

Stainless Steel Accessories

1000 Series - Euro Profile Escutcheon 1000EE/SREE

Application:

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

Specification:

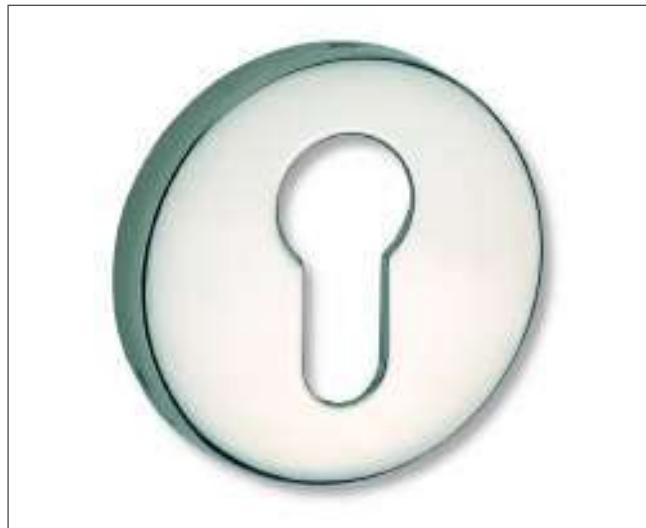
Reference	1000EE
Diameter	54mm
Projection	1000EE - 10mm 1000SREE - 5mm

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:

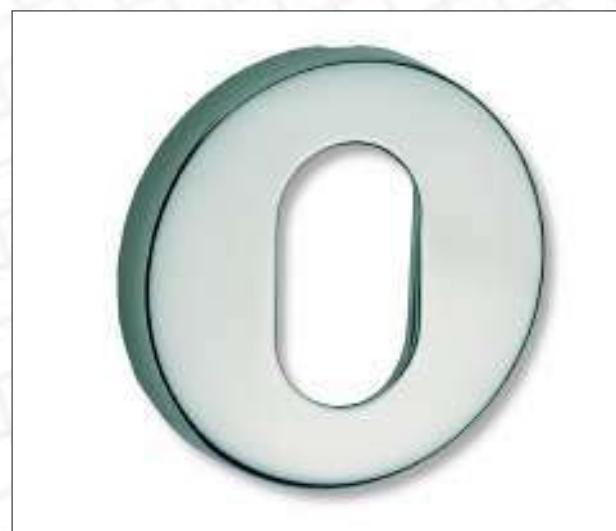
Reference	1000OE
Diameter	54mm
Projection	10mm

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 ³
Nominal :	0,28 g/cm ³
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 preparation :	Must be clean, dry, and free from grease and dust.

SHELF LIFE

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



PSA BACKING

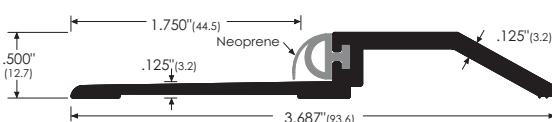
ZERO RABBETED THRESHOLDS

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.



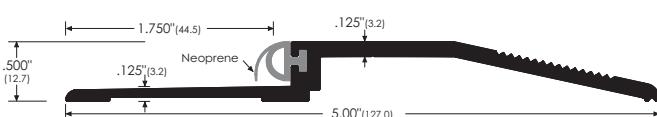
564A, 564B, 564D

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

564A Aluminium, mill finish

564B Brass, self colour

564D* Dark bronze anodised

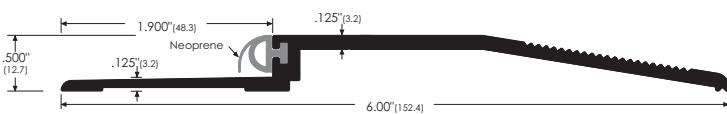


566A, 566B

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

566A Aluminium, mill finish

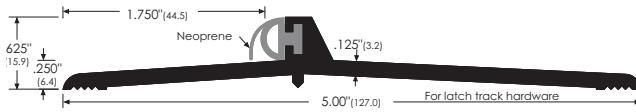
566B Brass, self colour



568A

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

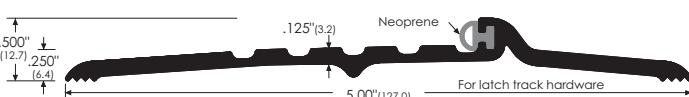
568A Aluminium, mill finish



265A

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

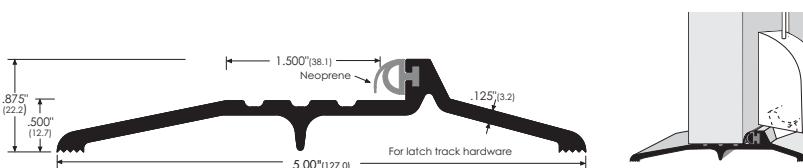
265A Aluminium, mill finish



65A

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

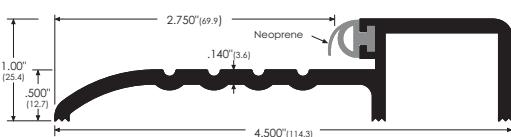
65A Aluminium, mill finish



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

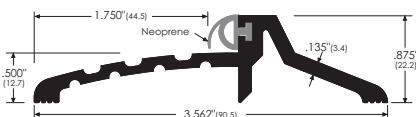
ZERO RABBETED THRESHOLDS

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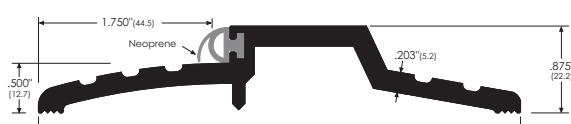
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Replacement black flipper gasket available.

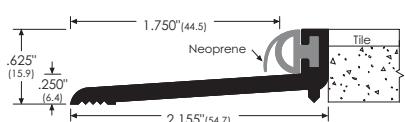
Availability: usually ex-stock except items marked with an asterisk, which are to special order (2-3 weeks) depending on quantity.

**563A**

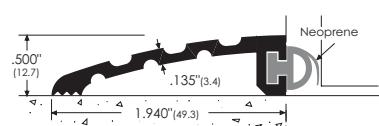
90mm wide x 22mm high rabbeted threshold with black neoprene seal
563A Aluminium, mill finish

**565A**

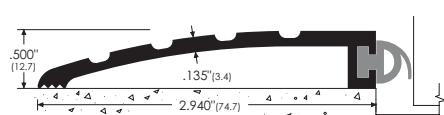
123mm wide x 22mm high rabbeted threshold with black neoprene seal
565A Aluminium, mill finish

**267A**

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

**627A**

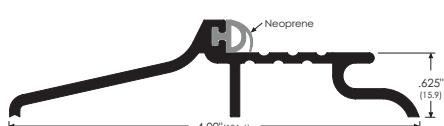
50mm wide x 12.7mm high half threshold with black neoprene seal
627A Aluminium, mill finish

**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:

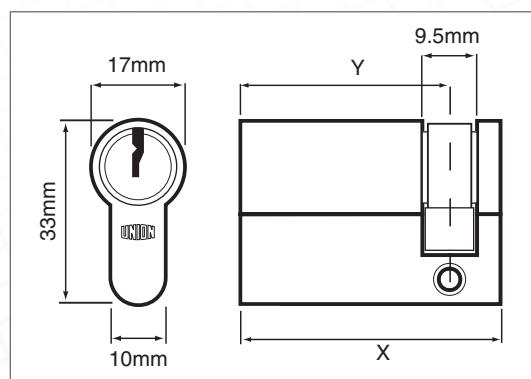


(2X42 only)

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:

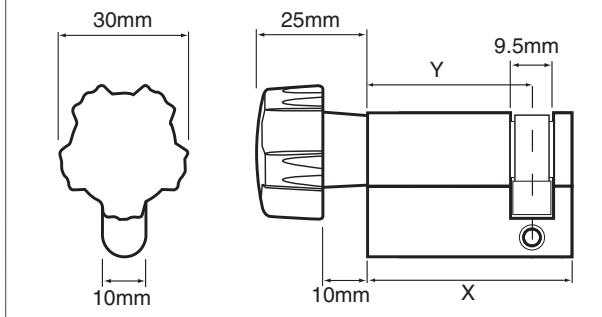
- For ordering code example see page 7A.7

Cylinders - Traditional

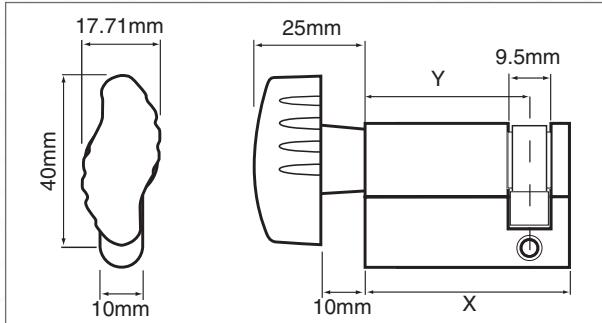
Euro Profile - Turn Options

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

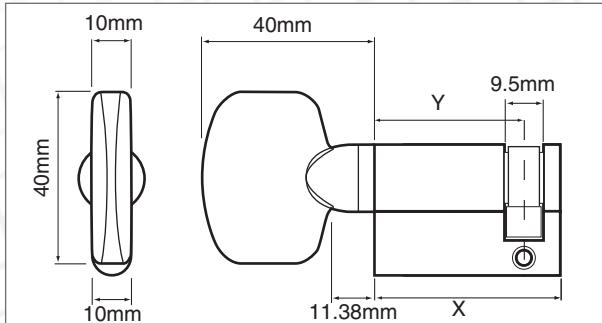
Reference: 2X39 - Round turn



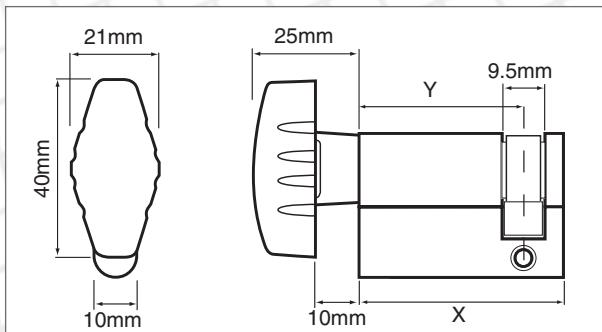
Reference: 2X41 - Wave turn



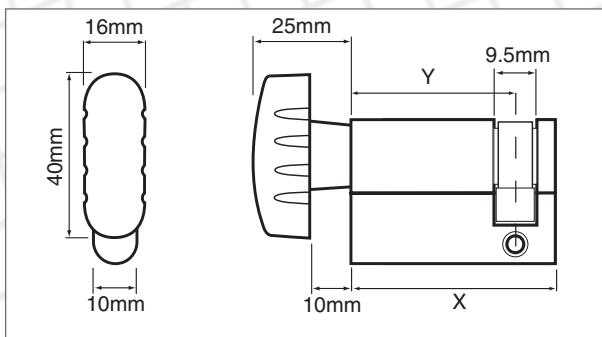
Reference: 2X42 - Large turn



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.



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

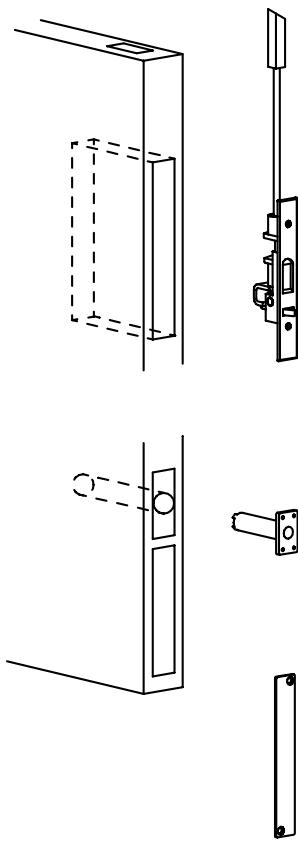
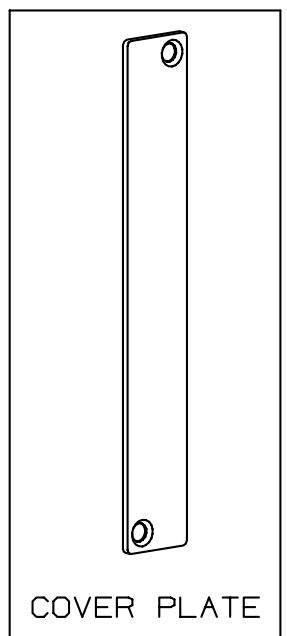
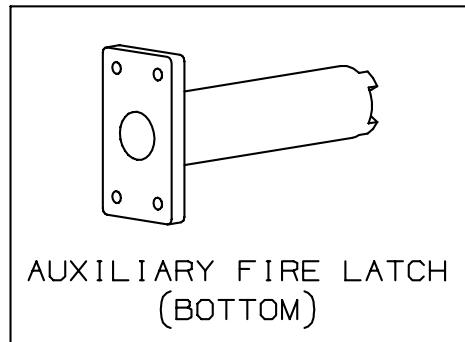
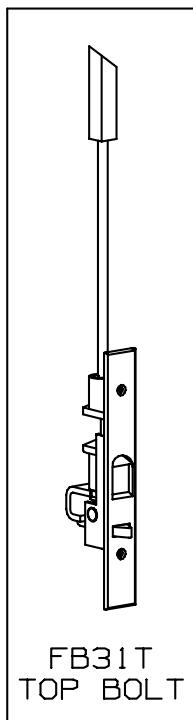
- IS201 Push bar to open.
- IS202 Fire exit running man with directional arrow, up, down, left or right.

Fire fighting signs to BS 5499. Typically 200x150mm.

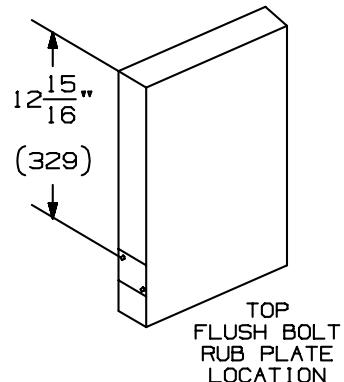
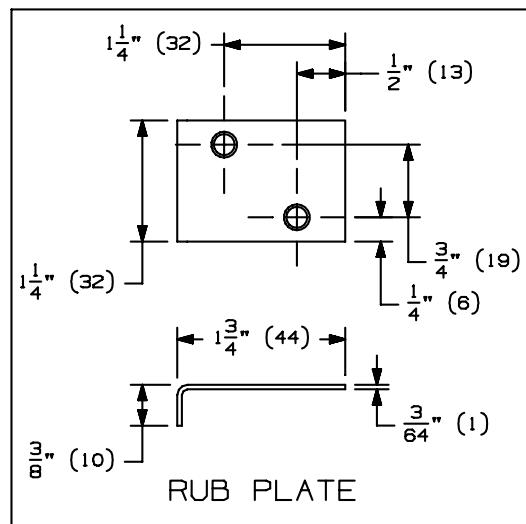
- IS203 Examples of signs available. Please contact us for more information.

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

- IS204 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 W/PLASTIC EXP SHIELD
RUB PLATE	2	----	#6 X $\frac{3}{4}$ " FPHSMS
GUIDE	2	8-32 X $\frac{3}{8}$ " UFPHMS	----
AUXILIARY FIRE LATCH	4	----	#6 X $\frac{3}{4}$ " FPHSMS
COVER PLATE	2	8-32 X $\frac{3}{8}$ " UFPHMS	----



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

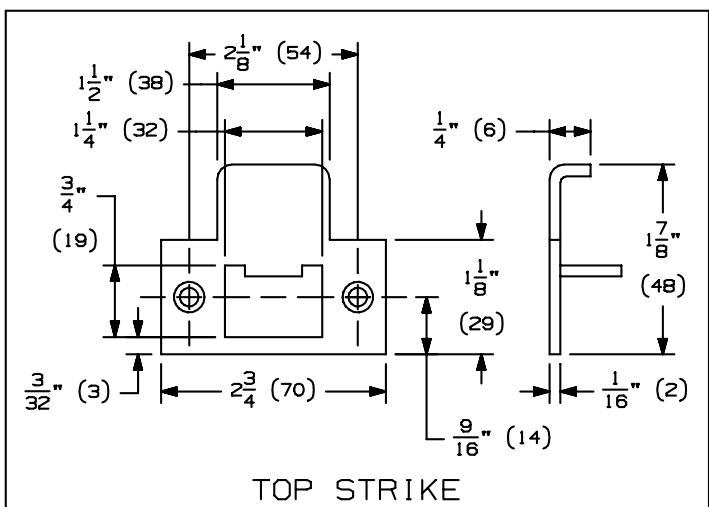
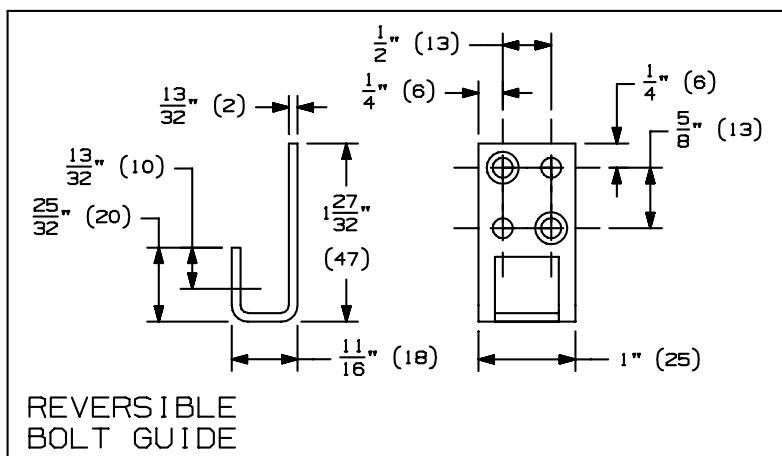
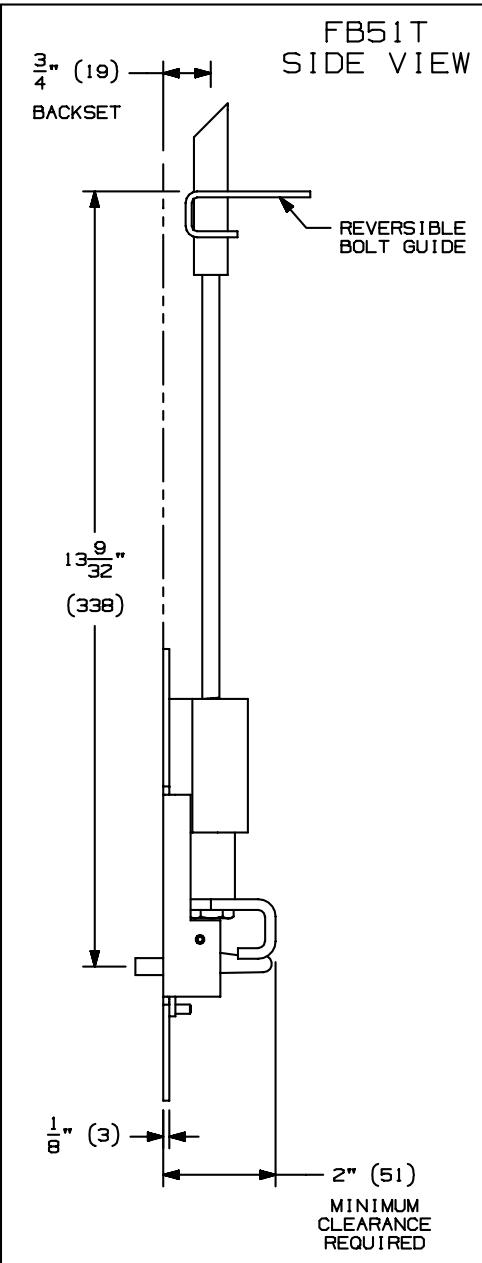
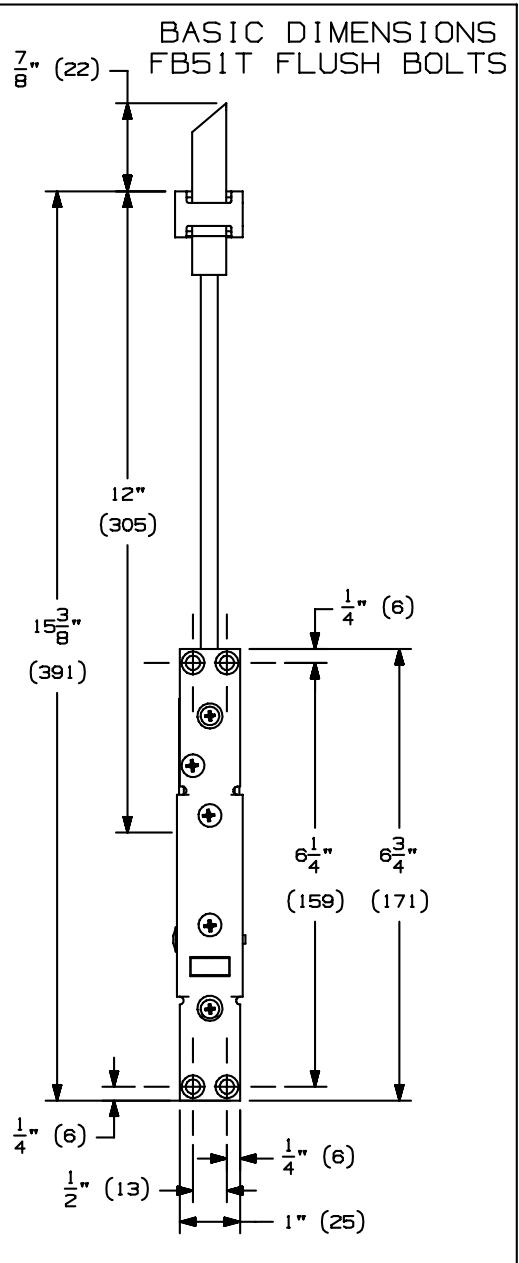
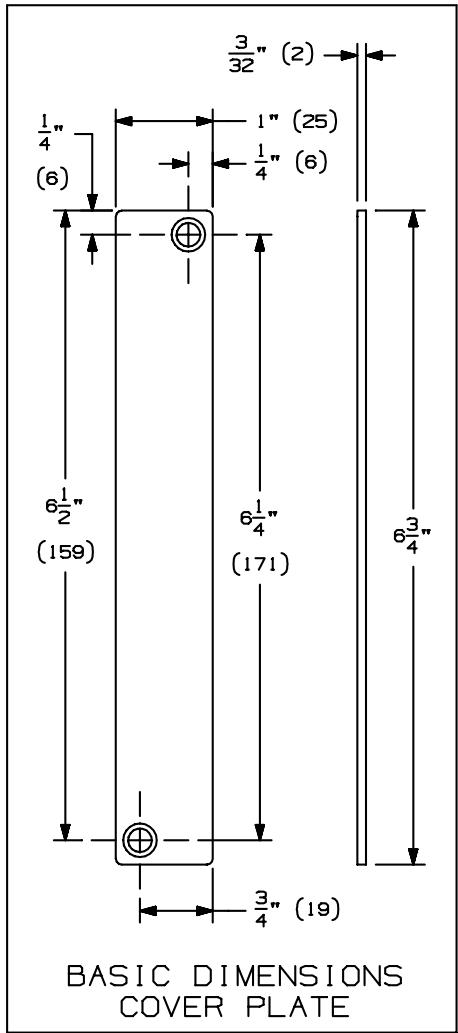
NOTE: DIMENSIONS IN () ARE MILLIMETERS.



Security & Safety®

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

NOTE: DIMENSIONS IN () ARE MILLIMETERS.

IR Security & Safety®

TEMPLATE NUMBER: INST.FB53_0.PG2

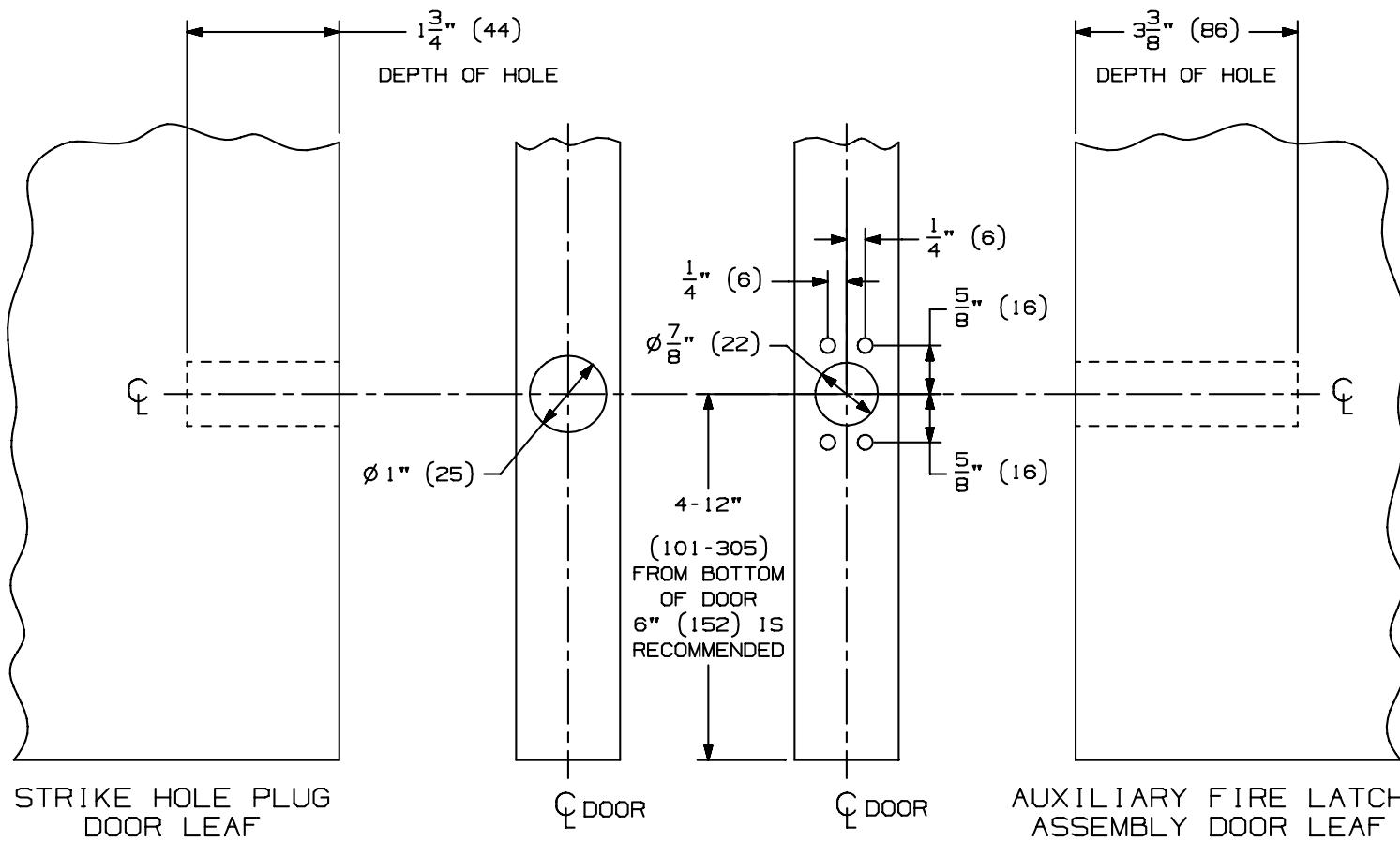
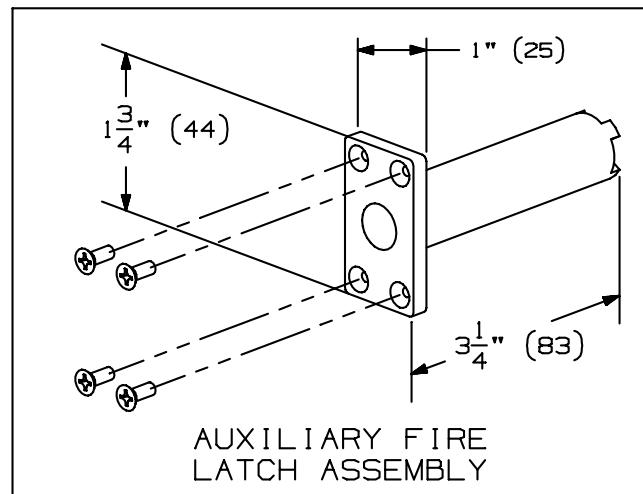
DATE: 09-01-01

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.



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

NOTE: DIMENSIONS IN () ARE MILLIMETERS.



Security & Safety®

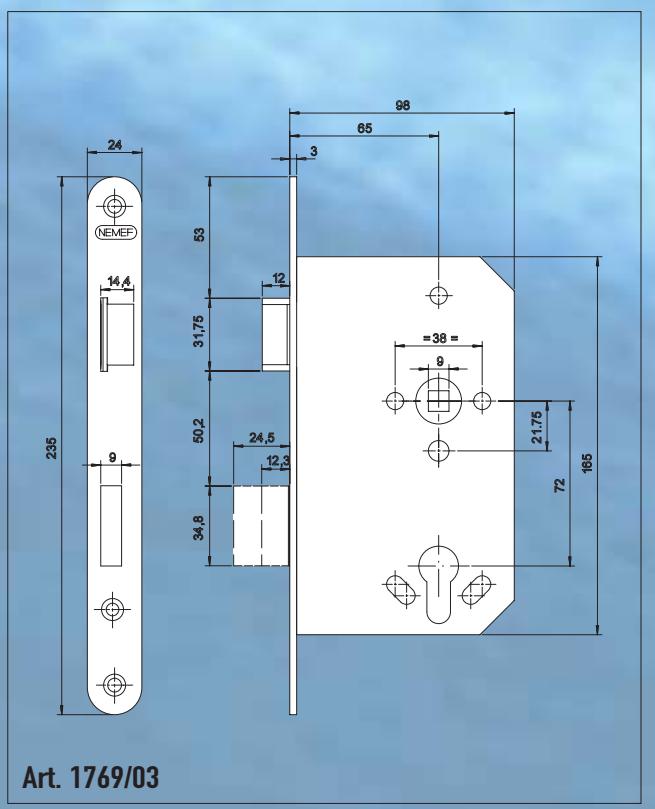
TEMPLATE NUMBER: INST.FB53_0.PG3

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 24 x 235 mm rounded																	
Steel, zinc-plated front plate 24 x 235 mm square																	
Stainless steel front plate 24 x 235 mm rounded																	
Neutral steel, zinc-plated front plate 20 x 235 mm rounded																	
Neutral stainless steel front plate 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																	

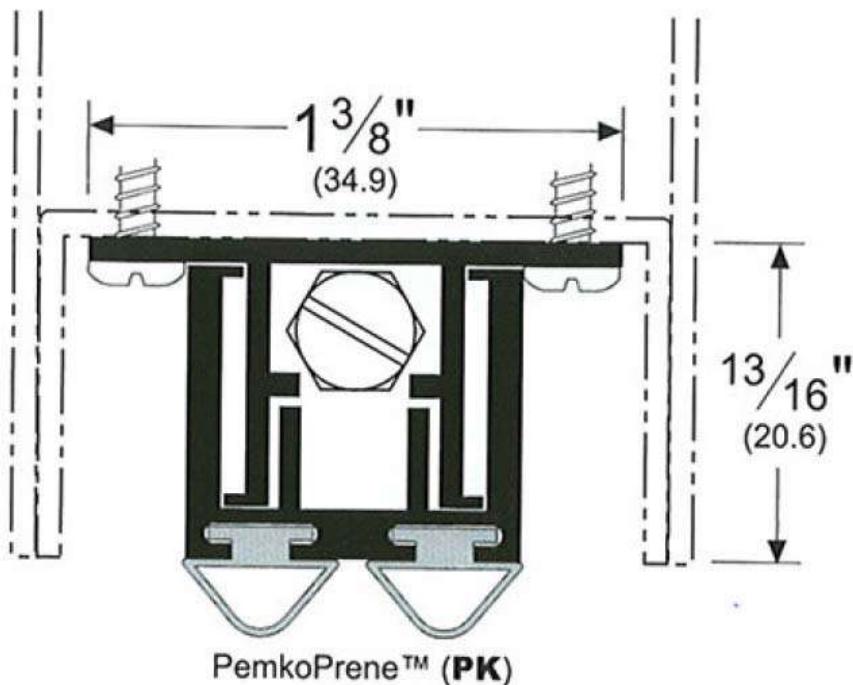
Pemko Drop Seal

420_PKL 

AVAILABLE FINISHES: A

For hollow metal doors.

Maximum drop is 1/2".



Stainless Steel Lever Furniture

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 1000RRU01 - un-sprung
Handle Length	140mm
Handle Projection	55mm
Rose Diameter	54mm
Rose Projection	10mm - sprung 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:

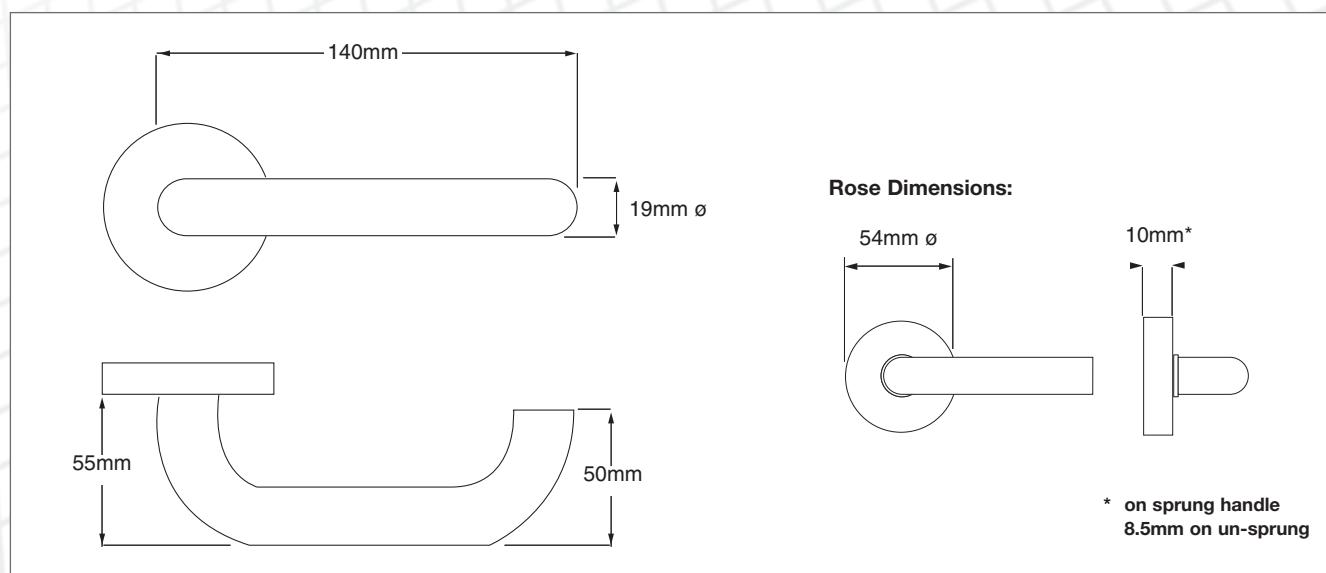


- Assists in fulfilling duties required under the Disability Discrimination Act (DDA). Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background.

Ordering Code Example:

J - 1000RR S 01 PS

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



Ball Bearing Butt Hinges

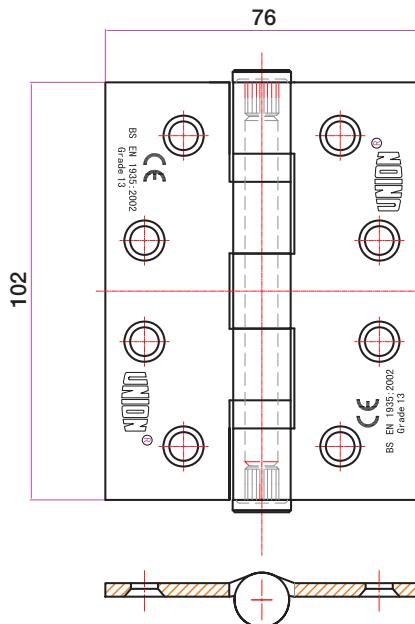
High performance ball bearing butt hinges

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.

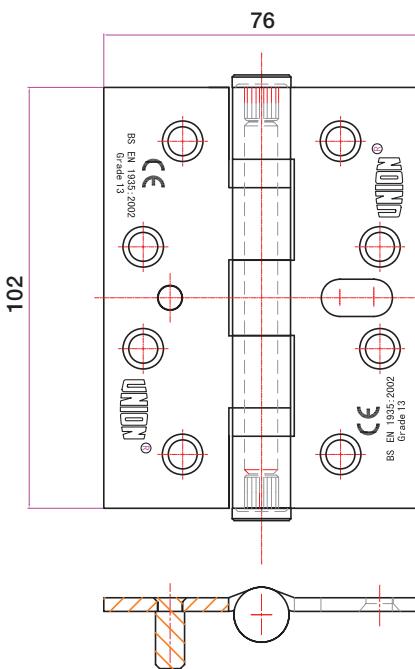
Performance

- 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

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)



Certificate number:

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

* Included in fire test to BS EN 1634-1

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