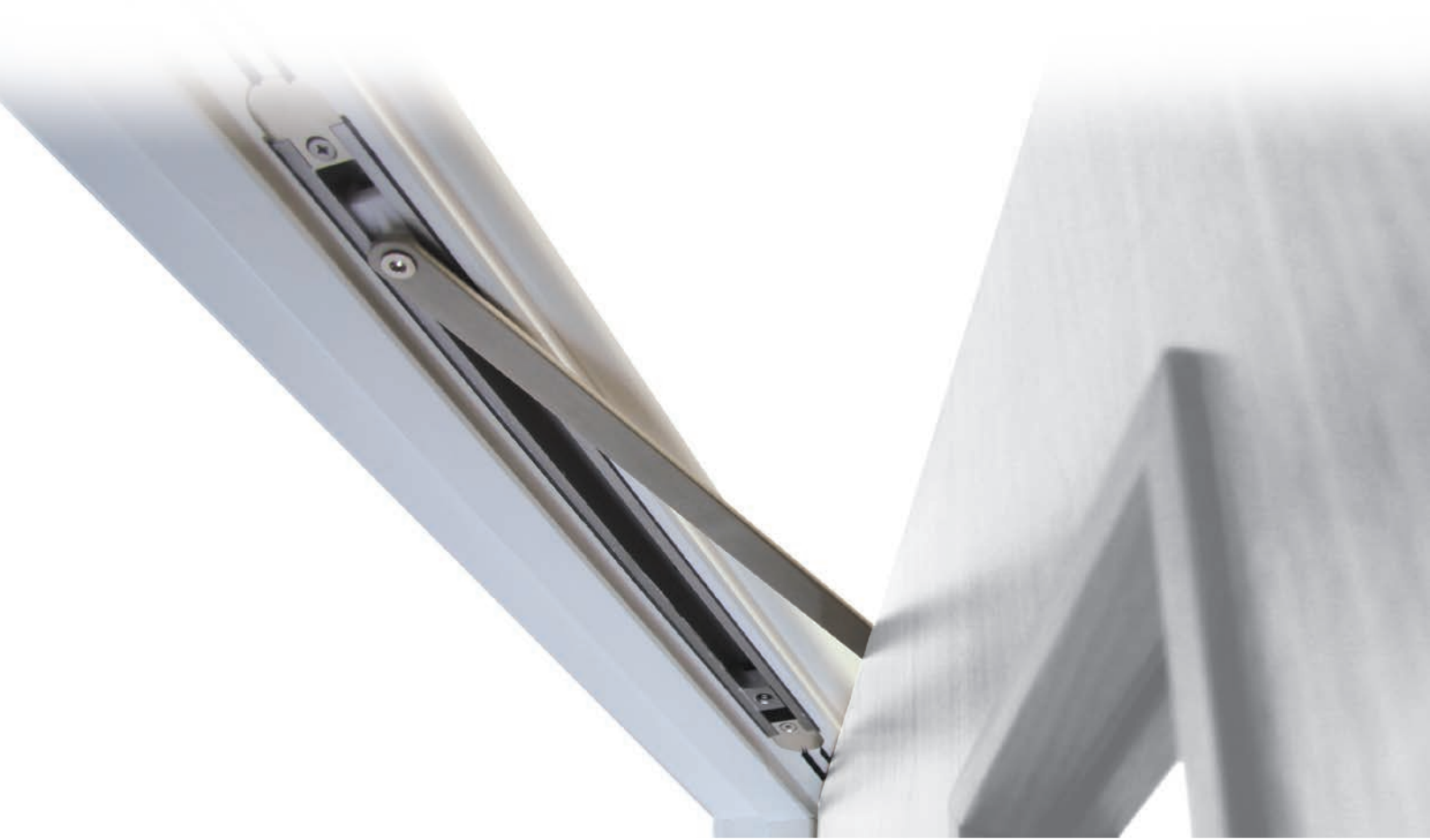


CONCEALED SLIDE ARM DOOR CLOSERS

# ITS.11204



CONCEALED SLIDE ARM DOOR CLOSERS

# ITS.11204

Renowned for its slimline mechanism (32mm body) and suitability for assisting BS8300 requirements, the Rutland ITS.11204 Cam Action door closer has been successfully fire tested numerous times in 44mm fire doors, making it a perfect door closer for situations where minimal aesthetics are required.



3rd Party Certification



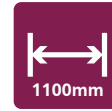
Opening Angle 110°



Two-Stage Speed Regulation



Guarantee



Max Door Width



Max Door Weight

- Certifire Approved
- Power Adjustable by spring, size 2-4
- Suitable for both 44 and 54mm thick doors
- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass & Antique Brass for next day delivery



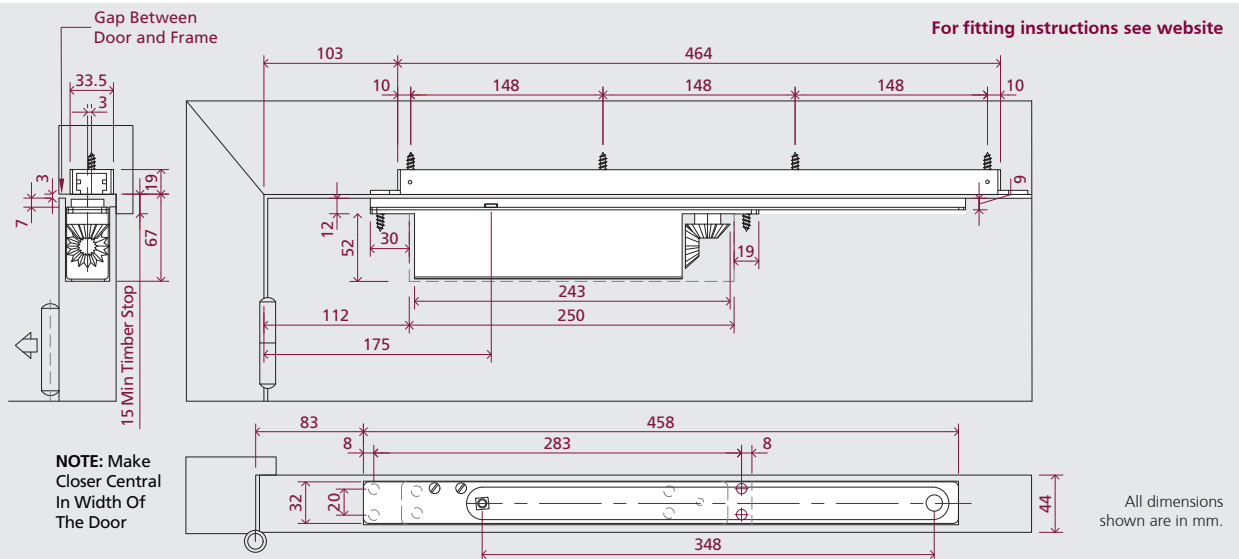
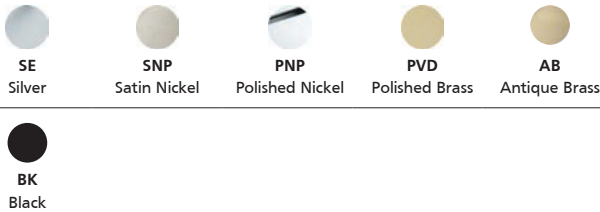
Product Features	ITS.11204
Delayed Action	-
Back Check	-
Opening Angle	110°
Fig.1 Pull Side Door Width	595-1100mm
Fig.66 Push Side Door Width	595-1100mm
Fig.1 BS8300 Min Door Width	835mm
Max Door Weight	<130kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions	W243 x H52 x D32mm


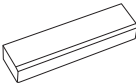

Certification Compliance	
Certifire	✓
UKCA	✓
CE	✓
BS EN 1154	✓
BS EN 1634	✓
UL10C	-
UL228	✓
ANSI BHMA	-
IFCC	✓

**Key:** ✓ Yes    - No    o Option

Finishes

See page 98 for more detail



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
<b>ITS.11204</b>					
 <p>Single Action-ITS.11204 concealed standard rail slide arm door closer</p>	2-4	Silver	<b>11172</b>	ITS.11204.2.5.SE	10
		Satin Nickel	<b>11173</b>	ITS.11204.2.5.SNP	10
		Polished Nickel	<b>11170</b>	ITS.11204.2.5.PNP	10
		Polished Brass	<b>11171</b>	ITS.11204.2.5.PVD	10
		Antique Brass	<b>12026</b>	ITS.11204.2.5.AB	10
		Satin Brass	<b>12521</b>	ITS.11204.2.5.SB	10
		Black	<b>12199</b>	ITS.11204.2.5.BK	10
 <p>ITS.11204 Mechanism only</p>	2-4	Silver	<b>11165</b>	ITS.11204	10
 <p>ITS.11204 concealed door closer-to-slide arm complete with single action connector bar - CB.5</p>	-	Silver	<b>12001</b>	SA.2.5.SE	25
		Satin Nickel	<b>12002</b>	SA.2.5.SNP	25
		Polished Nickel	<b>11998</b>	SA.2.5.PNP	25
		Polished Brass	<b>11999</b>	SA.2.5.PVD	25
Standard Rail Intumescent Pack	-	-	<b>11161</b>	IP.114	100



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## CERTIFICATE OF APPROVAL

### No CF5902

---

This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

**RUTLAND UK**  
**Whittington Way,**  
**Chesterfield,**  
**SA1 9AG**  
**TEL: 01246 261491**

Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

---

**CERTIFIED PRODUCT**  
**ITS.11204 Concealed Door**  
**Closers**

**TECHNICAL SCHEDULE**  
**TS 34 - The Contribution Of**  
**Controlled Door Closing**  
**Devices And Accessories To**  
**Fire Resisting Doorsets**

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 6<sup>th</sup> September 2021  
Audit Test Frequency: Annually  
Valid to: 5<sup>th</sup> September 2026





## CERTIFICATE No CF5902 RUTLAND UK

### ITS.11204 Concealed Overhead Closer

1. This approval relates to the following concealed overhead door closing device and configurations:

	ITS.11204
Single-action	✓
Double-action	✗
Body door mounted in top edge	✓
Body transom mounted	✗

**Key:** ✓ - approved                      ✗ - Not approved

*Note: Where alternative arms for non-fire applications are included within the packaging, the use of these components on fire resisting door assemblies will invalidate the certification.*

2. This certification is provided to the client for its own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
3. This approval relates to their use with the following door assemblies: -

**Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 60 minutes (Code ITT).**

4. The closers are approved on the basis of:
- i) Initial type testing to EN1154 and BS EN 1634-1
  - ii) An appraisal against TS34
  - iii) Certification of quality management system.
  - iv) Inspection and surveillance of factory production control
  - v) On-going audit testing in accordance with EN 1154 requirements
5. The closers shall be fixed with screws supplied by the closer manufacturer.
6. Where the closers are fitted to door leaves or frames that are manufactured from mineral composite-based materials, or low-density cellulosic- based material, the door assembly shall have previously been shown capable of accommodating the installation of closers at the head of the doorset, without detriment to the door assembly's performance.

Signed Page 2 of 7  
J/150

Issued: 6<sup>th</sup> September 2021  
Valid to: 5<sup>th</sup> September 2026



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## CERTIFICATE No CF5902

### RUTLAND UK

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#### ITS.11204 Concealed Overhead Closer

7. Concealed closers shall only be fitted to doorsets which have previously been shown capable of accommodating the installation of similar concealed items at the head of the doorset, without detriment to the doorset's performance.
8. This approval is applicable only to the specified concealed closers used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154). Concealed closer models shall only be installed in conjunction with the intumescent protection detailed below.
9. This approval relates to ITS.11204 concealed overhead closers used with latched or unlatched single-leaf or double-leaf, assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores and in timber frames:
  - a. ITT30 - The bodies mounted in the door leaf, are approved for 30 minute single-action doorsets of the following specification (Code ITT):
    - i. Door leaves shall not less than 44 mm thick doors.
    - ii. The door frame shall consist of softwood or hardwood with a minimum density of 510 kg/m<sup>3</sup> and with a minimum thickness of 30 mm (excluding any stop).
    - iii. The closer body was mounted centrally within the door thickness and the guiderail centrally within the frame rebate.
    - iv. The closer shall be fitted with intumescent protection in the form:
      - 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), over the entire forend and recess in the top edge of the door.
      - 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), to the vertical edges only of the guiderail.
  - b. ITT60 - The bodies mounted in the door leaf, are approved for 60 minute single-action doorsets of the following specification (Code ITT):
    - i. Door leaves shall not less than 54 mm thick doors.
    - ii. The door frame shall consist of hardwood with a minimum density of 640 kg/m<sup>3</sup> and with a minimum thickness of 44 mm (excluding any stop).
    - iii. The closer body was mounted centrally within the door thickness and the guiderail centrally within the frame rebate.

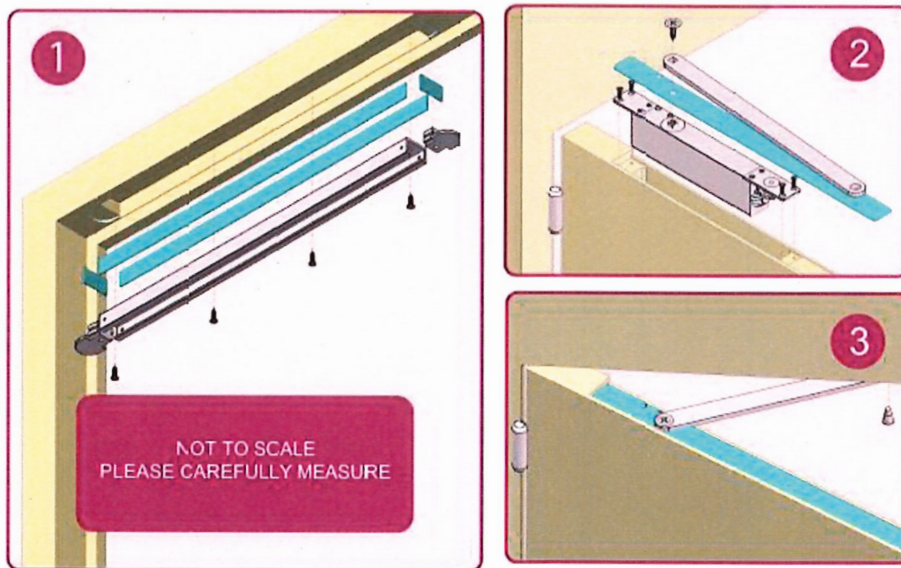
Signed Page 3 of 7  
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Issued: 6<sup>th</sup> September 2021  
Valid to: 5<sup>th</sup> September 2026

## CERTIFICATE No CF5902 RUTLAND UK

### ITS.11204 Concealed Overhead Closer

- iv. The closer shall be fitted with intumescent protection in the form of:
- 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), over the entire forend and recess in the top edge of the door.
  - 2 mm thickness of graphite-based intumescent sheet material (ref. IP.114), to the vertical edges only of the guiderail.
- v. In addition for ITT60 applications the perimeter intumescent fire seals within the door or frame shall by-pass the guide rail by a minimum of 3 mm on each side.



*Note: Failure to install intumescent protection identified above will invalidate this certificate*

10. The approval relates to on-going production. The product and/or its immediate packaging are identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

Signed Page 4 of 7  
J/150

Issued: 6<sup>th</sup> September 2021  
Valid to: 5<sup>th</sup> September 2026

## CERTIFICATE No CF5902 RUTLAND UK

### ITS.11204 Concealed Overhead Closer

11. The following table shows acceptable doorset types and fire resistance periods for the concealed closer:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	x	x	✓	x	x
FD30	x	x	✓	x	x
FD60	x	x	✓	x	x
FD120	x	x	x	x	x
FD240	x	x	x	x	x
E 20	x	x	✓	x	x
EI 20	x	x	✓	x	x
E 30	x	x	✓	x	x
EI 30	x	x	✓	x	x
E 60	x	x	✓	x	x
EI 60	x	x	✓	x	x
E 90	x	x	x	x	x
EI 90	x	x	x	x	x
E 120	x	x	x	x	x
EI 120	x	x	x	x	x
E 240	x	x	x	x	x
EI 240	x	x	x	x	x

**Key:**

- ✓ - approved  
x - Not approved

Signed Page 5 of 7  
J/150



Issued: 6<sup>th</sup> September 2021  
Valid to: 5<sup>th</sup> September 2026





**CERTIFICATE No CF5902**  
**RUTLAND UK**

**ITS.11204 Concealed Overhead Closer**

12. Doors are classified as the following types:

**Code ITT** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in timber-based frames.

**Code ITM** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in steel frames.

**Code ITC** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

**Code MM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

**Code IMM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with intumescent seals.

**Scope of Approval:**

- The closer may not be fitted to timber doorsets without perimeter intumescent fire seals within the frame rebate or door edge.
- Concealed overhead closers and their guide channel shall only be fitted in conjunction with the intumescent protection detailed previously in this certificate.
- Concealed overhead closers shall only be fitted to doorsets which have previously been shown capable of accommodating the installation of similar concealed items at the head of the doorset, without detriment to the doorset's performance.
- Mechanical Hold open option is not approved
- The following specific guide channels are approved for use with the concealed closers:
  - Non-hold open single-action guiderail with lever arm 29 mm wide x 19 mm high x 460 mm long.
- The following functions are supported by this certification:

Closer Ref.	Latch Control	Backcheck	Delayed-Action
ITS.11204	✓	x	x

Signed Page 6 of 7  
J/150

Issued: 6<sup>th</sup> September 2021  
Valid to: 5<sup>th</sup> September 2026



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**CERTIFICATE No CF5902**  
**RUTLAND UK**

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ITS.11204 Concealed Overhead Closer

**Classification code**

ITS.11204:

3	8	4 2	1	1	3
---	---	--------	---	---	---

*Note: power ratings shall be appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).*

**Further Information**

Further information regarding the details contained in this certificate may be obtained from Rutland UK. (Tel: 01246 261491).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

Signed Page 7 of 7  
J/150

Issued: 6<sup>th</sup> September 2021  
Valid to: 5<sup>th</sup> September 2026



# CONTROLLED DOOR CLOSER DEVICES

***Certificate number: IFCC 1417***

This is a product certificate to certify that

## ***RUTLAND UK***

Whittington Way,  
Chesterfield  
S41 9AG  
UK  
Telephone no. 01246 261491

Who fabricate the following concealed Door Closers:

## **ITS.11204**

have satisfied the requirements of the SDP08 Controlled Door Closer scheme. This includes the testing of products to **EN 1634-1**, the inspection of Factory Production Control and continuing surveillance audits and testing of samples of products taken from production.



First Issued: 24 Jan 2019  
Revised: 18 Oct 2022  
Valid to: 23 Sept 2024  
Issue No: 2



175

Ian Woodhouse  
Director of Certification

IFC Certification Ltd, 20 Park Street, Princes Risborough, Buckinghamshire. UK, HP27 9AH  
Tel: +44 (0)1844 275500 Fax: +(0)1844 274002 E-mail: [info@ifccertification.com](mailto:info@ifccertification.com) Web: [www.ifccertification.com](http://www.ifccertification.com)  
Registered No: 4777898 England

The certificate and schedule are held in force by regular annual surveillance visits by IFC Certification and the reader or user should contact IFC Certification to validate its status. This certificate remains the property of IFC Certification and must be returned to them on demand.

## Rutland ITS.11204 Concealed Overhead Door Closer

Acceptable doorset types and fire resistance periods are identified in the table below:-

Approved Door Types						
FR	IMM	MM	TT	ITT	ITM	ITC
FD20	✓	✓	X	✓	X	X
FD30	✓	✓	X	✓	X	X
FD60	✓	✓	X	✓	X	X
FD90	✓	✓	X	X	X	X
FD120	✓	✓	X	X	X	X
FD240	✓	✓	X	X	X	X
E20	✓	✓	X	✓	X	X
EI20	✓	✓	X	✓	X	X
E30	✓	✓	X	✓	X	X
EI30	✓	✓	X	✓	X	X
E60	✓	✓	X	✓	X	X
EI60	✓	✓	X	✓	X	X
E90	✓	✓	X	X	X	X
EI90	✓	✓	X	X	X	X
E120	✓	✓	X	X	X	X
EI120	✓	✓	X	X	X	X
E240	✓	✓	X	X	X	X
EI240	✓	✓	X	X	X	X

### Key

**Type TT** - 20 minute doorsets that consist of non-metallic leaves in timber frames that do not contain intumescent materials in the frame to leaf gap.

**Type ITT** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in timber frames

**Type ITM** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in metal frames.

**Type ITC** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

**Type MM** - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that do not contain intumescent materials in the frame to leaf gap.

**Type IMM** - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that contain intumescent materials in the frame to leaf gap.

**Classification**

<b>Category of use</b>	<b>Durability</b>	<b>Power Level</b>	<b>Fire</b>	<b>Safety</b>	<b>Corrosion Rating</b>
<b>3</b>	<b>8</b>	<b>2/4</b>	<b>1</b>	<b>1</b>	<b>3</b>

This approval only relates to its use with the door assemblies and configurations identified in **PAR/11364/01 Rev B** and Fire Test Evidence **CFR2501191 & CFR2109081** ;-

**ITT Timber Leaf & Timber Frame**

May be fitted in previously tested single and double-acting, latched or unlatched, intumescent sealed timber door and timber frame assemblies.

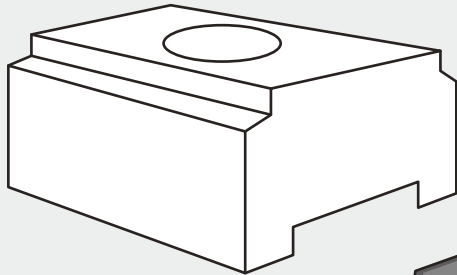
**IMM & MM Steel Leaf & Steel Frame**

May be fitted in previously tested single-acting steel door assemblies, if required in latched or unlatched un-insulating or insulating steel door leaf and steel frame assemblies.

# Hold Open Device

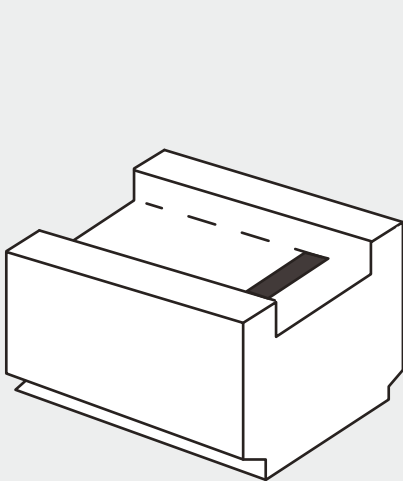
FOR NON-FIRE DOOR APPLICATION

1



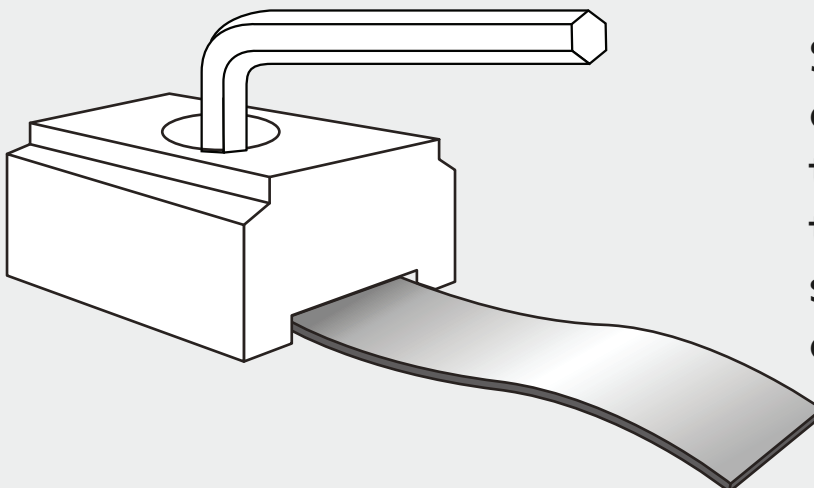
Take slide block  
out of rail

2



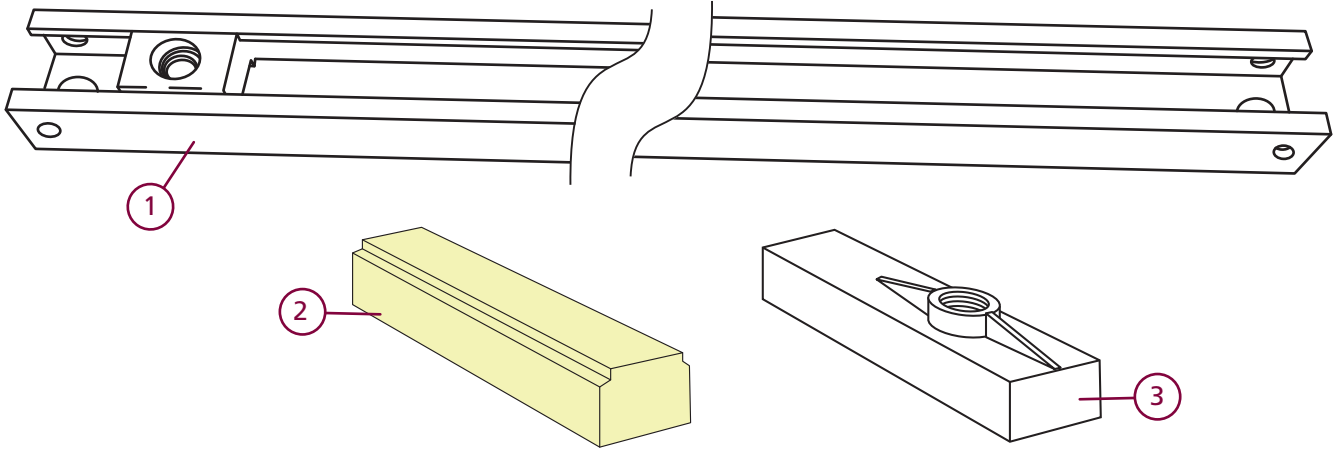
Put black spring clip  
into the slot  
underneath the block.

3



Slide block with hold  
open clip back into  
the slide rail, then  
tighten Allen key  
screw at desired angle  
of hold-open

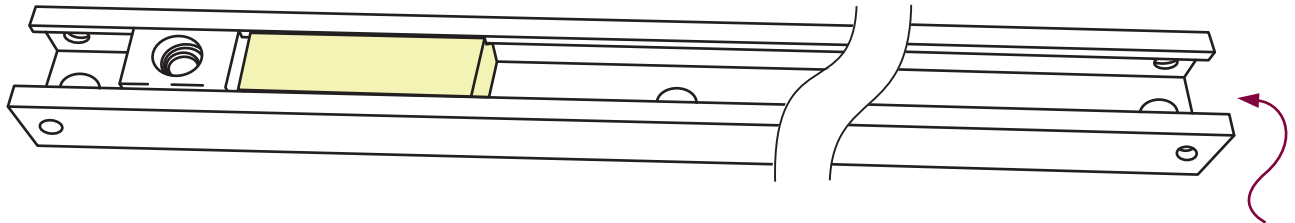
# Cushion Stop Installation



**KEY:** ① Slide Rail      ② Cushion Stop      ③ Shuttle

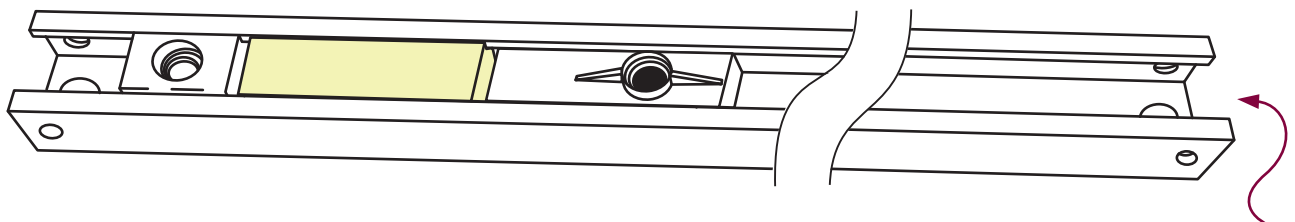
## Step 1

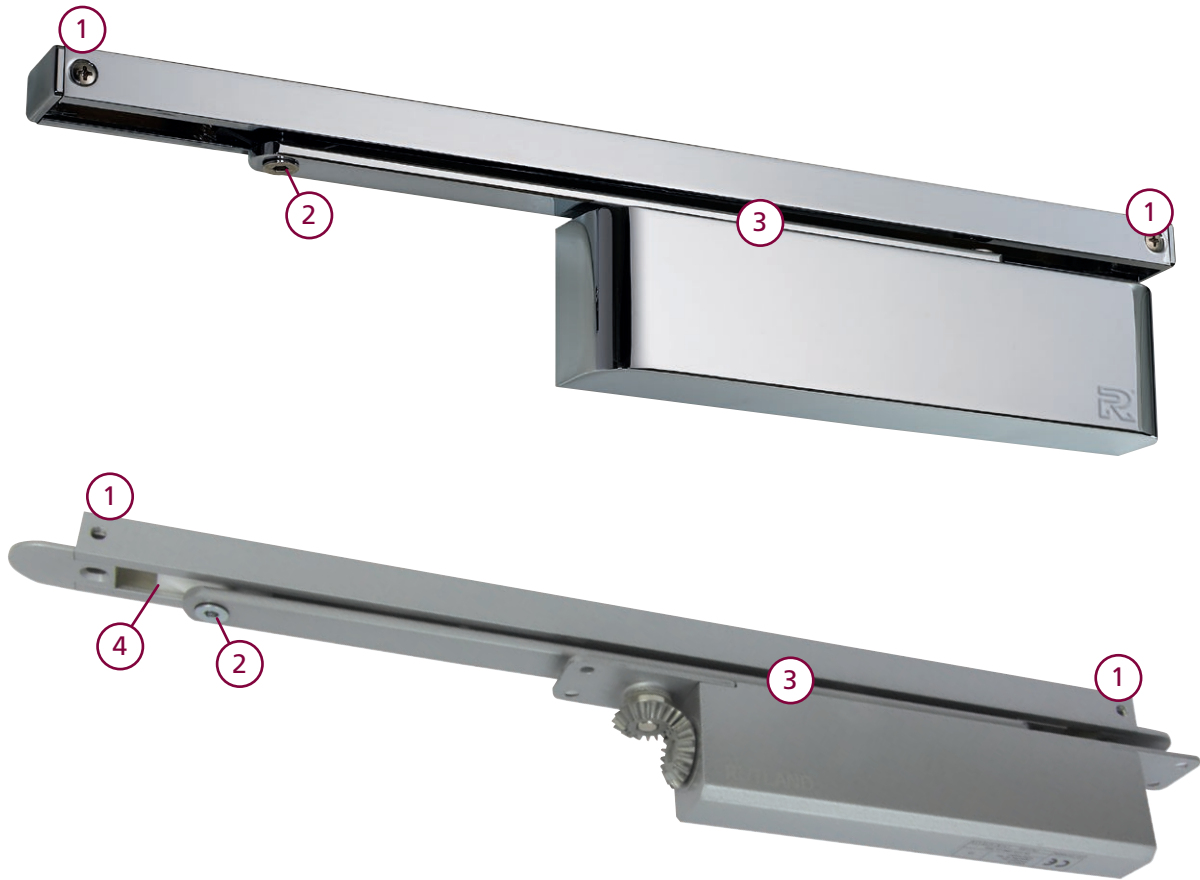
Slide the cushion (2) into the rail (1) up against the stop.



## Step 2

Insert the white shuttle (3) and continue fixing the closer and connecting the rail (1).





Step 1

Check that screws are tight (No.1 & No.2), and tighten if needed, at least every 6 months.

Step 2

Tighten pinion screw (No. 3) to 12nm, at least every 6 months

Step 3

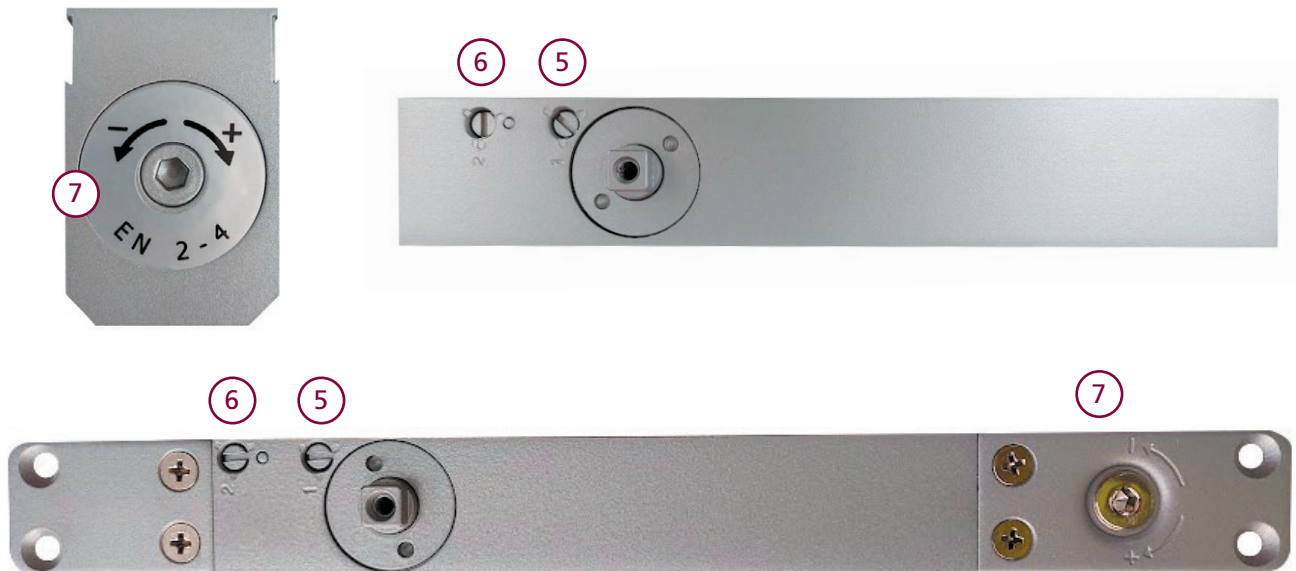
Lubricate all moving parts, except the sliding shuttle (No.4) , at least every 6 months.

\*For high usage closers, this steps will need to be carried out more often than every 6 months.

Any unusual sounds or visual defects should be addressed immediately



# Valve Adjustments



Before adjusting any valves ensure the door and frame are fixed firmly and the door will close easily into the frame and latch.

- To increase the speed of a door turn the valve 1 (No.5) Anti-clockwise. If door closing too fast turn the valve 1 Clockwise to reduce the speed to a satisfactory movement.
- When the door is latching too fast adjust the valve 2 (No. 6) to the desired satisfactory action. Turn Clockwise to reduce the speed.
- If the latch is getting stuck, turn Valve 2 anti-clockwise to increase the speed but not too fast so that it slams.
- If more power is needed to overcome the latch or Intumescent seal you can increase the power by turning the power adjustment function (No. 7) with an allen key.
- If the door is too easy to open or affected by wind or air pressure, turn Clockwise to increase the power.
- If the door is stiff to open you can turn Anti-clockwise to decrease the power.

## Back Check + Delayed Action on Slide Arm closers

- If the door hits a wall when fully opened you can adjust the Back Check valve. Turn valve Clockwise with a screw driver to increase the Back Check facility. This will slow the door down on opening at speed. Back Check valve if applicable to this model.
- If a delay or extra time is required on the closing of the door, the Delayed Action valve can be used. Turn the valve clockwise if more time is required or turn the valve anti-clockwise if less time is required. Delayed Action valve if applicable to this model.

Enhancing life safety  
**at every fire door**



**Rutland UK**  
Whittington Way  
Chesterfield S41 9AG

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