduction sleeve 9/8 mm (Art. 1769/21)

|   | 1769/03 | 1769/08 | 1769/13 | 1769/16 | 1769/23 | 1769/24 | 1769/25 | 1769/26 | 1769/31 | 1769/32 | 1769/33 | 1769/35 | 1769/36 | 1769/46 | 1769/56 | 1769/76 | 1769/77 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Backset 65 mm   | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Distance 72 mm  | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Profile cylinder  | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| 9 mm follower   | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| 8 mm follower   |         | •       |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Steel, zinc-plated front plate<br>24 x 235 mm rounded         | •       | •       |         | •       |         |         |         |         |         |         | •       |         | •       | •       |         | •       | •       |
| Steel, zinc-plated front plate<br>24 x 235 mm square          |         |         | •       |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Stainless steel front plate<br>24 x 235 mm rounded            |         |         |         |         | •       | •       | •       |         |         |         |         | •       |         | •       |         |         |         |
| Neutral steel, zinc-plated front plate<br>20 x 235 mm rounded |         |         |         |         |         |         |         |         | •       |         |         |         |         |         |         |         |         |
| Neutral stainless steel front plate<br>20 x 235 mm rounded    |         |         |         | •       |         |         |         |         | •       |         |         |         |         |         |         |         |         |
| Steel, zinc-plated lock case                                  | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Zinc-plated latch bolt  | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Steel, nickel-plated latch bolt                               |         |         |         | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Zinc-plated dead bolt   | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Steel, nickel-plated dead bolt                                |         |         |         | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Latch only  |         |         |         |         | •       |         |         |         | •       |         |         |         |         |         |         |         |         |
| Dead bolt only  |         |         |         |         |         | •       |         |         | •       |         |         |         |         |         |         |         |         |
| Key action on latch bolt                                      | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Double throw  | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |
| Anti panic one-piece follower                                 |         |         |         |         |         |         |         |         |         |         |         | •       | •       |         |         |         |         |
| Anti panic two piece follower                                 |         |         |         |         |         |         |         |         |         |         |         |         |         | •       | •       | •       | •       |
| Panic function inwards  |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         | •       | •       |
| Packed per piece  |         |         |         | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       | •       |

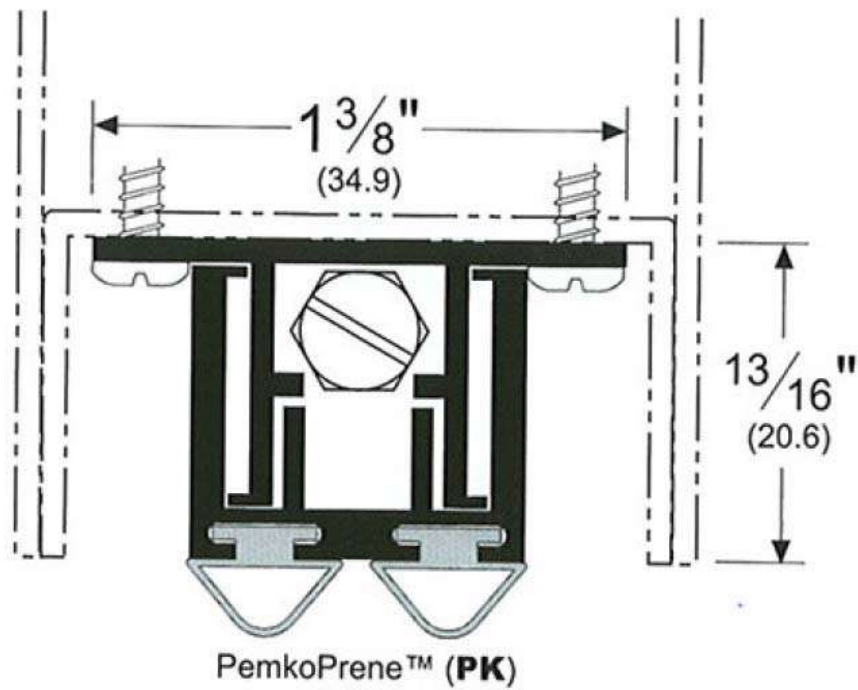
## Pemko Drop Seal

**420\_PKL** 

AVAILABLE FINISHES: A

For hollow metal doors.

Maximum drop is 1/2".



## 1000 Series

## 1000RRS01 / 1000RRU01

### Application:

- For wooden doors between 32 and 50mm thick
- 19mm diameter handle
- Sprung or un-sprung - please state when ordering
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

### Operation:

- Lever handle

### Specification:

|                   |   |
|-------------------|---|
| Reference         | 1000RRS01 - sprung<br>1000RRU01 - un-sprung |
| Handle Length     | 140mm                                       |
| Handle Projection | 55mm  |
| Rose Diameter     | 54mm  |
| Rose Projection   | 10mm - sprung<br>8.5mm - un-sprung          |

### Accessories:

- 1000-OE - Oval-profile escutcheon
- 1000-EE - Euro-profile escutcheon
- 1000-ER - Emergency release
- 1000-T - Standard thumbturn
- 1000-LT - Large turn bar
- 1000-ST - Small thumbturn
- 1000-BR - Blind rose
- 1000-LK - Lever key escutcheon
- 1000-CPE - Euro rim cylinder pull
- 1000-RP - Circular flush pull

For accessories please refer to section 5D

### Features:

- Manufactured from Grade 316 steel



### Finishes:

- PS - Polished Stainless Steel
- SS - Satin Stainless Steel

### Standards:

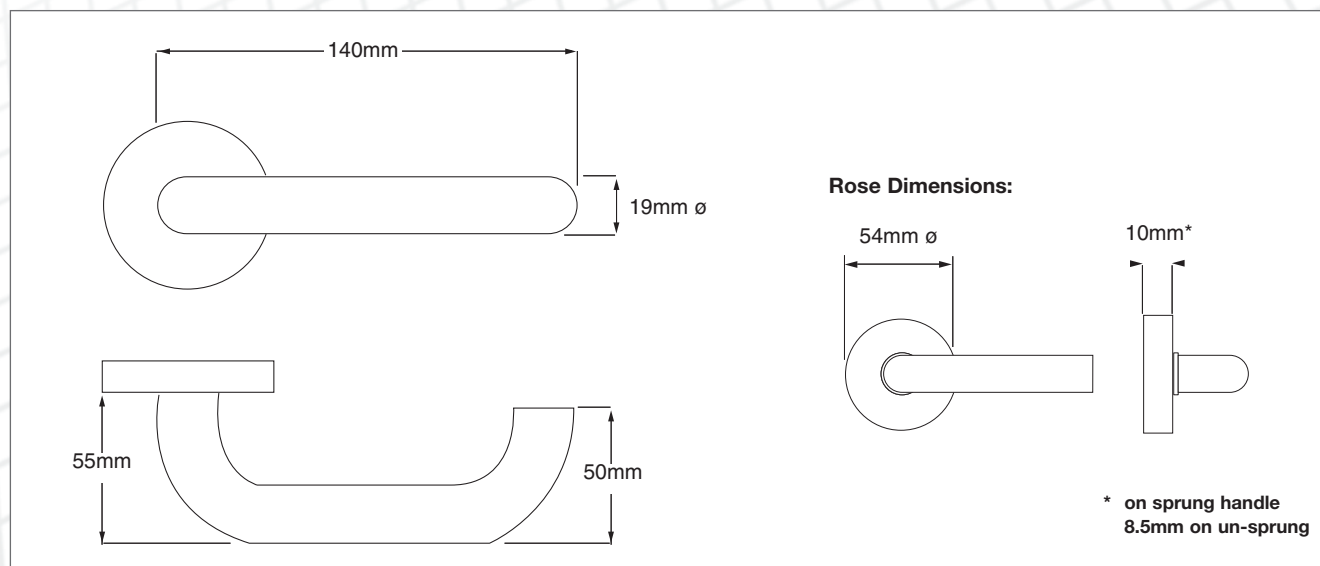


- Assists in fulfilling duties required under the Disability Discrimination Act (DDA). Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background.

### Ordering Code Example:

J - 1000RR S 01 PS

(Boxed - Product Code - Springing - Style - Finish)



## Ball Bearing Butt Hinges

High performance ball bearing butt hinges

### Application

High performance ball bearing butt hinge suitable for severe duty applications and for use on doors which are subject to frequent violent usage e.g. where deliberate abuse is likely or where there is potential for persistent violent attack.

### Performance

- EN1935:2002 performance tested to 200,000 cycles on 120kg door mass
- Ball bearing race ideal for applications within door closing devices
- Tested to meet very high corrosion resistance levels
- 180° angle of opening
- Dogbolt hinge with a security stud to resist attack

| Features and Benefits   |
|---|
| • Square corner hinges available as either standard or dogbolt variant                    |
| • Ball bearing race for improved durability   |
| • 304 stainless steel provides improved corrosion resistance                              |
| • Dogbolt variant resists attack on outward opening external doors                        |
| • Stainless steel bearings and pin for improved corrosion resistance                      |
| • Drill pattern fixing ideal for metal door applications                                  |
| • Available with no.3 M6 stainless steel machine screws for superior corrosion resistance |
| • Sold in packs of 20 for ease of factory/contract installation (screws sold separately)  |

### Testing and Standards

Third party tested to BS EN 1935:2002. Achieves grade 13.

|   |   |   |    |   |   |   |    |
|---|---|---|----|---|---|---|----|
| 4 | 7 | 6 | 1* | 1 | 4 | 0 | 13 |
|---|---|---|----|---|---|---|----|

Standard Hinge

|   |   |   |    |   |   |   |    |
|---|---|---|----|---|---|---|----|
| 4 | 7 | 6 | 1* | 1 | 4 | 1 | 13 |
|---|---|---|----|---|---|---|----|

Dogbolt Security Hinge



Certificate number:

1720 - CPD - 0034 (Standard hinge) 1720 - CPD - 0035 (Dogbolt Security Hinge)

\* Included in fire test to BS EN 1634-1

### Finish

Product available in:

- Satin Stainless Steel

### Product Codes

#### Standard Hinge

- JH-BB-STD-M-SS

#### Dogbolt Security Hinge

- JH-BB-DOG-M-SS

(Product code - packaging - finish)

