

ISSUE 20

#Designer DoorClosers thatLast





Welcome to Rutland

Rutland UK has become known for its 'tried and tested' designer door closers that last. We are backed by over 70 years of family heritage manufacturing engineered life saving devices.

We're excited to introduce Rutland Door Controls Issue 20. This gives you timeless classics such as the TS.9205 with around nearly 1 million fitted globally, to the very latest in electromagnetic fire alarm response door closing devices.

Fire and certification experts speak highly of Rutland as "doing it right" with probably un-matched investment in bi-directional testing of door closers and hardware. This investment ensures functionality and contributes to your home, work or play environment being 'Safe Today, and Safe Tomorrow'.

Huge investment in Third-party certification ensures our factories are audited giving extra assurance that products are manufactured the way they were tested and that any improvements are controlled.

The universal fitting concept of Rutland Door Controls makes them easy to specify, order and fit. The RESPONDER 24 'One-Code-One-Box-Does-All' has been welcomed by many specifiers and installers.

Growing demand from care centres to look 'less institutional' has been met with Rutland's off-the-shelf designer finishes including a whole range of bronzes, blacks and antique brass.

Whatever your application you can be assured Rutland UK products are third-party certificated, tried and tested.



rutlanduk.co.uk

#DesignerDoor Closers that Last



I'm totally in awe at your commitment to the greater cause and putting your products through this level of testing.

Congrats to you and the team. I wouldn't hesitate recommending Rutland to any of our customers who we can influence.

John McCaffrey | Starbank Panel Products Ltd



Good, value for money products, accompanied by quality service.



Superb service-everyone at the company wanted to help. Extremely grateful for the company providing us, a small charity... with 12 door closers for FREE and next day delivery. The company and its staff are a paragon of British industry with a desire for community involvement.

Charitable Incorporated Organisation



Good quality products and an excellent service. I felt like they could not do enough for me. Definitely recommend.



The service and customer experience that I received from this company was second to none and I cannot recommend them highly enough. Absolutely brilliant.



Rutland supply trusted, high quality products.

Fixings/Hardware Supplier



Superb after sales care from this company. The Rutland door closer on our front door became difficult to adjust after 6 years of continuous use. We called Rutland for guidance on dealing with the problem. Unsolicited they sent a brand new replacement at no cost together with detailed easy-to-follow fitting instructions. When we mentioned the fitting would be done on a Sunday they gave us a contact number to call out of hours in case there was any problem during fitting. There wasn't. It was easy and we are very happy with the result.



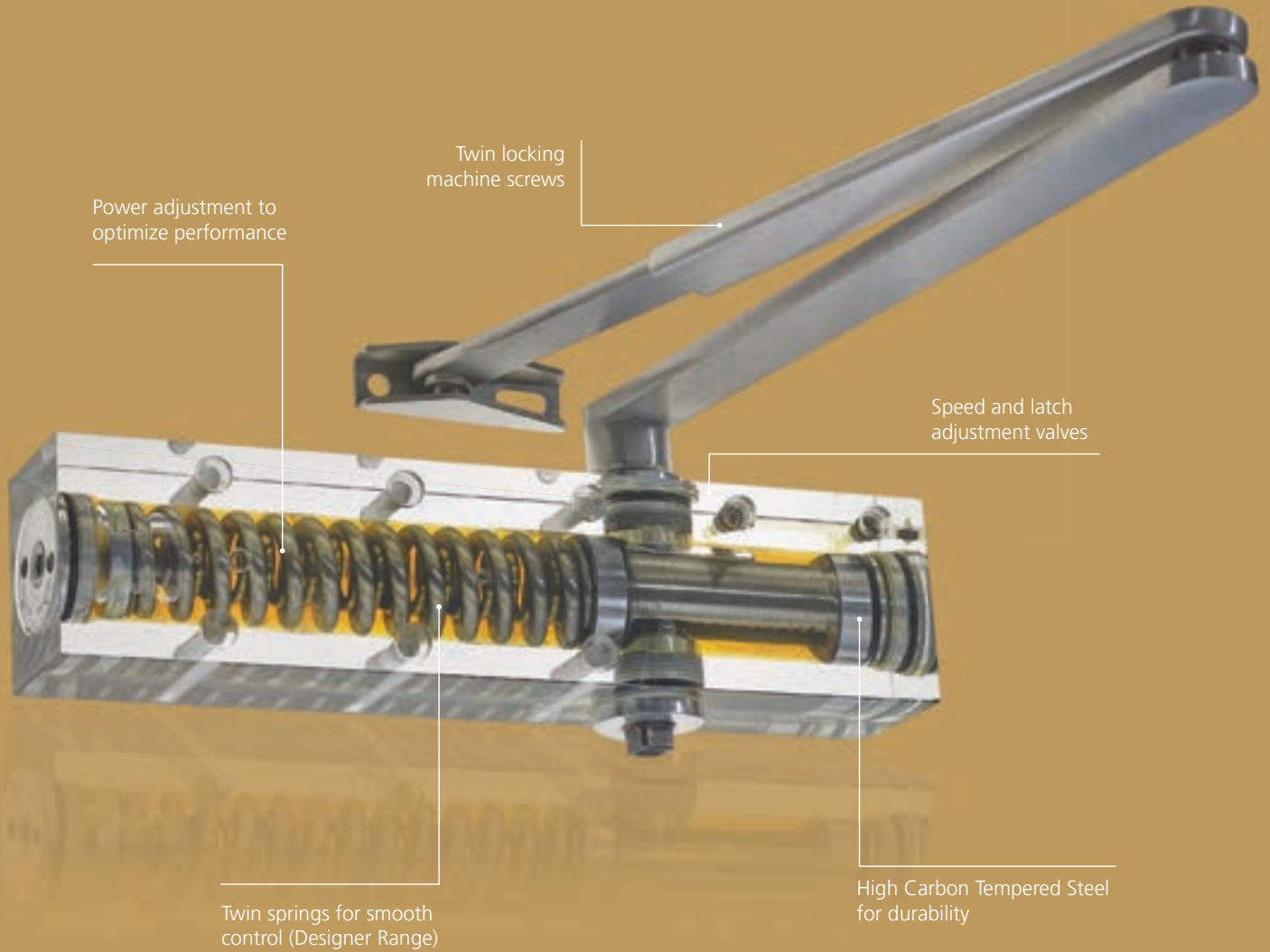
Always helpful with enquiries, very prompt delivery with a good quality range of products.



The Reliability & Technical Knowledge of the staff and the quality of the product are 10 out of 10.

The product is always being updated and kept in line with the current standards.

All Rutland products are optimized for design, performance and reliability, with continual innovation to make them faster and easier to fit.



#DesignerDoorCloserthatLast

our vision



To continue to be a sustainable, global leader in Door Controls supply. We believe we will maintain this by dynamically and responsively reacting professionally to the fast paced and rapidly changing world we live in.

our mission



We are committed to understanding the Construction market, be in touch with end users and manufacture designer door closers that last, which make your environment a safer place to be.

We take certification seriously

Always

Rutland UK products undergo two types of certification:

BEST PRACTICE THIRD-PARTY CERTIFICATION

Third-party Product Certification is part of best practice. It is designed to give confidence to specifiers, users, occupiers, owners and enforcement bodies that products have been thoroughly and independently evaluated and will continue to be manufactured to the same specification as originally tested.

As part of best practice Rutland products go through high level third party certification against rigorous International, European, British standards

Third Party Product Certification for a Product Manufacturer is explained in ISO/IEC Guide 67 and has been summarised below.

Third-party certificates are downloadable from the certification body's website

Step 1 - Selection and independent sampling of a product

Step 2 - Confirm the features and performance of the product. This is done through testing, Factory Production Control inspection, design appraisal and engineering assessment.

Step 3 - Independent technical review and evaluation of evidence of performance

Step 4 - The certification decision

Step 5 - Issue of the Third Party Certification Certificate

Step 6 - Factory Production Control surveillance inspection

BASIC LEVEL CERTIFICATION CE MARKING

Rutland products for fire and smoke doors go through attestation of conformity for CE Marking. This is a basic level of certification designed to satisfy the minimum requirements for a product to be placed on the European market. Evaluation is carried out to the European technical specifications such as harmonised standards and European Technical Approvals.

- ✓ The harmonised standard for controlled door closing devices is BS EN 1154:1997 + A1:2003
- ✓ BS EN 1155 covers electrically powered hold-open or swing-free door closing devices
- ✓ Fire and smoke doors are tested to the BS EN 1634-1 and 3 standard
- ✓ ISO:9001 2015 quality
- ✓ CE Certificates are downloadable on our website



1720

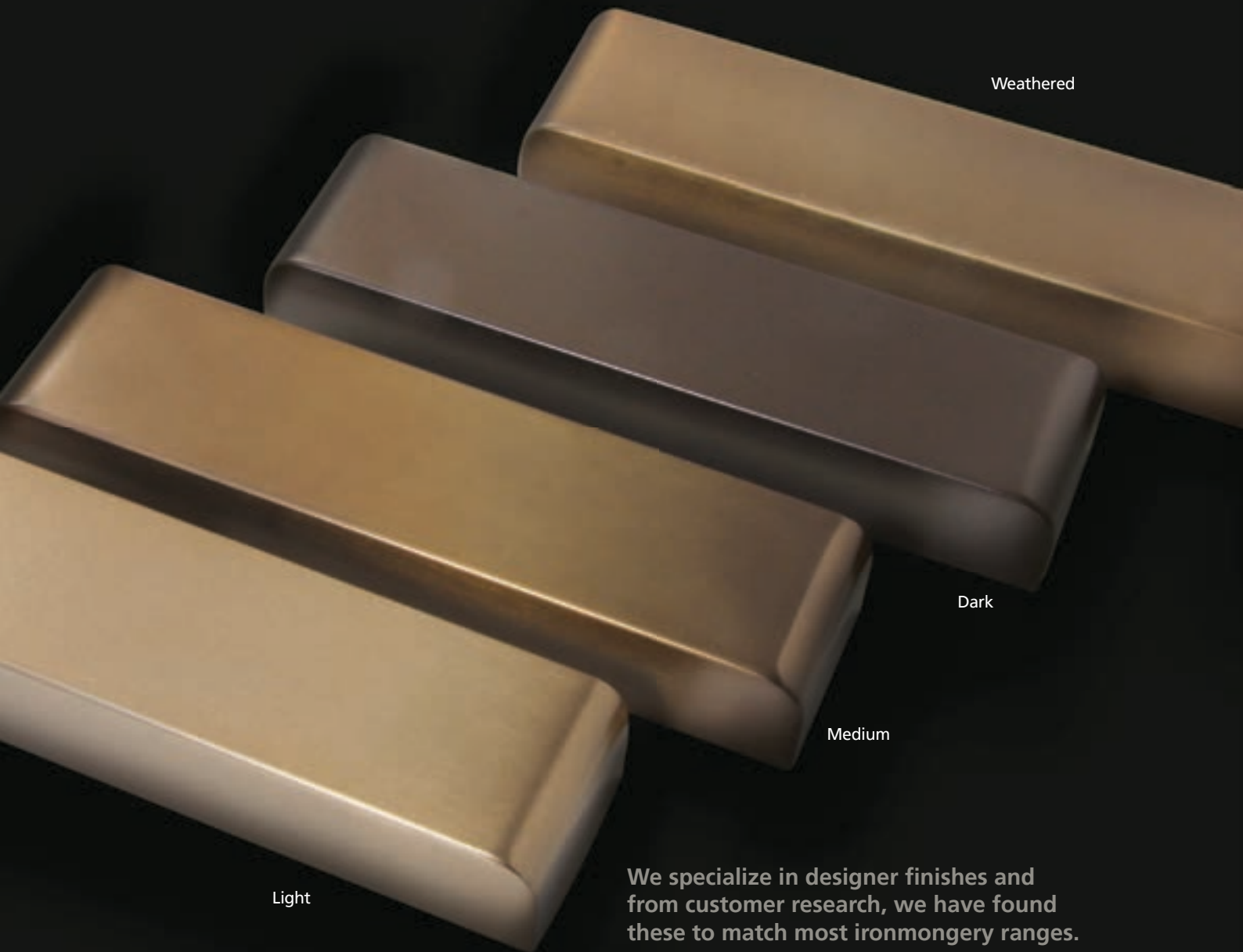


FS 598473



Designer finishes

New Bronze finishes now in stock for next day delivery



Light

Medium

Dark

Weathered

We specialize in designer finishes and from customer research, we have found these to match most ironmongery ranges.

For further details on our special finishes range speak with one of our team today.

+44 (0)1246 261491 | sales@rutlanduk.co.uk

rutlanduk.co.uk

Making the Right Choice

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Scissor Arm Door Closer

overview

TS.3204

PAGE 10



Key Features

- ✓ Fixed power size EN3, adjustable by template.
- ✓ CE marked.
- ✓ Tested to 120 Minutes in EN1634 Fire tests and UL
- ✓ Easy to read instructions, saving over 12 minutes of fitting time.

TS.4204

PAGE 14



Key Features

- ✓ Variable power adjustment EN2-4
- ✓ Engineered from exceptional high quality components
- ✓ CE marked and UL listed
- ✓ Back check and delayed action features are as standard on this model
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.5204

PAGE 16



Key Features

- ✓ Variable Power adjustment EN2-4
- ✓ CE marked and UL listed
- ✓ Assists Document M and BS 8300
- ✓ Available with back check
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.5206

PAGE 20



Key Features

- ✓ Variable power size EN 2-6
- ✓ Heavy Duty closer
- ✓ UL listed
- ✓ Refined to the highest standards that meets and exceeds the requirements of BHMA/ANSI 156.4 Grade 1
- ✓ Available with back check
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.9205

PAGE 24



Key Features

- ✓ Variable power size EN 2-5
- ✓ CE marked and UL listed
- ✓ Available with delayed action and back check
- ✓ Renown high efficiency, quality, reliability and ease of opening
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.9206

PAGE 30



Key Features

- ✓ Variable power size EN 2-6, adjustable by spring
- ✓ CE marked and UL listed
- ✓ Available with back check and delayed action
- ✓ Renown for high efficiency, immense torque and ultimate control
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.10106

PAGE 34

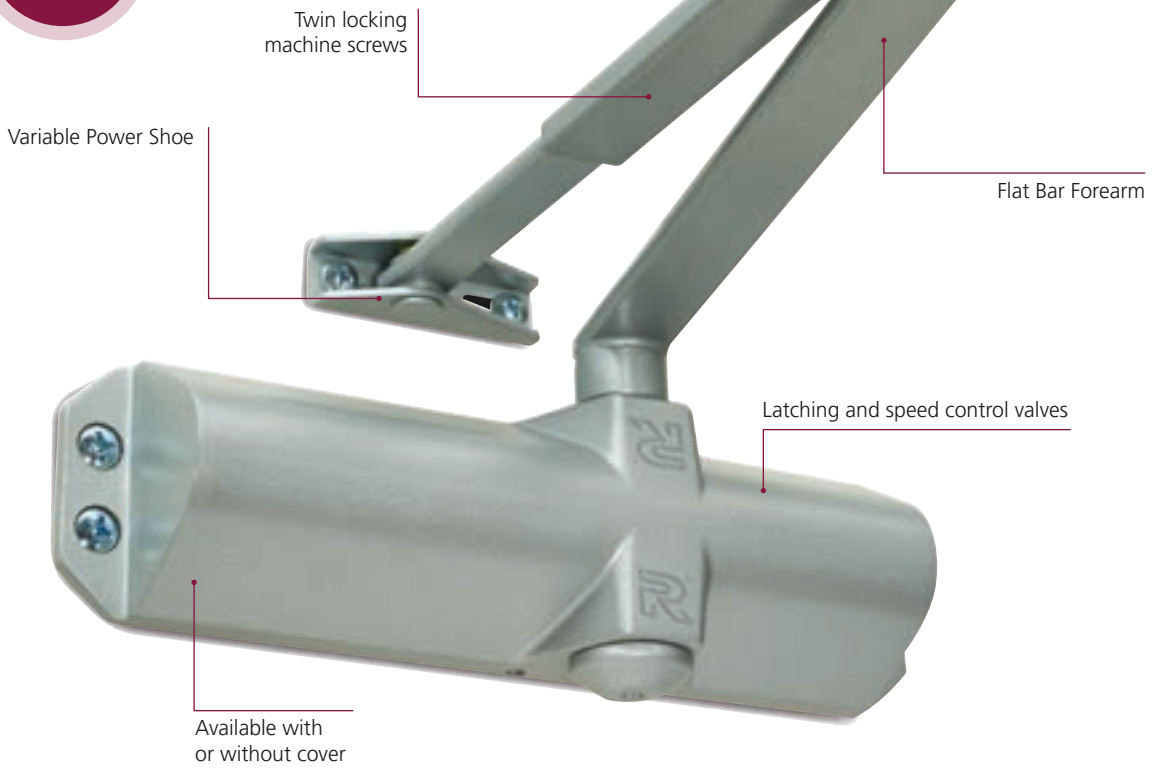


Key Features

- ✓ Variable power size EN 1-6
- ✓ ANSI and UL listed
- ✓ Extremely heavy duty with immense torque and strength
- ✓ Tested to 2 million cycles
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.3204 Door Closer

Fixed Power Size EN3



Product Overview

- ✓ Fixed power size EN3, adjustable by template
- ✓ CE marked
- ✓ Tested to 120 Minutes in EN1634 Fire tests and UL
- ✓ Universal fitting
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire Tested to
EN1634
& UL 10C



Max Door
Weight 80kg



Opening Angle
180°



Max Door Width
930mm



Adjustable
Closing Speed



Rut Lock



Universal
Application



Power Size
EN3



Adjustable
Latch Speed



Guarantee



32040000
CPR101218

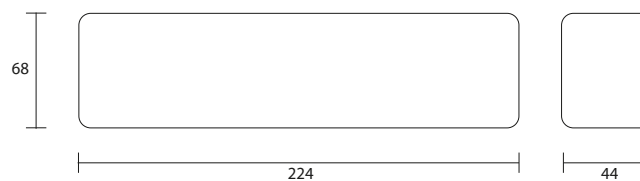
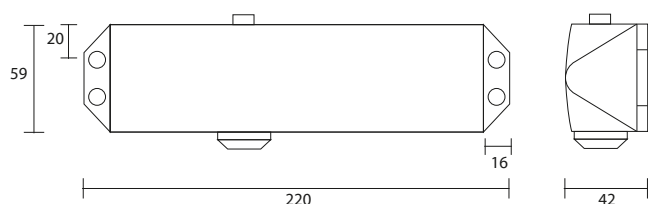


1432

Mechanism

Cover

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.3204 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

Standard Arm Fig 1.

4 8 3 3 1 3

Parallel Arm Fig 66.

3 8 3 1 1 3

BS EN 1634 Fire Test

TS.3204 closers have been tested to EN 1634 for 30, 60 and 120 minute door sets. Test certificates are available on request.

UL Listed

The TS.3204 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

Options





- Hold-Open arm (Not to be used on fire doors)
- Hollow door fixing pack
- Drop plate

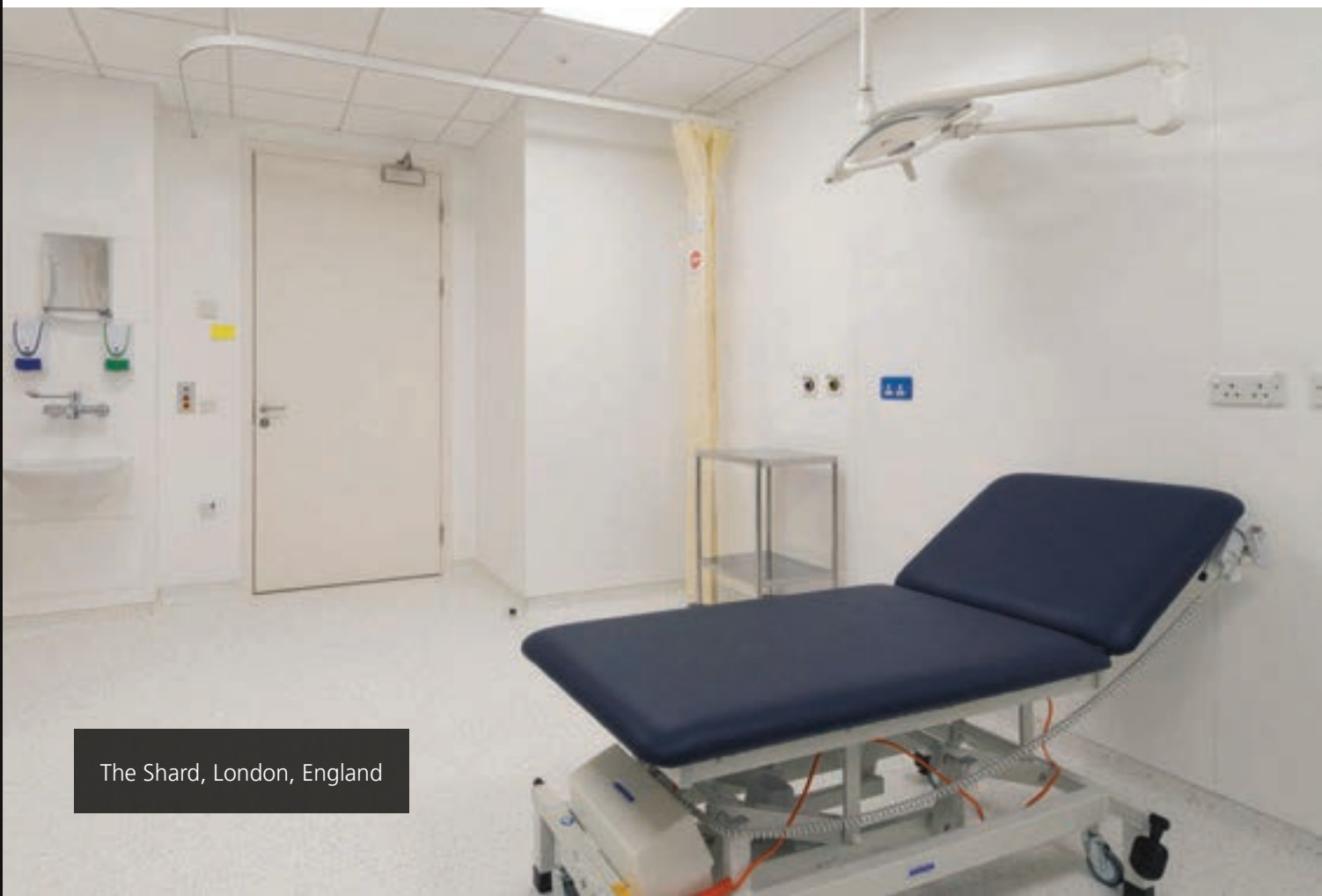
Options not covered by CE.

Other Benefits

- Silver and Plated finishes

TS.3204 Components


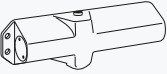
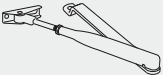
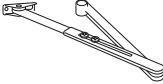
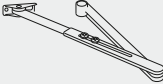
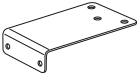
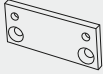
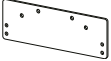
Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.3204 Standard unit (closer, snap fix armset and PA bracket)</p>	3	Silver	11364	TS.3204.FB.SE	10
	3	Gold	11363	TS.3204.FB.GE	10
 <p>TS3204 Combined unit (closer, flat bar armset, cover and PA bracket)</p>	3	Silver	11371	TS.3204.SLFB.SESE	8
	3	Satin Nickel	11374	TS.3204.SLFB.SNPSNP	8
	3	Polished Nickel	11367	TS.3204.SLFB.PNPPNP	8
	3	Electro Brass	11369	TS.3204.SLFB.PVDPVD	8
	3	Satin Brass	11953	TS.3204.SLFB.SBSB	8
	3	Gold	11365	TS.3204.SLFB.GEGE	8
	3	White	11329	TS.3204.SLFB.WHWH	8
	3	Colour Coated	11864	TS.3204.SLFB.RAL*RAL*	8
	WITH BACK CHECK				
 <p>TS.3204 Standard unit closer, flat bar armset, cover, PA bracket with BACK CHECK</p>	3	Silver	11394	TS.3204BC.FB.SE	10
	3	Silver	11397	TS.3204BC.SLFB.SESE	8
 <p>TS.3204 Combined unit closer, flat bar armset, cover, PA bracket with BACK CHECK</p>	3	Satin Nickel	11399	TS.3204BC.SLFB.SNPSNP	8
	3	Polished Nickel	11395	TS.3204BC.SLFB.PNPPNP	8
	3	Electro Brass	11396	TS.3204BC.SLFB.PVDPVD	8
	3	Satin Brass	11954	TS.3204BC.SLFB.SBSB	8
	3	Gold	11413	TS.3204BC.SLFB.GEGE	8



The Shard, London, England

TS.3204 Components



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
Hollow Door Fixing Packs		Silver	11149	HDF.34.SE	10
		Satin Nickel	11150	HDF.34.SNP	10
		Polished Nickel	11147	HDF.34.PNP	10
		Gold	11146	HDF.34.GE	10
		Electro Brass	11148	HDF.34.PVD	10
 TS.3204 Covers		Solid Stainless	11293	SR.34.SSS	25
		Silver	11262	SL.34.SE	25
		Satin Nickel	11263	SL.34.SNP	25
		Polished Nickel	11260	SL.34.PNP	25
		Gold	11259	SL.34.GE	25
		Electro Brass	11261	SL.34.PVD	25
		Satin Brass	11432	SL.34.SB	25
 TS.3204 Body only with back check TS.3204 Body only	-	Silver	11414	TS.3204BCSE	25
	-	Silver	11412	TS.3204SE	25
 TS.3204 Star Cut Screw Type Armset (includes fixings & PA bracket)	-	Solid Stainless	11337	STA.3.SE	25
 Hold Open Arms Pull side	-	Silver	11152	HOA.1.SE	25
	-	Black	11975	HOA.1.BK	25
 Standard Flat Bar Armset		Solid Stainless	11093	FBA.1.SSS	25
		Silver	11091	FBA.1.SE	25
		Satin Nickel	11092	FBA.1.SNP	25
		Polished Nickel	11087	FBA.1.PNP	25
		Gold	11086	FBA.1.GE	25
		Electro Brass	11089	FBA.1.PVD	25
		Satin Brass	11090	FBA.1.SB	25
 Parallel Arm Bracket (includes fixings)		Silver	11186	PAB.1.SE	10
		Satin Nickel	11187	PAB.1.SNP	10
		Polished Nickel	11182	PAB.1.PNP	10
		Electro Brass	11184	PAB.1.PVD	10
 Shoe plate (includes fixings)	-	Silver	11269	SP.1.SE	50
	-	Satin Nickel	11270	SP.1.SNP	50
 Drop plate (includes fixings)	-	Silver	11039	DP.34.SE	10
	-	Gold	12164	DP.34.GE	10
Fixing pack	-	Silver	11961	FIX.34.SE	10

TS.4204 Door Closer

Power Adjustable EN2-4 by Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)

Product Overview

- ✓ Variable power adjustment EN2-4
- ✓ Engineered from exceptional high quality components
- ✓ CE marked and UL listed
- ✓ Universal fitting
- ✓ Back check and delayed action features are as standard on this model
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire Tested to
EN1634
& UL 10C



Max Door
Weight 80kg



Opening Angle
180°



Max Door Width
1100mm



Adjustable
Closing Speed



Guarantee



Universal
Application



Power Size
EN2-4



Adjustable
Delayed Action



Back Check



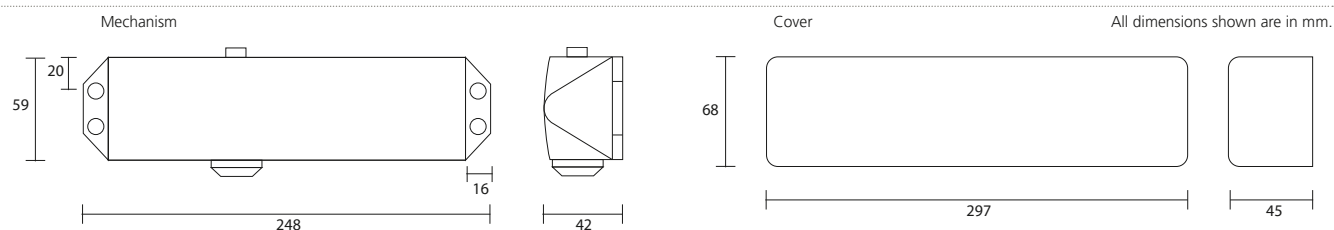
4204DABC-
CPR131218



Rut Lock



IFCC 1433



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.4204 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

Standard Arm Fig 1.

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

BS EN 1634 Fire Test

TS.4204 closers have been tested to EN 1634 for 30, 60 and 120 minute door sets. Test certificates are available on request.

Options

- Hold-Open arm (Not to be used on fire doors)
- Drop plate

Options not covered by CE.

Other Benefits

- Painted and Plated finishes

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.4204 Combined unit closer, flat bar armset, cover, PA bracket with DELAYED ACTION & BACK CHECK</p>	2-4	Silver	12109	TS.4204DABC.SLFB.SESE	6
	2-4	Satin Nickel	12110	TS.4204DABC.SLFB.SNPPNP	6
	2-4	Polished Nickel	12111	TS.4204DABC.SLFB.PNPPNP	6
	2-4	Electro Brass	12112	TS.4204DABC.SLFB.PVDPVD	6

TS.5204 Door Closer

Power Adjustable
EN2-4 by
Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)



Gold (GE)

Product Overview

- ✓ Variable Power adjustment EN2-4
- ✓ CE marked and UL listed
- ✓ Assists Document M and BS 8300
- ✓ Universal fitting
- ✓ Available with back check
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire Tested to
EN1634
& UL10C



Max Door
Weight 80kg



Opening Angle
180°



Max Door Width
1100mm



Adjustable
Closing Speed



5204BC-
00CPR171218



Universal
Application



Power Size
EN2-4



Adjustable
Latch Speed



Back Check



Min Door
920mm fig1
887mm fig66



Guarantee

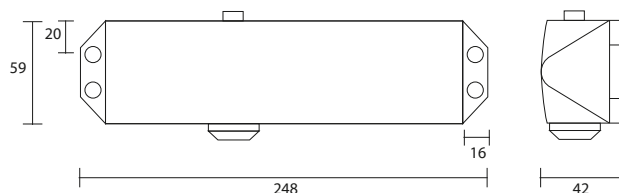


Rut Lock



IFCC 1434

Mechanism



Cover

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.5204 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

Standard Arm Fig 1.

4	8	$\frac{4}{2}$	1	1	3
---	---	---------------	---	---	---

BS EN 1634 Fire Test

TS.5204 closers have been tested to EN 1634 for 30, 60 and 120 minute door sets. Test certificates are available on request.

The TS.5204 door closer with its high efficiency engineering meets and exceeds the BS 8300 Equalities Act, Document M, helping to assist door sets with the ease of opening doors.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

ITT Timber Leaf & Timber Frame

May be fitted Standard, Parallel Arm or Transom fixing position on previously tested single-acting, latched or unlatched, intumescent sealed timber door and timber frame assemblies.

Options




- Hold-Open arm (Not to be used on fire doors)
- Drop plate
- Delayed Action

Options not covered by CE.

Other Benefits

- Painted and Plated finishes

TS.5204 Components



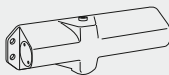

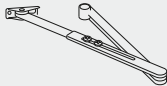
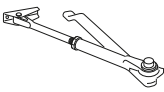
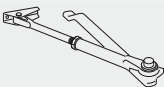
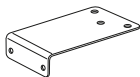
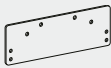
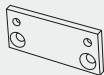
Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
WITH DELAYED ACTION AND BACK CHECK					
 <p>TS.5204 Standard unit (closer, flat bar and Delayed Action and Back Check)</p>	2-4	Silver	11501	TS.5204DABC.FB.SE	10
	2-4	Silver	11826	TS.5204DABC.SRFB.SESE	6
 <p>TS.5204 Combined unit (closer, flat bar armset, cover, PA bracket and Back Check)</p>	2-4	Satin Nickel	11272	TS.5204DABC.SRFB.SNPSNP	6
	2-4	Polished Nickel	11273	TS.5204DABC.SRFB.PNPPNP	6
	2-4	Electro Brass	11274	TS.5204DABC.SRFB.PVDPVD	6
	2-4	Colour Coated	11253	TS.5204DABC.SRFB.RAL*RAL*	6
 <p>TS.5204 Mechanism only with Delayed Action and Back Check</p>	2-4	Silver	11822	TS.5204DABC	10



Townlands Hospital,
Henley-on-Thames, England

TS.5204 Components



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.5204 Standard unit (closer, flat bar and PA bracket and Back Check)</p>	2-4	Silver	11406	TS.5204BC.FB.SE	10
	2-4	Gold	11830	TS.5204BC.FB.GE	10
 <p>TS.5204 Combined unit (closer, flat bar armset, cover, PA bracket and Back Check)</p>	2-4	Silver	11409	TS.5204BC.SRFB.SESE	6
	2-4	Satin Nickel	11410	TS.5204BC.SRFB.SNPSNP	6
	2-4	Polished Nickel	11407	TS.5204BC.SRFB.PNPPNP	6
	2-4	Electro Brass	11408	TS.5204BC.SRFB.PVDPVD	6
	2-4	Gold	12053	TS.5204BC.SRFB.GEGE	6
	2-4	Colour Coated	11867	TS.5204BC.SRFB.RAL*RAL*	6
 <p>TS.5204 Mechanism only with Back Check</p>	2-4	Silver	11415	TS.5204BC.SE	10
	2-4	Gold	11890	TS.5204BC.GE	10
 <p>TS.5204 Semi Radius Covers</p>	-	Silver	11296	SR.54.SE	25
	-	Satin Nickel	11297	SR.54.SNP	25
	-	Polished Nickel	11294	SR.54.PNP	25
	-	Electro Brass	11295	SR.54.PVD	25
	-	Gold	12052	SR.54.GE	25
	-	Silver	11091	FBA.1.SE	25
 <p>TS.5204 Flat bar armset (includes fixings and PA bracket)</p>	-	Gold	11086	FBA.1.GE	25
	-	Satin Nickel	11092	FBA.1.SNP	25
	-	Polished Nickel	11087	FBA.1.PNP	25
	-	Electro Brass	11089	FBA.1.PVD	25
 <p>TS.5204 Fig 1 Hold open armset (includes fixings) Adjustable strength 2/4 (For Fig 66 see page 19)</p>	-	Silver	11156	HOA.2.SE	25
	-	Black	11155	HOA.2.BK	25
 <p>TS.5204 Fig 66 Hold open armset (includes fixings) Adjustable strength 2/4)</p>	-	Silver	11158	HOPA.2.SE	25
	-	Black	11157	HOPA.2.BK	25
 <p>TS.5204 Parallel arm bracket (Includes fixings)</p>	-	Silver	11186	PAB.I.SE	50
	-	Gold	11181	PAB.I.GE	50
	-	Satin Nickel	11187	PAB.I.SNP	50
	-	Polished Nickel	11182	PAB.I.PNP	50
	-	Electro Brass	11184	PAB.I.PVD	50
 <p>TS.5204 Drop plate (includes fixings)</p>	-	Silver	11041	DP.54.SE	10
5000 Series fixing packs	-	Silver	11962	FIX.50.SE	100
 <p>Shoe plate (includes fixings)</p>	-	Silver	11269	SP.1.SE	50
	-	Satin Nickel	11270	SP.1.SNP	50

TS.5206 Door Closer

Power Adjustable
EN2-6 by
Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)

Product Overview

- ✓ Variable power size EN 2-6
- ✓ Heavy Duty closer
- ✓ UL listed
- ✓ Universal fitting
- ✓ Refined to the highest standards that meets and exceeds the requirements of BHMA/ANSI 156.4 Grade 1
- ✓ Available with back check
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire Tested
up to 60mins



Max Door
Weight 120kg



Opening Angle
180°



Max Door Width
1400mm



Adjustable
Closing Speed



Adjustable
Delayed Action



Universal
Application



Power Size
EN2-6



Adjustable
Latch Speed



Back Check



Guarantee



Min Door
835mm

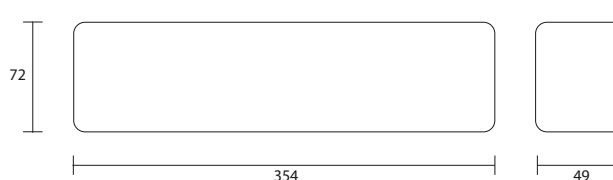
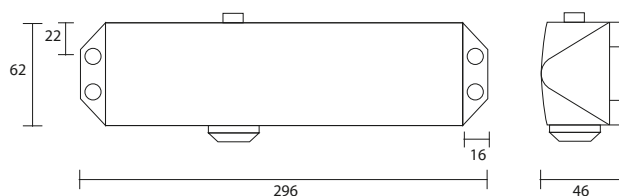


Rut Lock

Mechanism

Cover

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

UL Listed

The TS.5206 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

ANSI Grade 1

The TS.5206 has been tested to the American National Standards Institute (ANSI) Grade 1, part of which includes the 2 million cycle performance.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

Options

- Hold-Open arm (Not to be used on fire doors)
- Drop plate

Other Benefits

- Painted and plated finishes

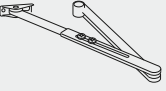
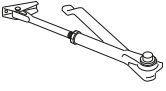
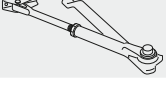

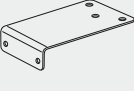
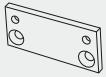


The Shard, London, England

TS.5206 Components

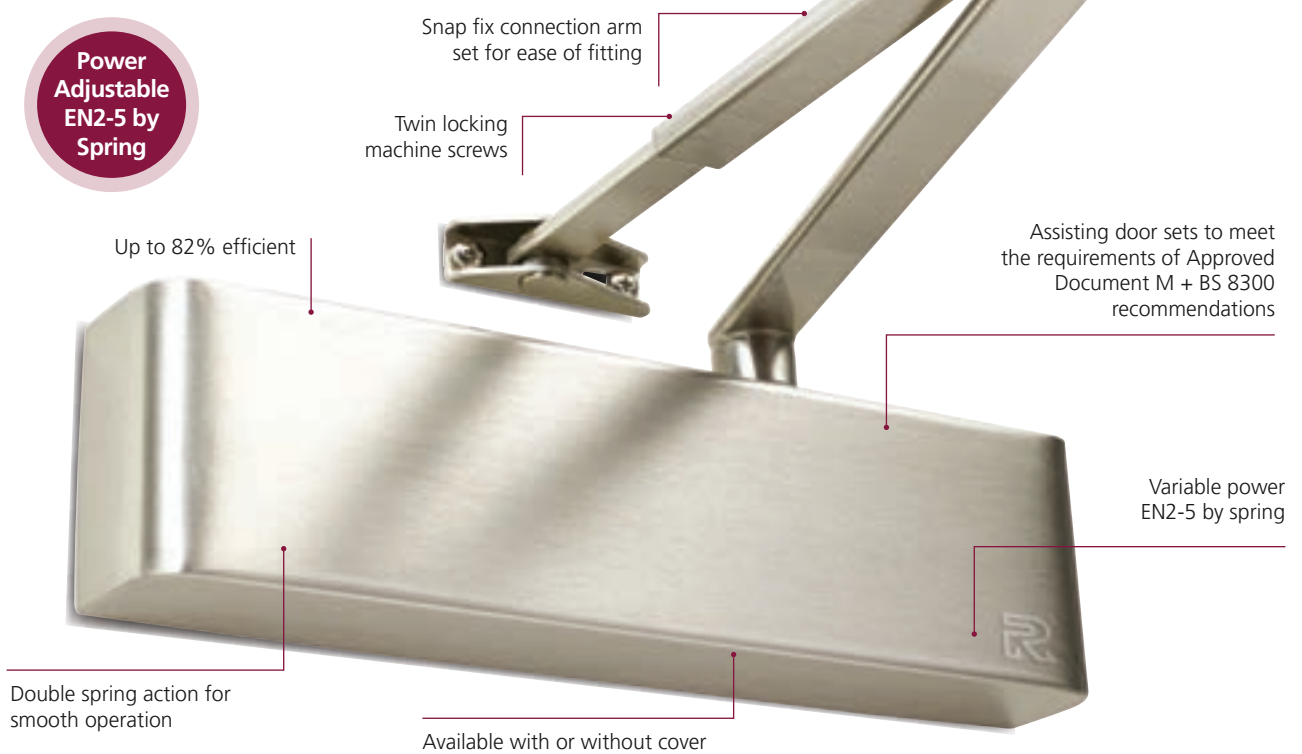


Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 TS.5206 Standard unit (closer, flat bar armset and Delayed Action and Back Check)	2-6	Silver	11827	TS.5206DABC.FB.SE	10
 TS.5206 Combined unit (closer, flat bar armset, cover, PA bracket Delayed Action and Back Check)	2-6	Silver	11833	TS.5206DABC.SRFB.SESE	6
	2-6	Satin Nickel	11834	TS.5206DABC.SRFB.SNPSNP	6
	2-6	Polished Nickel	11831	TS.5206DABC.SRFB.PNPPNP	6
	2-6	Electro Brass	11832	TS.5206DABC.SRFB.PVDPVD	6
	2-6	Colour Coated	11670	TS.5206DABC.SRFB.RAL*RAL*	6
 TS.5206 Mechanism only with Delayed Action and Back Check	2-6	Silver	11828	TS.5206DABC.SE	10

 TS.5206 Flat bar armset (includes fixings and PA bracket)	-	Silver	11091	FBA.1.SE	25
	-	Satin Nickel	11092	FBA.1.SNP	25
	-	Polished Nickel	11087	FBA.1.PNP	25
	-	Electro Brass	11089	FBA.1.PVD	25
 TS.5206 Fig 1 Hold open armset (includes fixings)	-	Silver	11156	HOA.2.SE	25
	-	Black	11155	HOA.2.BK	25
 TS.5206 Fig 66 Hold open armset (includes fixings) Adjustable strength 2/4	-	Silver	11158	HOPA.2.SE	25
	-	Black	11157	HOPA.2.BK	25
 TS.5206 Semi radius cover	-	Silver	11824	SR.56.SE	25
	-	Satin Nickel	11825	SR.56.SNP	25
	-	Polished Nickel	11858	SR.56.PNP	25
	-	Electro Brass	11859	SR.56.PVD	25
 TS.5206 Parallel arm bracket (Includes fixings)	-	Silver	11186	PAB.I.SE	50
	-	Gold	11181	PAB.I.GE	50
	-	Satin Nickel	11187	PAB.I.SNP	50
	-	Polished Nickel	11182	PAB.I.PNP	50
	-	Electro Brass	11184	PAB.I.PVD	50
5000 Series fixing packs	-	Silver	11962	FIX.50.SE	100
 Shoe plate	-	Silver	11269	SP.1.SE	50
	-	Satin Nickel	11270	SP.1.SNP	50

TS.9205 Door Closer

Power Adjustable EN2-5 by Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)



Satin Stainless Steel (SSS)



Polished Stainless (PSS)



Black (BK)



Antique Brass (AB)



Antique Copper (AC)



Satin Brass (SB)



Light Bronze (LB)



Medium Bronze (MB)



Dark Bronze (DB)



Weathered Bronze (WB)



Antique Pewter (AP)



Marine 316 (M)

Product Overview

- ✓ Variable power size EN 2-5
- ✓ CE marked and UL listed
- ✓ Available with delayed action and back check
- ✓ Universal fitting
- ✓ Renown high efficiency, quality, reliability and ease of opening
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire tested to EN1634 & UL 10C



Max Door Weight EN2-5 up to 110kg



Opening Angle 180°



Max Door Width EN2-5 up to 1250mm



Adjustable Closing Speed



Adjustable Delayed Action



Min Door 835mm fig1 728mm fig66



Universal Application



Power Size EN2-5



Adjustable Latch Speed



Adjustable Back Check



Guarantee



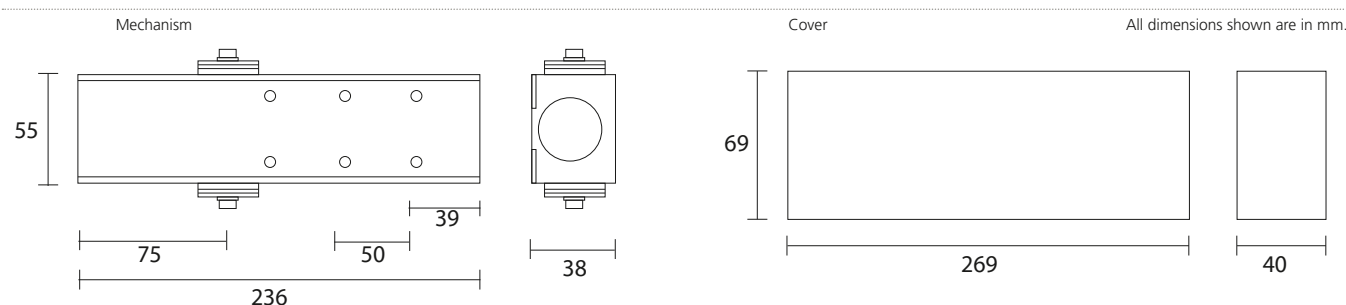
TS9205DABC-CPR171218



IFCC 1436



Rut Lock



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.9205 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

Standard Arm Fig 1.

4	8	5/2	1	1	3
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Parallel Arm Fig 66.

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

The TS.9205 high efficiency door closer is 'Engineered to Perform', assisting door sets meet the requirement of Approved Document M and BS8300 recommendations.

BS EN 1634 Fire Test

TS.9205 closers have been tested to BS EN 1634 for 30, 60 and 120 minutes on timber doorsets, and 240 minutes on metal doorsets. (Fig 1, 61, 66, and slide arm applications).

UL Listed

The TS.9205 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

Certificate number: IFCC 1436

Acceptable doorset types detailed in PAR/18211/01 Rev B relates to use with the following door assemblies:-

TT Timber Leaf & Timber Frame

May be fitted Standard, Parallel arm or Transom fixing position on previously tested single-acting, latched or un-latched, intumescent sealed timber door and timber frame assemblies.

IMM & MM Metal Leaf & Metal Frame

May be fitted Standard or Parallel arm fixing position to single-acting steel door assemblies, if required to the fire risk or non-fire-risk face of the leaf of previously tested uninsulating or insulating steel door leaf and frame assemblies.



Options

- Hold-Open arm (Not to be used on fire doors. *Not covered by CE*)
- Drop plate (*Not covered by CE*)
- For uninsulated doors see code in components list for intumescent kit



Other Benefits

- BS8300 (Min door width 835mm) FIG1
- BS8300 (Min door width 728mm) FIG66
- All finishes available



TS.9205 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 TS.9205 Slimline architectural door closer standard unit with screw type or flat bar armset, trimplate body, cap and PA bracket. NO COVER	2-5	Silver	11598	TS.9205.FB.SE	10
 TS.9205 Slimline architectural door closer combined unit with flat bar armset, semi-radius cover and PA bracket.	2-5	Silver	11626	TS.9205.SRFB.SESE	8
	2-5	Satin Nickel	11629	TS.9205.SRFB.SNPSNP	8
	2-5	Polished Nickel	11617	TS.9205.SRFB.PNPPNP	8
	2-5	Electro Brass	11622	TS.9205.SRFB.PVDPVD	8
	2-5	Satin Stainless Steel	11632	TS.9205.SRFB.SSSSSS	8
	2-5	Polished Stainless	11620	TS.9205.SRFB.PSSPSS	8
	2-5	Black	11884	TS.9205.SRFB.RAL9011BK	8
	2-5	Colour Coated	11883	TS.9205.SRFB.RALRAL	8

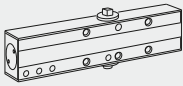
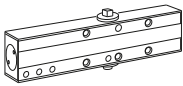
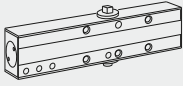
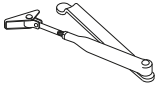
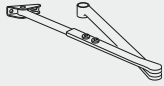
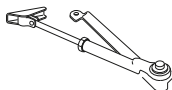
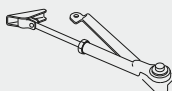
WITH BACK CHECK

 TS.9205BC Slimline architectural door closer standard unit with back check, screw type or flat bar armset, trimplate body, cap and PA bracket. NO COVER	2-5	Silver	11664	TS.9205BC.FB.SE	10
 TS.9205BC Slimline architectural door closer combined unit with back check, flat bar armset, semi-radius cover and PA bracket.	2-5	Silver	11692	TS.9205BC.SRFB.SESE	8
	2-5	Satin Nickel	11695	TS.9205BC.SRFB.SNPSNP	8
	2-5	Polished Nickel	11683	TS.9205BC.SRFB.PNPPNP	8
	2-5	Electro Brass	11688	TS.9205BC.SRFB.PVDPVD	8
	2-5	Satin Stainless Steel	11698	TS.9205BC.SRFB.SSSSSS	8
	2-5	Polished Stainless	11686	TS.9205BC.SRFB.PSSPSS	8
	2-5	Black	11773	TS.9205BC.SRFB.RAL9011BK	8
	2-5	Colour Coated	11912	TS.9205BC.SRFB.RAL*RAL*	8

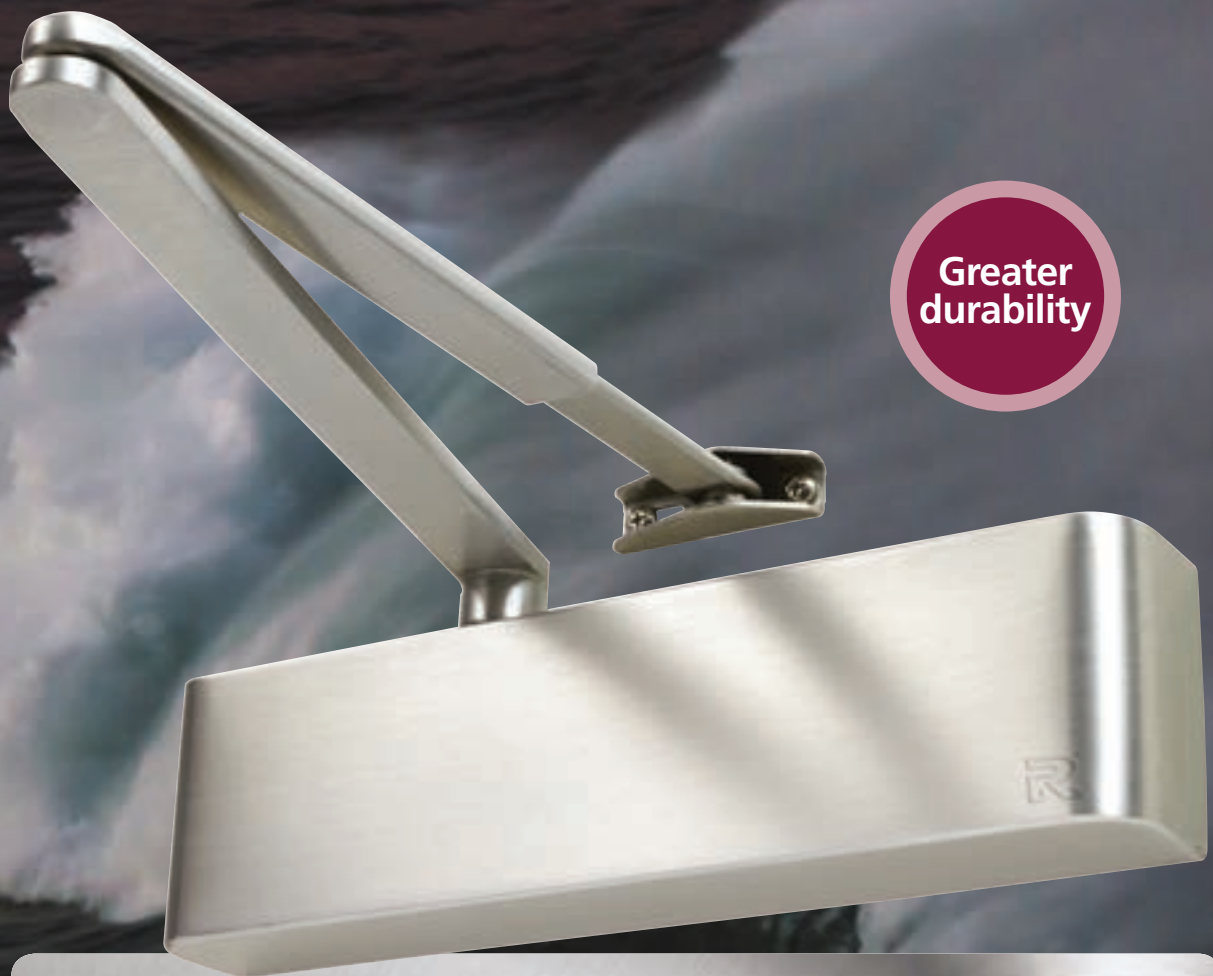
WITH DELAYED ACTION AND BACK CHECK

 TS.9205DABC Slimline architectural door closer standard unit with back check, delayed action, screw type or flat bar armset, trimplate body, cap and PA bracket. NO COVER	2-5	Silver	11730	TS.9205DABC.FB.SE	10
 TS.9205DABC Slimline architectural door closer combined unit with back check, delayed action, flat bar armset, semi-radius cover and PA bracket.	2-5	Silver	11758	TS.9205DABC.SRFB.SESE	8
	2-5	Satin Nickel	11761	TS.9205DABC.SRFB.SNPSNP	8
	2-5	Polished Nickel	11749	TS.9205DABC.SRFB.PNPPNP	8
	2-5	Electro Brass	11754	TS.9205DABC.SRFB.PVDPVD	8
	2-5	Satin Stainless Steel	11764	TS.9205DABC.SRFB.SSSSSS	8
	2-5	Polished Stainless	11752	TS.9205DABC.SRFB.PSSPSS	8
	2-5	Antique Pewter	12074	TS.9205DABC.SRFB.APAP	8
	2-5	Antique Brass	11748	TS.9205DABC.SRFB.ABAB	8
	2-5	Antique Copper	12136	TS.9205DABC.SRFB.ACAC	8
	2-5	Satin Brass	11760	TS.9205DABC.SRFB.SBSB	8
	2-5	Dark Bronze	12129	TS.9205DABC.SRFB.DBDB	8
	2-5	Medium Bronze	12131	TS.9205DABC.SRFB.MBMB	8
	2-5	Light Bronze	12130	TS.9205DABC.SRFB.LBLB	8
	2-5	Weathered Bronze	12137	TS.9205DABC.SRFB.WBWB	8
	2-5	Black	11917	TS.9205DABC.SRFB.RAL9011BK	8
	2-5	Marine 316	12095	TS.9205DABC.SRFB.A3.316SMARS	8
	2-5	Imitation bronze	11430	TS.9205DABC.SRFB.IBMAIBMA	8
	2-5	Colour Coated	11916	TS.9205DABC.SRFB.RAL*RAL*	8
2-5	Oil Rubbed Bronze	12151	TS.9205DABC.SRFB.ORBORB	8	

TS.9205 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 TS.9205 Mechanism including delayed action and back check (Infinitely variable power)	2-5	Silver	11733	TS.9205DABC	10
 TS.9205 Mechanism including back check (Infinitely variable power)	2-5	Silver	11667	TS.9205BC	10
 TS.9205 Mechanism only (Infinitely variable power)	2-5	Silver	11601	TS.9205	10
 TS.9205 Star Cut Screw Type Armset (includes fixings & PA bracket)	-	Silver	11337	STA.3.SE	25
 TS.9000 Series standard flat bar armset (Includes fixings and PA bracket)		Silver	11091	FBA.1.SE	25
		Satin Nickel	11092	FBA.1.SNP	25
		Polished Nickel	11087	FBA.1.PNP	25
		Electro Brass	11089	FBA.1.PVD	25
		Satin Stainless	11093	FBA.1.SSS	25
		Polished Stainless	11088	FBA.1.PSS	25
		Antique Pewter	12067	FBA.1.AP	25
		Antique Brass	11084	FBA.1.AB	25
		Antique Copper	12132	FBA.1.AC	25
		Satin Brass	11090	FBA.1.SB	25
		Dark Bronze	12123	FBA.1.DB	25
		Medium Bronze	12125	FBA.1.MB	25
		Light Bronze	12124	FBA.1.LB	25
		Weathered Bronze	12133	FBA.1.WB	25
		Black	11085	FBA.1.BK	25
		Marine 316	12094	FBA.3.MARS	25
		Imitation Bronze	11422	FBA.1.IBMA	25
		Gold	11086	FBA.1.GE	25
	Colour Coated	11956	FBA.1.RAL	25	
	Oil Rubbed Bronze	12149	FBA.1.ORB	25	
 TS9000 Series hold open armset (includes fixings) adjustable strength	Fig 1 only	Silver	11156	HOA.2.SE	25
	Fig 1 only	Black	11155	HOA.2.BK	25
 TS9000 Series hold open armset (includes fixings) adjustable strength	Fig 66 only	Silver	11158	HOPA.SE	25
	Fig 66 only	Black	11157	HOPA.BK	25
Intumescent for un-insulated 'steel' fire doors	-	-	12410	IP95M	100

Marine 316 finish



Marine 316

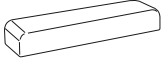

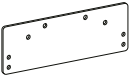
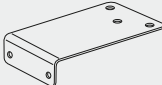
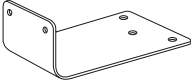
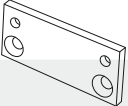
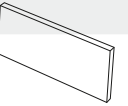
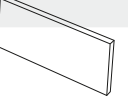
A true Stainless Steel finish:

- ✓ Available for the TS.9205 & TS.9206 door closers
- ✓ Ideal for extreme corrosive environments
- ✓ No Tarnish and very hygienic

For technical specification of the door closers, see individual product data sheet.

TS.9205 Components



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.9000 Series semi radius cover</p>	-	Silver	11317	SR.90.SE	25
		Satin Nickel	11318	SR.90.SNP	25
		Polished Nickel	11312	SR.90.PNP	25
		Electro Brass	11314	SR.90.PVD	25
		Satin Stainless	11319	SR.90.SSS	25
		Polished Stainless	11313	SR.90.PSS	25
		Colour Coated	12020	SR.90.RAL	25
		Polished Brass	11311	SR.90.PB	25
		Antique Brass	11307	SR.90.AB	25
		Satin Brass	11316	SR.90.SB	25
		Medium Bronze	12128	SR.90.MB	25
		Dark Bronze	12126	SR.90.DB	25
		Light Bronze	12127	SR.90.LB	25
		Weathered Bronze	12135	SR.90.WB	25
		Oil Rubbed Bronze	12150	SR.90.ORB	25
		Antique Pewter	12066	SR.90.AP	25
		Antique Copper	12134	SR.90.AC	25
		Gold	11308	SR.90.GE	25
		Imitation Bronze	11309	SR.90.IBMA	25
 <p>TS.9000 Series square cover</p>	-	Silver	11286	SQ.90.SE	25
		Satin Nickel	11287	SQ.90.SNP	25
		Polished Nickel	11283	SQ.90.PNP	25
		Electro Brass	11285	SQ.90.PVD	25
		Satin Stainless	11288	SQ.90.SSS	25
		Polished Stainless	11284	SQ.90.PSS	25
 <p>TS.9205 Drop plate (Includes fixing kit)</p>	-	Silver	11050	DP.95.SE	10
		Satin Nickel	11051	DP.95.SNP	10
		Polished Nickel	11048	DP.95.PNP	10
		Electro Brass	11049	DP.95.PVD	10
 <p>TS.9000 Series parallel arm bracket (Includes fixings)</p>	-	Silver	11186	PAB.1.SE	50
		Black	11180	PAB.1.BK	50
		Gold	11181	PAB.1.GE	50
		Satin Nickel	11187	PAB.1.SNP	50
		Polished Nickel	11182	PAB.1.PNP	50
		Electro Brass	11184	PAB.1.PVD	50
		Satin Stainless	11188	PAB.1.SSS	50
		Polished Stainless	11183	PAB.1.PSS	10
 <p>TS.9000 Series architrave bracket (Includes fixings)</p>	-	Silver	11006	AB.1.SE	50
		Black	11001	AB.1.BK	50
		Satin Nickel	11007	AB.1.SNP	50
		Polished Nickel	11002	AB.1.PNP	50
		Electro Brass	11004	AB.1.PVD	50
		Satin Stainless	11008	AB.1.SSS	50
<p>TS.9000 Series fixings pack</p>	-	Polished Stainless	11003	AB.1.PSS	50
		Silver	11132	FIX.90.SE	100
 <p>Shoe plate</p>	-	Silver	11269	SP.1.SE	50
		Satin Nickel	11270	SPA.1.SNP	50
 <p>Trim Plate</p>	-	Silver	11342	TP.95.SE	100
 <p>Mounting Plate</p>	-	Silver	12032	MP.95.SE	50

TS.9206 Door Closer

Power Adjustable EN2-6 by Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)



Satin Stainless Steel (SSS)



Polished Stainless (PSS)



Black (BK)



Marine 316 (M)

Product Overview

- ✓ Variable power size EN 2-6, adjustable by spring
- ✓ CE marked and UL listed
- ✓ Available with back check and delayed action
- ✓ Universal fitting
- ✓ Renown for high efficiency, immense torque and ultimate control
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



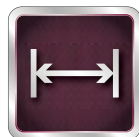
Tested to
EN1634
& UL 10C



Max Door Weight
up to 120kg



Opening Angle
180°



Max Door Width
up to 1400mm



Adjustable
Closing Speed



Adjustable
Delayed Action



Rut Lock



Universal
Application



Power Size
EN2-6



Adjustable
Latch Speed



Adjustable
Back Check



Guarantee



9204000CPR171218

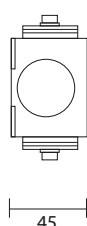
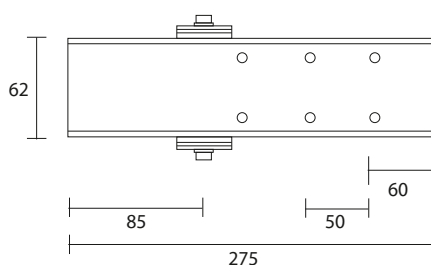


1437

Mechanism

Cover

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.9206 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

Standard Arm Fig 1.

4	8	6 2	1	1	3
---	---	--------	---	---	---

BS EN 1634 Fire Test

TS.9206 door closers are fire tested to BS EN 1634. (Fig 1, 61, 66, and slide arm applications).

UL Listed

The TS.9206 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

ITT Timber Leaf & Timber Frame

May be fitted Standard, Parallel arm or Transom fixing position on previously tested single-acting intumescent sealed timber door and timber frame assemblies tested to the proposed configuration intended i.e. single or double doors, latched or unlatched, capable of providing the intended integrity and insulation.

IMM & MM Metal Leaf & Metal Frame

May be fitted Standard or Parallel arm fixing position onto a previously tested (in accordance with BS EN 1634-1) steel-based doorset which has been shown to be capable of providing up to 240 minutes integrity, and insulation where appropriate, on single-acting steel door assemblies, if required to the fire risk or non-fire-risk face of the leaf of previously tested un-insulating or insulating steel door leaf and frame assemblies.

- For uninsulated steel doors please use IP.96M

Options



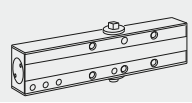
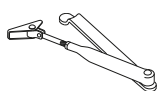
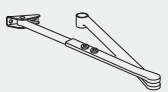
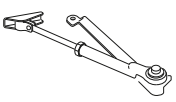

- Hold-Open arm (Not to be used on fire doors)
- Drop plate

Options not covered by CE.

Other Benefits

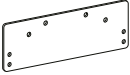




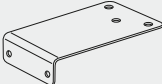








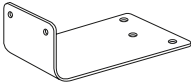









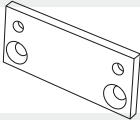


- All finishes available

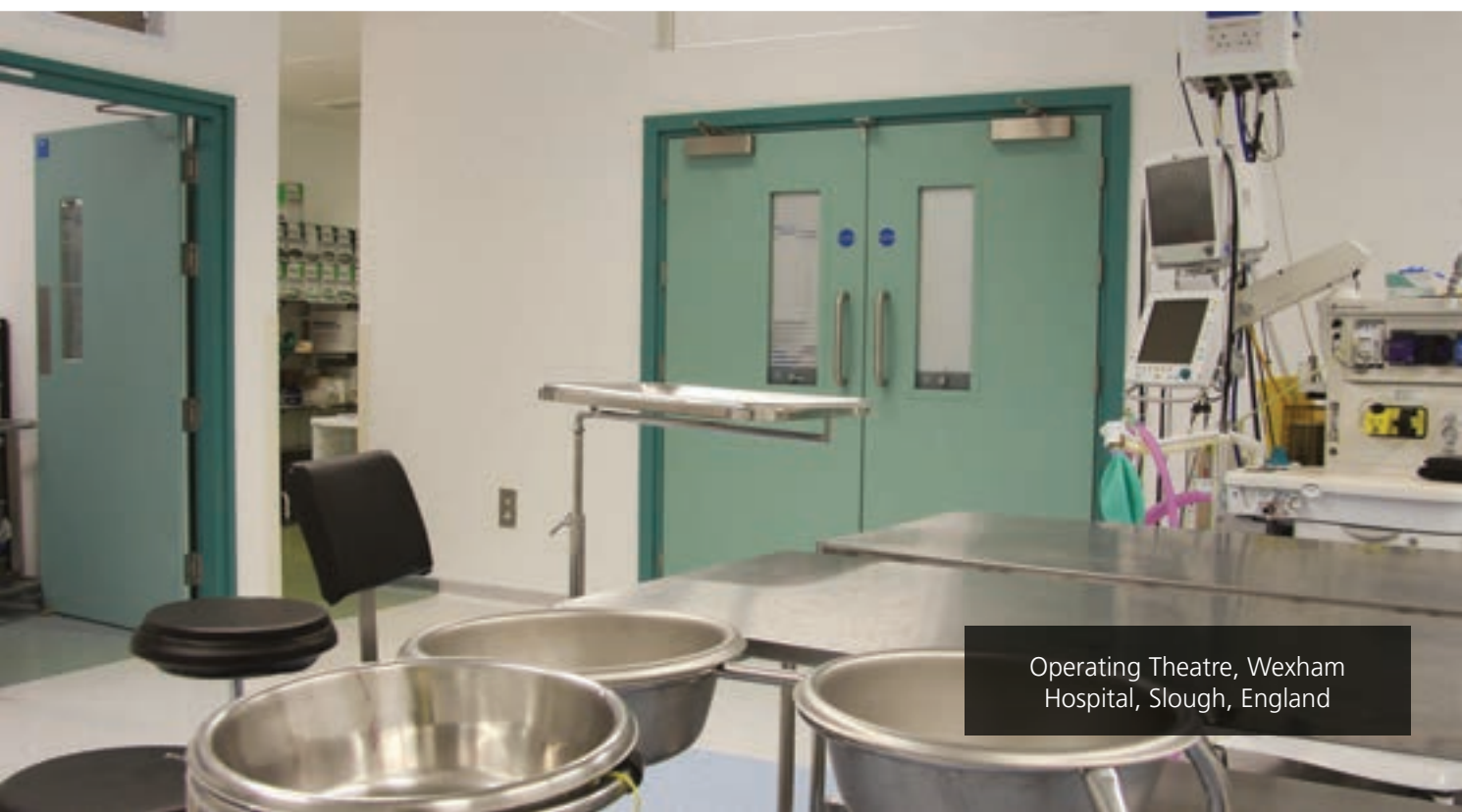
TS.9206 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
WITH DELAYED ACTION AND BACK CHECK					
 <p>TS.9206 Slimline architectural door closer standard unit with back check, delayed action, flat type armset, trimplate body, cap and PA bracket.</p>	2-6	Silver	11797	TS.9206DABC.FB.SE	6
	2-6	Silver	11806	TS.9206DABC.SRFB3.SESE	6
 <p>TS.9206 Slimline architectural door closer combined unit with back check, delayed action, flat bar armset, semi-radius cover and PA bracket.</p>	2-6	Satin Nickel	11807	TS.9206DABC.SRFB3.SNPSNP	6
	2-6	Polished Nickel	11800	TS.9206DABC.SRFB3.PNPPNP	6
	2-6	Electro Brass	11802	TS.9206DABC.SRFB3.PVDPVD	6
	2-6	Satin Stainless Steel	11809	TS.9206DABC.SRFB3.SSSSSS	6
	2-6	Polished Stainless	11801	TS.9206DABC.SRFB3.PSSPSS	6
	2-6	Black	11931	TS.9206DABC.SRFB3.RAL9011BK	6
	2-6	Marine 316	12116	TS.9206DABC.SRFB3.MARS316	6
	2-6	Colour Coated	11604	TS.9206DABC.SRFB3.RAL*RAL*	6
 <p>TS.9206 Mechanism only including delayed action and back check (Infinitely variable power)</p>	2-6	Silver	11799	TS.9206DABC	10
 <p>TS.9000 Series standard screw type armset (Star cut) (Includes fixings and PA bracket)</p>	-	Silver	11337	STA.3.SE	25
 <p>TS.9206 Series flat bar armset (star cut) (Includes fixings and PA bracket)</p>	-	Silver	11105	FBA.3.SE	25
	-	Black	11101	FBA.3.BK	25
	-	Satin Nickel	11106	FBA.3.SNP	25
	-	Polished Nickel	11102	FBA.3.PNP	25
	-	Electro Brass	11104	FBA.3.PVD	25
	-	Satin Stainless Steel	11107	FBA.3.SSS	25
	-	Polished Stainless	11103	FBA.3.PSS	25
	-	Marine 316	12094	FBA.3.MARS	25
 <p>TS.9206 Series hold open armset (includes fixings) adjustable strength</p>	Fig 1 only	Silver	11156	HOA.2.SE	25
	Fig 1 only	Black	11155	HOA.2.BK	25
	Fig 66 only	Silver	11158	HOPA.SE	25
	Fig 66 only	Black	11157	HOPA.BK	25
 <p>TS.9206 Series semi radius cover</p>	-	Silver	11326	SR.96.SE	25
	-	Satin Nickel	11327	SR.96.SNP	25
	-	Polished Nickel	11321	SR.96.PNP	25
	-	Electro Brass	11323	SR.96.PVD	25
	-	Satin Stainless Steel	11328	SR.96.SSS	25
	-	Polished Stainless	11322	SR.96.PSS	25
	-	Black	12095	SR.96.RAL9011	25
	-	Marine 316	12115	SR.96.316S	25

TS.9206 Components



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.9206 Drop plate (Includes fixing kit)</p>	-	Silver 	11054	DP.96.SE	10
		Satin Nickel 	11055	DP.96.SNP	10
		Polished Nickel 	11052	DP.96.PNP	10
		Electro Brass 	11053	DP.96.PVD	10
 <p>TS.9000 Series parallel arm bracket (Includes fixings)</p>	-	Silver 	11186	PAB.1.SE	50
		Black 	11180	PAB.1.BK	50
		Polished Stainless 	11183	PAB.1.PSS	50
		Satin Nickel 	11187	PAB.1.SNP	50
		Polished Nickel 	11182	PAB.1.PNP	50
		Electro Brass 	11184	PAB.1.PVD	50
		Satin Stainless Steel 	11188	PAB.1.SS	50
		Silver 	11006	AB.1.SE	50
 <p>TS.9000 Series architrave bracket (Includes fixings)</p>	-	Black 	11001	AB.1.BK	50
		Satin Nickel 	11007	AB.1.SNP	50
		Polished Nickel 	11002	AB.1.PNP	50
		Electro Brass 	11004	AB.1.PVD	50
		Satin Stainless Steel 	11008	AB.1.SSS	50
		Polished Stainless 	11003	AB.1.PSS	50
TS.9000 Series fixings pack	-	Silver 	11132	FIX.90.SE	100
Mounting plate	-	Silver 	12033	MP.96.SE	50
Trim plate	-	Silver 	12122	TP.96.SE	50
 <p>Shoe plate</p>	-	Silver 	11269	SP.1.SE	50
		Satin Nickel 	11270	SP.1.SNP	50
Intumescent Kit for uninsulated steel doors	-	-	12406	IP.96M	100



Operating Theatre, Wexham
Hospital, Slough, England

TS.10106 Extreme Door Closer

Power Adjustable
EN1-6 by
Spring

Extreme heavy
duty arm

Endurance Ansi tested to 2
million cycles

Manufactured to withstand the
most demanding circumstance



Silver (SE)



Satin Nickel Plate (SNP)

Product Overview

- ✓ Variable power size EN 1-6
- ✓ ANSI and UL listed
- ✓ Extremely heavy duty with immense torque and strength
- ✓ Universal fitting
- ✓ Tested to 2 million cycles
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire Tested to UL 10C



Max Door Weight up to 120kg



Opening Angle 180° (Fig 66) 120° (Fig1 or 61)



Max Door Width 1400mm



Adjustable Closing Speed



Universal Application



Power Size 1- 6



Adjustable Latch Speed



Guarantee

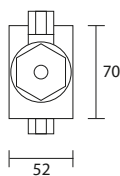
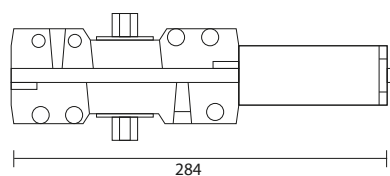


Min Door 835mm

Mechanism

Cover

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

- Extreme heavy usage
- UL listed to 2 million cycles

UL Listed

The TS.10106 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

ANSI Grade 1

The TS.10106 has been tested to the American National Standards Institute (ANSI) Grade 1, part of which includes the 2 million cycle performance.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

Options

- Hold-Open arm (Not to be used on fire doors)
- Cushion arm
- Cushion Hold-Open arm (Not to be used on fire doors)

Other Benefits

- Standard colour Silver
- Plated cover SNP

Bread Bar, Guelph Canada



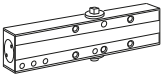

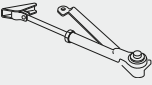


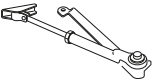





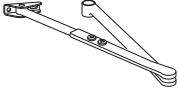


STARBUCKS COFFEE

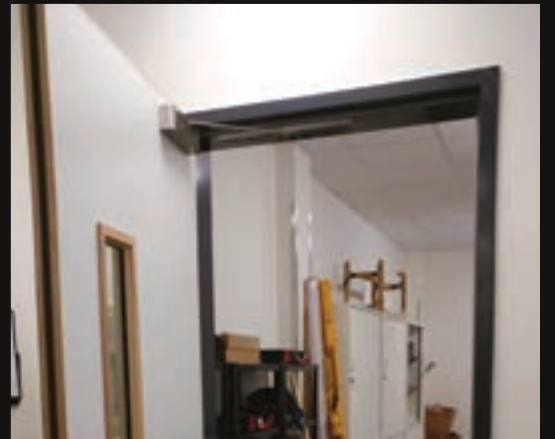
Starbucks, Guelph Canada



TS.10106 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS10106 Heavy duty door closer (Including back check & delayed action)</p>	1-6	Silver 	11357	10106DABC.SLFB.SESE	4
		Satin Nickel 	12210	TS.10106DABC.SRFB.SNPSNP	4

 <p>TS.10106 Mechanism only with Back Check and Delayed Action</p>	-	Silver 	11356	TS.10106DABC	10
 <p>TS.10106 Hold open armset (includes fixings)</p>	Fig 1 only	Silver 	11152	HOA.106.SE	12
	Fig 1 only	Satin Nickel 	11154	HOA.106.SNP	12
 <p>TS.10106 Cushion stop armset (includes fixings)</p>	-	Silver 	11036	CA.106.SE	12
	-	Satin Nickel 	11037	CA.106.SNP	12
 <p>TS.10106 Covers</p>	-	Silver 	11256	SL.106.SE	12
	-	Satin Nickel 	11139	SL.106.SNP	12
 <p>TS.10106 Flat Bar Arm</p>	-	Silver 	11094	FBA.106.SE	12
	-	Satin Nickel 	11095	FBA.106.SNP	12



Slide Arm Door Closer

overview

TS.24

PAGE 40



Key Features

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Third Party performance tested to over 500,000 cycles
- ✓ **Ezykam™** motion technology for immense control throughout the full opening and closing cycle of the door
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.11003

PAGE 42



Key Features

- ✓ Fixed power size EN 3
- ✓ CE marked
- ✓ Cam and Roller mechanism
- ✓ Easy to read instructions, saving over 12 minutes of fitting time

TS.11204

PAGE 46



Key Features

- ✓ Variable power size EN 2-4
- ✓ CE marked and UL listed
- ✓ Renown for high efficiency & ease of opening
- ✓ Easy to read instructions, saving over 12 minutes fitting time

TS.11205

PAGE 50



Key Features

- ✓ Variable power size EN 2-5
- ✓ CE marked and UL listed
- ✓ Available with back check and adjustable delayed action
- ✓ Easy to read instructions, saving 12 minutes of fitting time

TS.24 Slide Arm

Power Adjustable
EN2-4 by
Spring

Temperature stable hydraulic fluid which operates effectively in temperatures between -15°C to + 40°C

Non-handed - one model is suitable for pull or push side installation applications

Slide arm elegance

Ezykam™ Motion Technology for enhanced performance & control

Universal installation application suitable for left hand or right hand doors

Slim line construction

Vary Power size EN2-4



Silver (SE)

Satin Nickel Plate (SNP)

White (WH)

Product Overview

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Third Party performance tested to over 500,000 cycles
- ✓ **Ezykam™** motion technology for immense control throughout the full opening and closing cycle of the door
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



1720

Specification Overview



Fire Tested to
EN1634



Max Door Weight
up to 80kg



Opening Angle
120°



Max Door Width
1100mm



Adjustable
Closing Speed



IFCC 1514



Power Size
EN2-4



Adjustable
Latch Speed



Guarantee

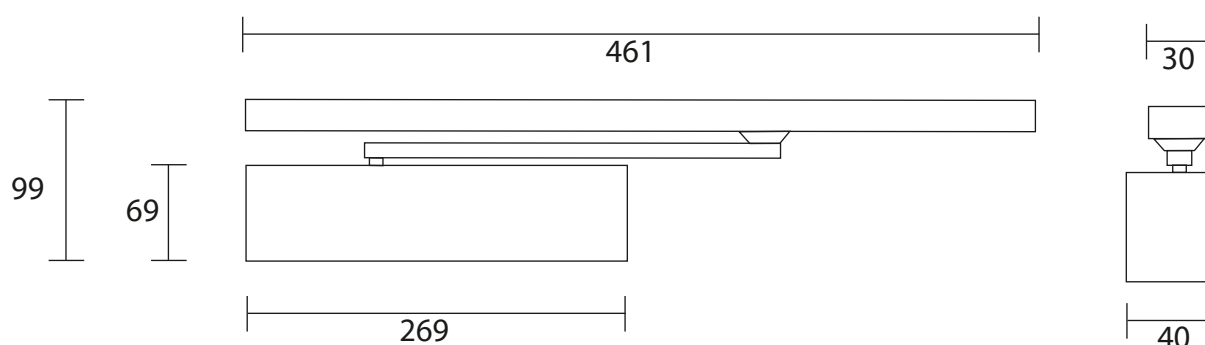


TS24-
CPR-44-0316-17-03



Rut Lock

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.24 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 $\frac{2}{4}$ 1 1 3

BS EN 1634 Fire Test

TS.24 door closers have been tested to EN 1634 Fire Pressure Test for, 30 and 60 minutes on a TFTDoor and TFCDoor.

Options

- This hold-open device can not be used on fire doors - not CE marked)
- Integral cushion stop (product code SA.CS) - for a cushioned back check function with multi-angle door opening limiter
- For push side application, you will need to request a PSB.24 bracket

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
TS.24 Combined unit (closer, slide arm, cover,)	2-4	Silver	12105	TS.24.SE	6
	2-4	Satin Nickel	12106	TS.24.SNP	6
	2-4	White	12242	TS.24.WH	6
Push Side Brackets	-	Silver	11036	PSB.24.SE	
		Satin Nickel	11040	PSB.24.SNP	
		White	11043	PSB.24.WH	

TS.11003 Slide Arm Closer

Fixed
Power size
EN3



Product Overview

- ✓ Fixed power size EN 3
- ✓ CE marked
- ✓ Cam and Roller mechanism
- ✓ Universal fitting
- ✓ Easy to read instructions, saving over 12 minutes of fitting time



Specification Overview



Fire Tested to EN1634



Max Door Weight up to 60kg



Opening Angle 120°



Max Door Width 950mm



Min Door Thickness 44mm



Adjustable Closing Speed



11003CPR01.01.18



Universal Application



Power Size EN3



Adjustable Latch Speed



Guarantee



Min Door 835mm

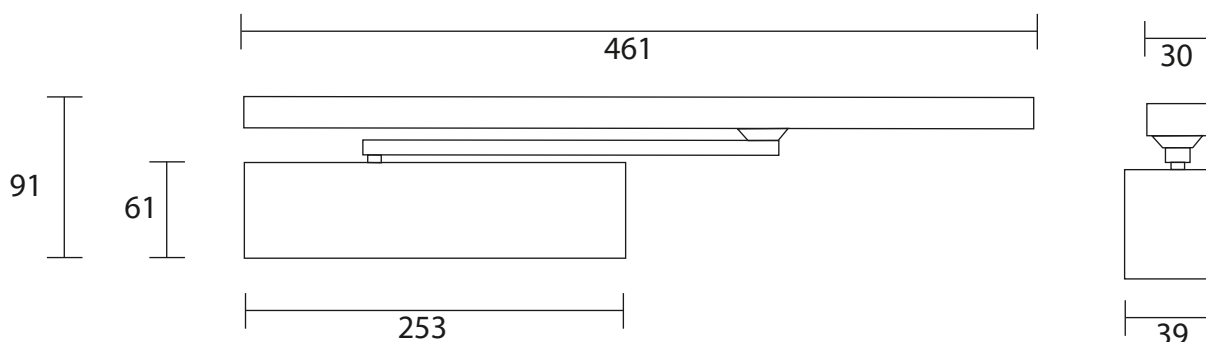


Rut Lock



aaa

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.11003 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 3 1 1 3

BS EN 1634 Fire Test

TS.11003 closers have been tested to EN 1634 requirements in a variety of door slabs and frame types. Test certificates are available on request.

Assists BS8300 for Document M contracts.

Options

- Mechanical hold open slide rail (available for Non-fire doors. *Not covered by CE*)

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
TS.11003 Cam Action Slide Arm Door closer	3	White	12187	TS.11003.3.5.WH	10

TS.11204 Slide Arm Closer





TS.11204 Slide Arm Closer

Power Adjustable
EN2-4 by
Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)



Antique Brass (AB)

Product Overview

- ✓ Variable power size EN 2-4
- ✓ CE marked and UL listed
- ✓ Universal fitting
- ✓ Renown for high efficiency & ease of opening
- ✓ Easy to read instructions, saving over 12 minutes fitting time



1720

Specification Overview



Fire Tested to EN1634



Max Door Weight up to 80kg



Opening Angle 110°



Max Door Width 1100mm



Universal Application



Adjustable Closing Speed



IFCC 1438



Power Size EN2-4



Adjustable Latch Speed



Guarantee



11204TS0 CPR191118

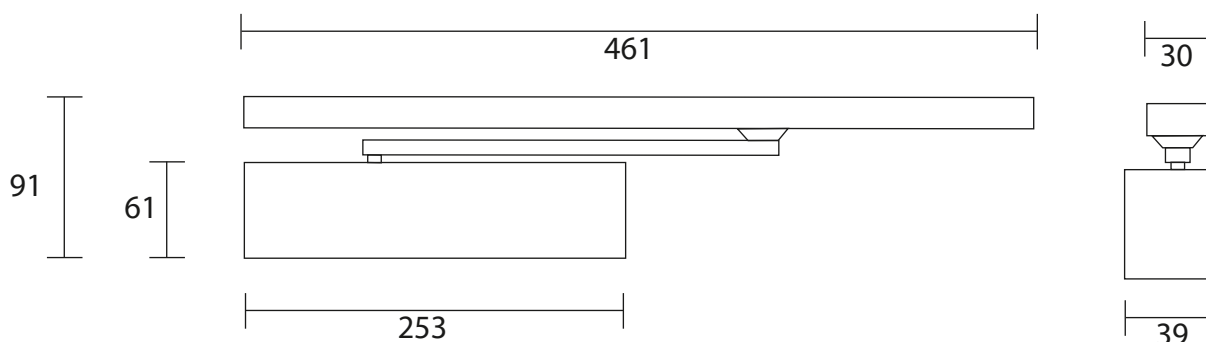


Min Door 857mm fig30



Rut Lock

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.11204 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 $\frac{2}{4}$ 1 1 3

BS EN 1634 Fire Test

TS.11204 door closers have been tested to EN 1634 Fire Pressure Test for, 30 and 60 minutes on a TFTDoor and TFCDor.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

UL Listed

The TS.11204 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

ITT Timber Leaf & Timber Frame

May be fitted Standard, Parallel arm or Transom fixing position on previously tested single-acting, latched or unlatched, intumescent sealed timber door and timber frame assemblies.

Options

- Mechanical hold open slide rail (*Not to be used on fire doors. Not covered by CE*)
- Back check available as a cushion stop in the rail
- Anti-ligature
- For uninsulated doors see code in components list for intumescent kit










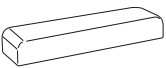





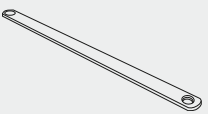





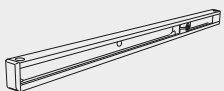





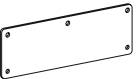

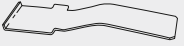

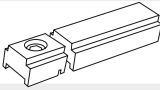






Other Benefits

- BS8300 & ADA.cv door closer helping the less able (min door size 857mm)



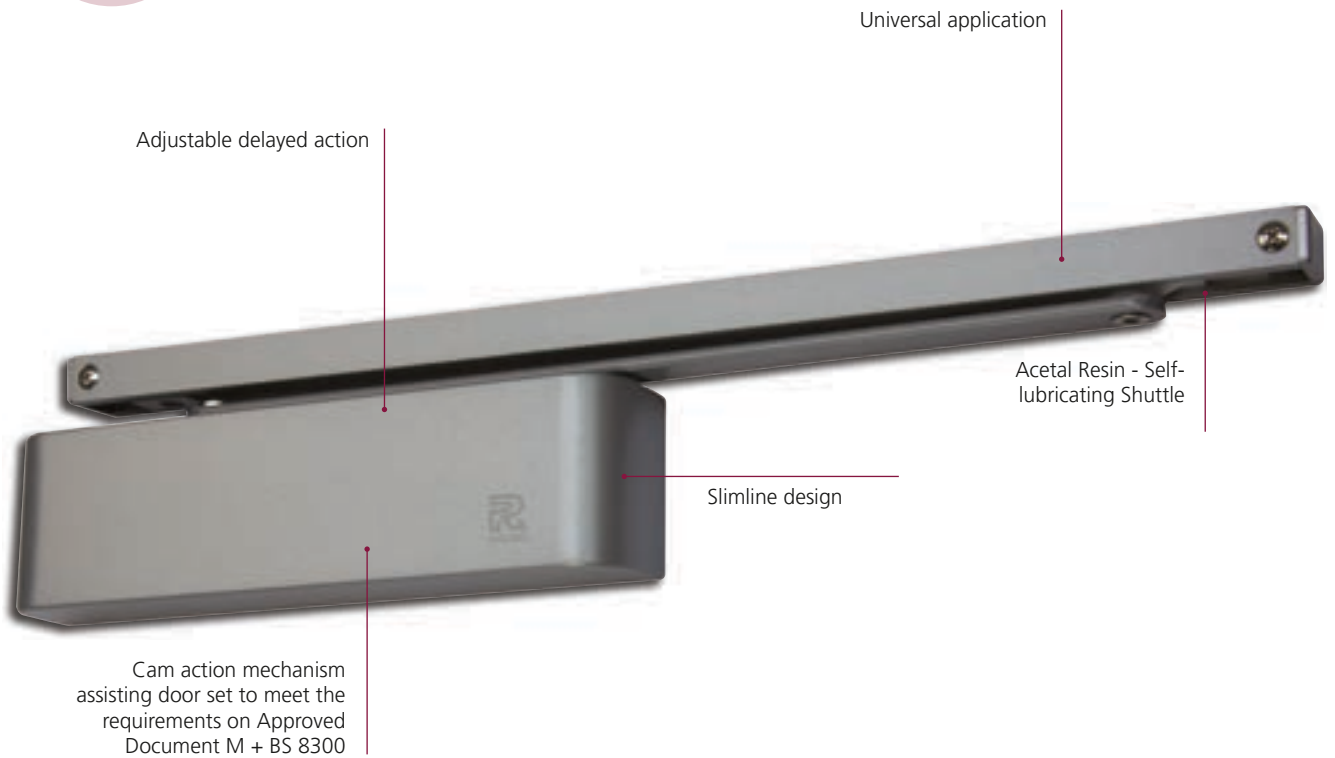
Fenwick House, Brighton College

TS.11204 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.11204 cam action slide arm door closer combined unit (with SA.2 rail and connector bar - CB.5)</p>	2-4	Silver 	11352	TS.11204.SR.2.SESE	6
		Satin Nickel 	11354	TS.11204.SR.2.SNPSNP	6
		Polished Nickel 	11347	TS.11204.SR.2.PNPPNP	6
		Electro Brass 	11349	TS.11204.SR.2.PVDPVD	6
		Antique Brass 	12027	TS.11204.SR.2.ABAB	6
		Colour Coated 	11350	TS.11204.SR.2.RALRAL	6
 <p>TS.11204 cam action with Square cover</p>	2-4	Satin Nickel 	11345	TS.11204.SQ.2.SSSSNP	6
 <p>TS.11000 series semi radius cover</p>	-	Silver 	11291	SR.114.SE	25
		Satin Nickel 	11292	SR.114.SNP	25
		Polished Nickel 	11289	SR.114.PNP	25
		Electro Brass 	11290	SR.114.PVD	25
		Antique Brass 	12025	SR.114.AB	25
 <p>TS11204 concealed door closer-to-slide arm connector bar options (single action not handed)</p>	-	Silver 	11022	CB.5.SE	50
		Satin Nickel 	11023	CB.5.SNP	50
		Polished Nickel 	11020	CB.5.PNP	50
		Electro Brass 	11021	CB.5.PVD	50
		Antique Brass 	12023	CB.5.AB	50
Optional Mounting Bracket	-	-	11179	MP.114	10
 <p>461mm long Slide Rail for surface or concealed fixing</p>		Silver 	11247	SA.2.SE	25
		Satin Nickel Plate 	11248	SA.2.SNP	25
		Polished Nickel 	11245	SA.2.PNP	25
		Electro Brass 	11246	SA.2.PVD	25
		Antique Brass 	12024	SA.2.AB	35
 <p>Slide Rail Drop Plate</p>		Silver	12154	SA.DP.SE	25
 <p>Slide Rail Drop Plate</p>		White	12007	SA.DP.WH	35
 <p>Hold open device (Not for use on fire doors)</p>		Silver 	11251	SA.HO	25
 <p>Cushion stop</p>		White cushion stop	11249	SA.CS	25
<p>Fixing pack for the TS.11204</p>		Satin Nickel 	11958	FIX.2.114.SNP	100
		Polished Brass 	11957	FIX.2.114.PVD	100
<p>Intumescent Kit for uninsulated steel doors</p>		Black 	12407	IP.114SM	100
<p>Anti-Ligature</p>		Black 	12075	FIX.AL	-
<p>Slide Arm cover</p>		Satin Nickel 	12238	SAC.2.SNP	25
<p>Stop Block</p>		Black 	11236	SA.1.BLOCK	25

TS.11205 Slide Arm Closer

Power Adjustable
EN2-5 by
Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)

Product Overview

- ✓ Variable power size EN 2-5
- ✓ CE marked and UL listed
- ✓ Universal fitting
- ✓ Available with back check and adjustable delayed action
- ✓ Easy to read instructions, saving 12 minutes of fitting time



1720

Specification Overview



Tested to EN1634



Max Door Weight up to 110kg



Opening Angle 120°



Max Door Width 1250mm



Universal Application



Adjustable Closing Speed



Adjustable Delayed Action



Power Size EN2-5



Adjustable Latch Speed



Guarantee



11205TS0
CPR171218



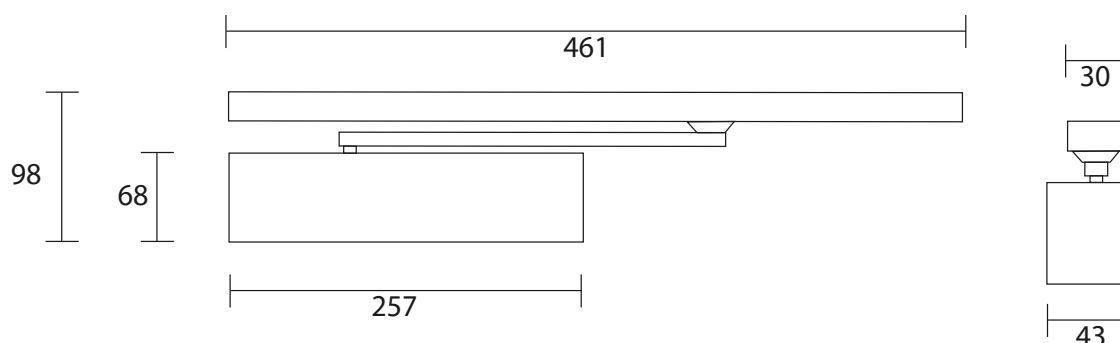
Min Door 857mm fig30



Rut Lock

Cover

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS.11205 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 $\frac{2}{5}$ 1 1 3

BS EN 1634 Fire Test

TS.11205 door closers have been tested to EN 1634 Fire Pressure Test for, 30 and 60 minutes on a TFTDoor and TFCDor.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

UL Listed

The TS.11205 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

Options









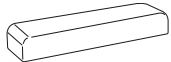





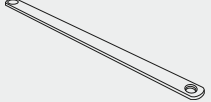





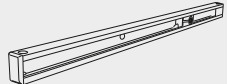





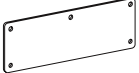


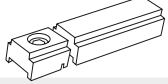






- Mechanical hold open slide rail (*Not to be used on fire doors. Not covered by CE*)
- Back check available as a cushion stop in the rail
- For uninsulated doors see code in components list for intumescent kit

Other Benefits

- BS8300 & ADA.cv door closer helping the less able (min door size 857mm)



TS.11205 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.11205 cam action slide arm door closer combined unit (with SA.2 rail and connector bar - CB.5)</p>	2-5	Silver 	12044	TS.11205.SR.2.SESE	6
		Satin Nickel 	12045	TS.11205.SR.2.SNPSNP	6
		Polished Nickel 	12042	TS.11205.SR.2.PNPPNP	6
		Electro Brass 	12043	TS.11205.SR.2.PVDPVD	6
 <p>TS.11204 cam action with square cover</p>	2-5	Silver 	12157	TS.11205DA.SR.2.SESE	6
		Satin Nickel 	12158	TS.11205DA.SR.2.SNPSNP	6
 <p>TS.11000 series semi radius cover</p>	-	Silver 	11291	SR.114.SE	25
		Satin Nickel 	11292	SR.114.SNP	25
		Polished Nickel 	11289	SR.114.PNP	25
		Electro Brass 	11290	SR.114.PVD	25
		Antique Brass 	12025	SR.114.AB	25
 <p>TS11205 concealed door closer-to-slide arm connector bar options (single action not handed)</p>	-	Silver 	11022	CB.5.SE	50
		Satin Nickel 	11023	CB.5.SNP	50
		Polished Nickel 	11020	CB.5.PNP	50
		Electro Brass 	11021	CB.5.PVD	50
		Antique Brass 	12023	CB.5.AB	50
Optional Mounting Bracket	-	-	11179	MP.114	10
 <p>461mm long Slide Rail for surface or concealed fixing</p>		Silver 	11247	SA.2.SE	25
		Satin Nickel Plate 	11248	SA.2.SNP	25
		Polished Nickel 	11245	SA.2.PNP	25
		Electro Brass 	11246	SA.2.PVD	25
		Antique Brass 	12024	SA.2.AB	35
 <p>Slide Rail Drop Plate</p>		Silver	12154	SA.DP.SE	25
		White	12007	SA.DP.WH	35
 <p>Hold open device (Not for use on fire doors)</p>		Silver 	11251	SA.HO	25
 <p>Cushion stop</p>		White cushion stop	11249	SA.CS	25
<p>Fixing pack for the TS.11204</p>		Satin Nickel 	11958	FIX.2.114.SNP	100
		Polished Brass 	11957	FIX.2.114.PVD	100
<p>Intumescent Kit for uninsulated steel doors</p>		Black 	12407	IP.114SM	100
<p>Anti-Ligature</p>		Black 	12075	FIX.AL	-
<p>Slide Arm cover</p>		Satin Nickel 	12238	SAC.2.SNP	25
<p>Stop Block</p>		Black 	11236	SA.1.BLOCK	25



Concealed Slide Arm Door Closer

overview

ITS.11204

PAGE 56



Key Features

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Concealed cam and roller mechanism
- ✓ Standard rail
- ✓ Easy to read instructions, saving over 12 minutes fitting time

ITS.11205

PAGE 60



Key Features

- ✓ Variable power size EN 2-5
- ✓ CE marked
- ✓ Concealed cam and roller mechanism
- ✓ Standard rail
- ✓ Easy to read instructions, saving over 12 minutes fitting time

ITS.11003

PAGE 64



Key Features

- ✓ Fixed power size EN 3
- ✓ CE marked
- ✓ Standard rail
- ✓ Cam and Roller Mechanism
- ✓ Easy to read instructions, saving over 12 minutes fitting time

ITS.11204.3.5

PAGE 66

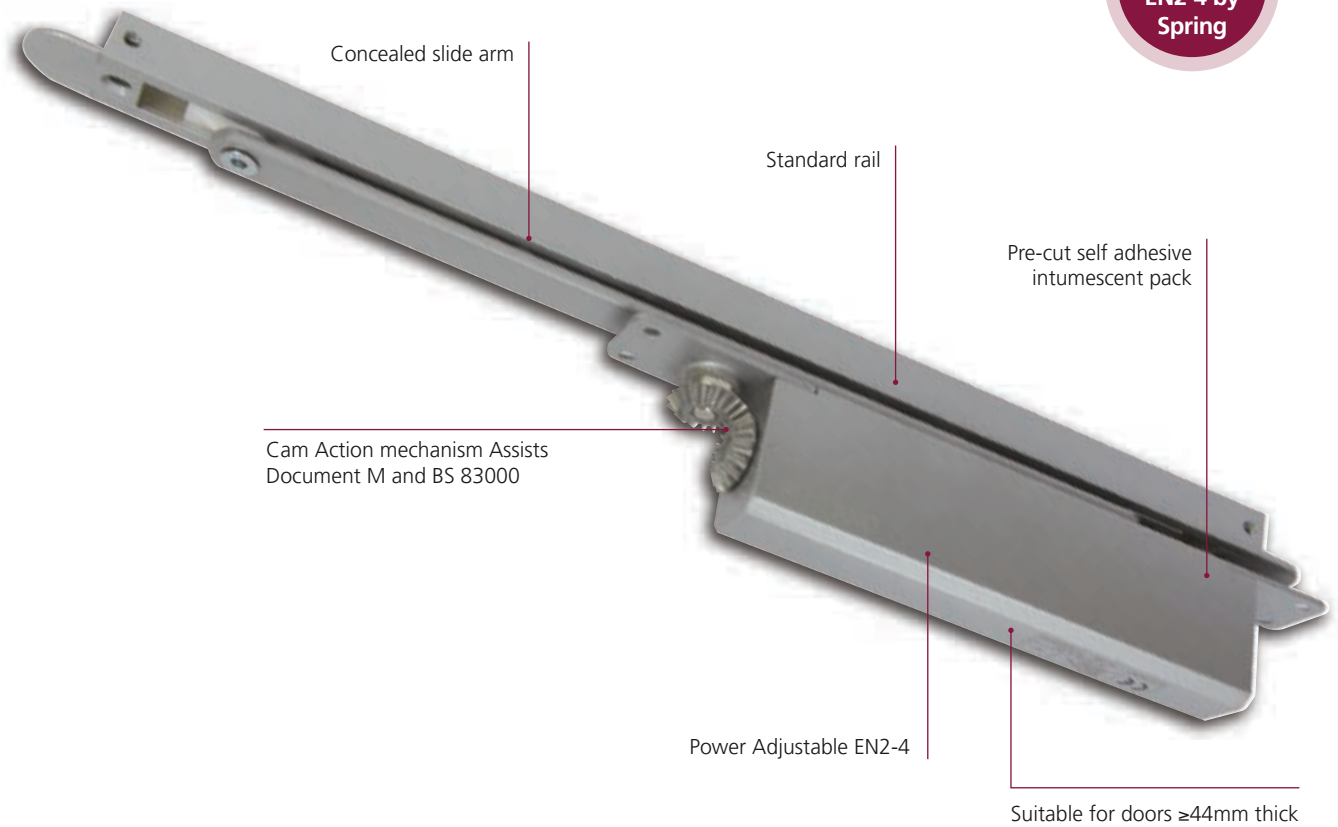


Key Features

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Concealed cam and roller mechanism
- ✓ With micro rail (see dimensions)
- ✓ Easy to read instructions, saving over 12 minutes fitting time

ITS.11204 Concealed Standard Rail

Power Adjustable EN2-4 by Spring



Silver (SE)



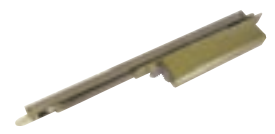
Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)



Antique Brass (AB)



Black (BK)

Product Overview

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Concealed cam and roller mechanism
- ✓ Universal fitting
- ✓ Standard rail
- ✓ Easy to read instructions, saving over 12 minutes fitting time



1720

Specification Overview



Fire Tested to EN1634



Max Door Weight up to 80kg



Opening Angle 110°



Max Door Width 1100mm



Min Door Thickness 44mm



Adjustable Closing Speed



11204250CP R071118



Universal Application



Power Size EN2-4



Adjustable Latch Speed



Guarantee



Min Door 835mm

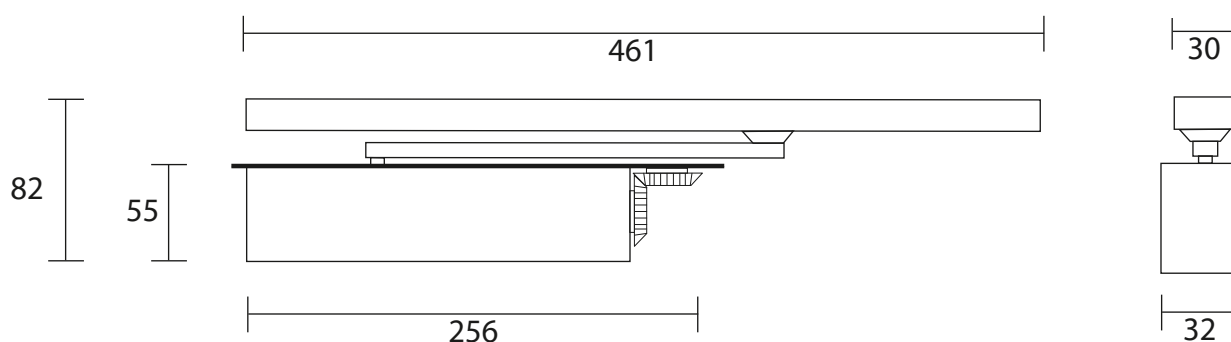


Rut Lock



IFCC 1417

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

ITS.11204 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3	8	2/4	1	1	3
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BS EN 1634 Fire Test

ITS.11204 closers have been tested to EN 1634 requirements up to 60 minutes– please specify intumescent gasket IP.114. Test certificates are available on request.

FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

ITT Timber Leaf & Timber Frame:

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

IMM & MM Timber Leaf & Timber 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.











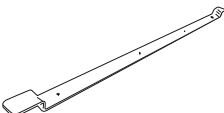

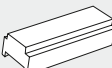


Options

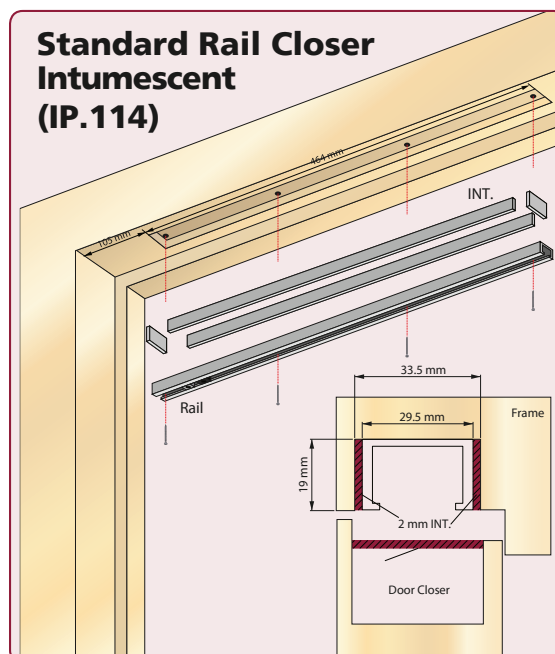
- Mechanical hold open slide rail (*Not to be used on fire doors. Not covered by CE*)
- Anti-Ligature
- For uninsulated doors see code in components list for intumescent kit



Student Accommodation, England

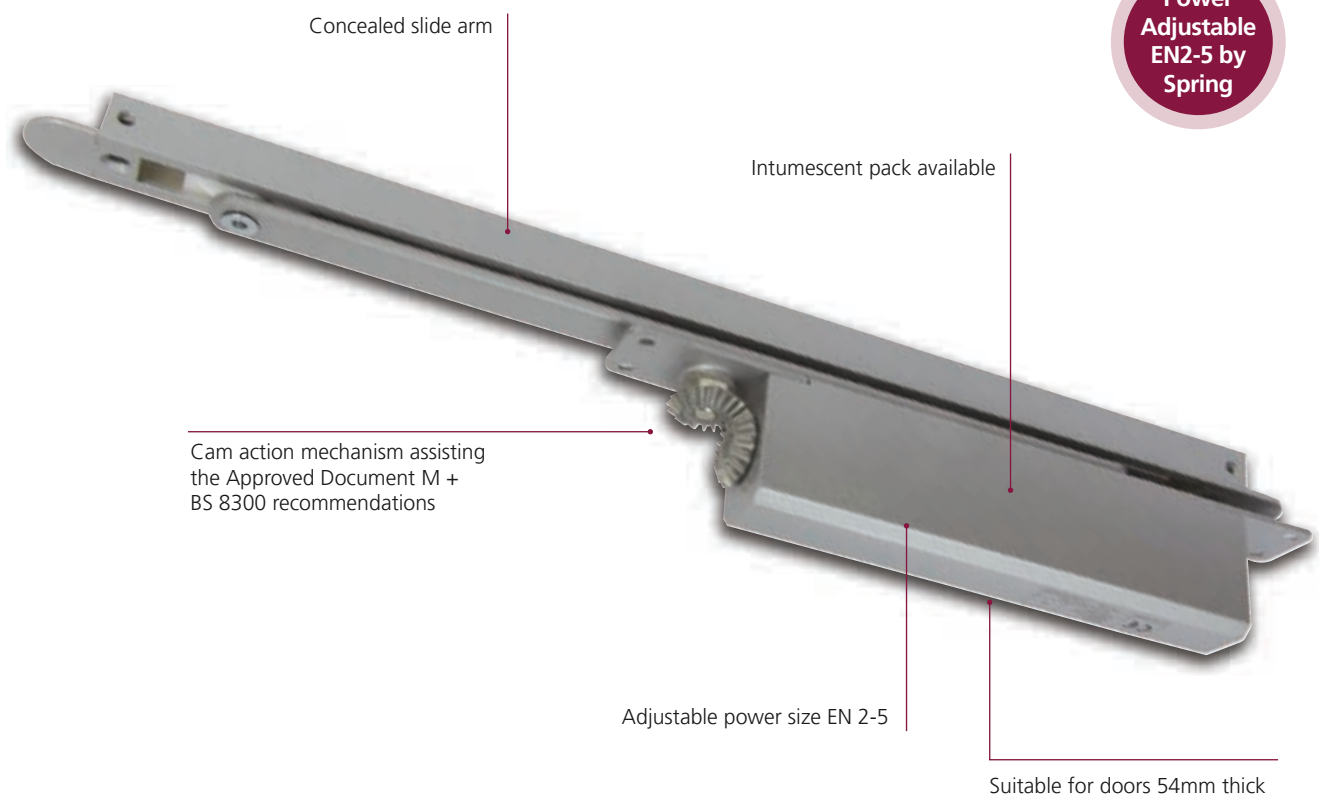
ITS.11204 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>Single Action-ITS.11204 concealed standard rail slide arm door closer</p>	2-4	Silver 	11172	ITS.11204.2.5.SE	10
		Satin Nickel 	11173	ITS.11204.2.5.SNP	10
		Polished Nickel 	11170	ITS.11204.2.5.PNP	10
		Electro Brass 	11171	ITS.11204.2.5.PVD	10
		Antique Brass 	12026	ITS.11204.2.5.AB	10
		Black 	12199	ITS.11204.2.5.BK	10
 <p>ITS.11204 Mechanism only</p>	2-4	Silver 	11165	ITS.11204	10
 <p>ITS.11204 concealed door closer-to-slide arm complete with single action connector bar - CB.5</p>	-	Silver 	12001	SA.2.5.SE	25
		Satin Nickel 	12002	SA.2.5.SNP	25
		Polished Nickel 	11998	SA.2.5.PNP	25
		Electro Brass 	11999	SA.2.5.PVD	25
 <p>Concealed mounting frame for hollow metal or aluminium door frames</p>	-	Silver 	12029	SA.2.MF	25
 <p>Cushion stop</p>	-	-	11249	SA.CS	50
 <p>Hold open facility</p>	-	-	11251	SA.HO	50
 <p>Slide Arm Block</p>	-	-	11236	SA.1.BLOCK	1
Standard Rail Intumescent Pack	-	-	11161	IP.114	100
Anti-Ligature	-	Black 	12075	FIX.AL	-



ITS.11205 Concealed Standard Slide Arm

Power Adjustable EN2-5 by Spring



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)

Product Overview

- ✓ Variable power size EN 2-5
- ✓ CE marked
- ✓ Concealed cam and roller mechanism
- ✓ Universal fitting
- ✓ Standard rail
- ✓ Easy to read instructions, saving over 12 minutes fitting time



1720

Specification Overview



Fire Tested
to EN1634



Max Door Weight
up to 110kg



Opening Angle
120°



Max Door Width
1250mm



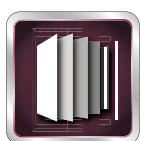
Min Door
Thickness 54mm



Adjustable
Closing Speed



Universal
Application



Power Size
EN2-5



Adjustable
Latch Speed



Guarantee



Rut Lock



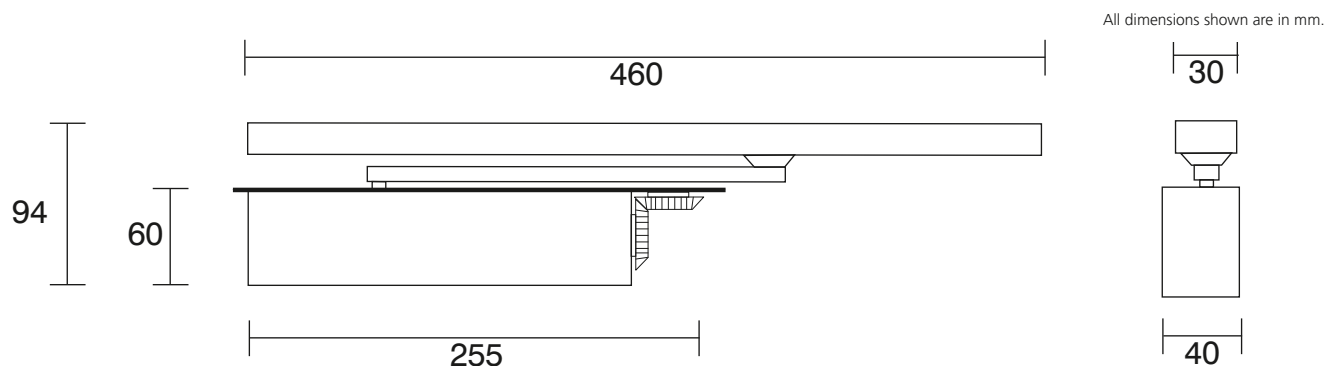
DoP



Min Door
835mm



IFCC 1442



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

ITS.11205 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 $\frac{5}{2}$ 1 1 3

BS EN 1634 Fire Test

ITS.11205 closers have been tested to EN 1634 requirements up to 60 minutes – please specify intumescent gasket IP.115. Test certificates are available on request.

UL Listed

The ITS.11205 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

Fire Doors

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

ITT Timber Leaf & Timber Frame

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











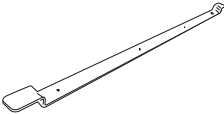

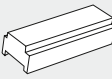




Options

- Mechanical hold open slide rail (*Not to be used on fire doors*) (not covered by CE)
- EN2 (not covered by CE)
- Cushion stop
- Anti-Ligature
- For uninsulated doors see code in components list for intumescent kit



Woking Hospital, Guildford

ITS.11205 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>SINGLE ACTION ITS.11205 concealed slide arm door closer Combined unit (with SA.2 rail and connector bar - CB.5)</p>	2-5	Silver 	12048	ITS.11205.2.5.SE	10
		Satin Nickel 	12049	ITS.11205.2.5.SNP	10
		Polished Nickel 	12046	ITS.11205.2.5.PNP	10
		Electro Brass 	12047	ITS.11205.2.5.PVD	10
 <p>ITS.11205 concealed door closer-to-slide arm complete with single action connector bar - CB.5</p>	-	Silver 	12001	SA.2.5.SE	25
		Satin Nickel 	12002	SA.2.5.SNP	25
		Polished Nickel 	11998	SA.2.5.PNP	25
		Electro Brass 	11999	SA.2.5.PVD	25
 <p>Concealed mounting frame for hollow metal or aluminium door frames</p>	-	Silver 	12029	SA.2.MF	25
 <p>Cushion stop</p>	-	- 	11249	SA.CS	10
 <p>Hold open facility</p>	-	-	11251	SA.HO	10
 <p>Slide Arm Block</p>	-	-	11236	SA.1.BLOCK	1
Intumescent Pack	-	-	12151	IP.115	100
Anti-Ligature	-	Black 	12075	FIX.AL	-

ITS.11003 Concealed Micro Rail Slide Arm

Fixed
Power size
EN3



Intumescent pack available

Available in white only

Cam action mechanism assisting
the Approved Document M +
BS 8300 recommendations

Suitable for doors ≥ 44 mm thick

Power size EN3

Product Overview

- ✓ Fixed power size EN 3
- ✓ CE marked
- ✓ Standard rail
- ✓ Cam and Roller Mechanism
- ✓ Universal fitting
- ✓ Easy to read instructions, saving over 12 minutes fitting time



Specification Overview



Fire Tested to EN1634



Max Door Weight up to 60kg



Opening Angle 120°



Max Door Width 950mm



Min Door Thickness 44mm



Adjustable Closing Speed



11003CPR01.01.18



Universal Application



Power Size EN3



Adjustable Latch Speed



Guarantee



Min Door 835mm

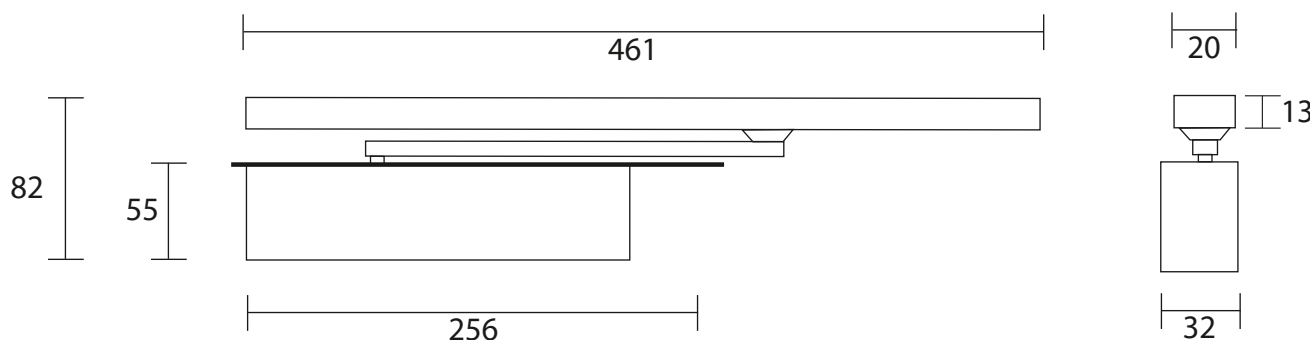


Rut Lock



IFCC 1417

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

ITS.11003 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 3 1 1 3

BS EN 1634 Fire Test

ITS.11003 closers have been tested to EN 1634 requirements in a variety of door slabs and frame types. Please specify IP.114M and relevant intumescent as specified in the door slab and profile global assessments.

Test certificates and machining details are available on request.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

Options

- Mechanical hold open slide rail (Available for Non-fire doors. *Not covered by CE*)

Tested Frame Types

- Eurocell EWS 031
- Eurocell EWS 032
- Profile 22
- REHAU 546405
- Sheerframe SK77950
- Veka WHS Halo System

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
ITS.11003 Concealed Cam Action Slide Arm Door closer	3	White	12139	ITS.11003.3.5.WH	10

ITS.11204.3.5 Concealed Micro Rail Slide Arm

Fixed
Power size
EN2-4



Silver (SE)



Satin Nickel Plate (SNP)



Polished Nickel Plate (PNP)



Electro Brass (PVD)

Product Overview

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Concealed cam and roller mechanism
- ✓ Universal fitting
- ✓ With micro rail (see dimensions)
- ✓ Easy to read instructions, saving over 12 minutes fitting time



Specification Overview



Fire Tested
up to 60mins



Max Door Weight
up to 80kg



Opening Angle
110°



Max Door Width
1100mm



Min Door
Thickness 44mm



Adjustable
Closing Speed



11004CPR01.01.18



Universal
Application



Power Size
EN2-4



Adjustable
Latch Speed



Guarantee

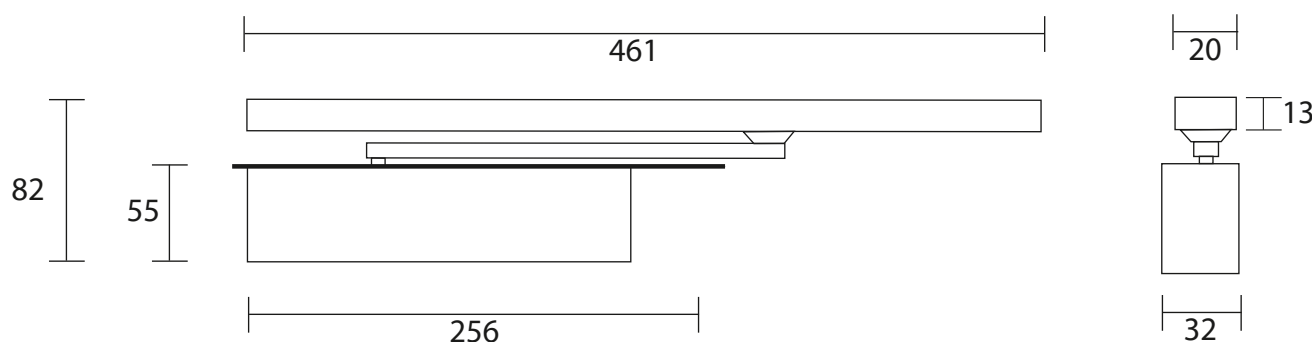


Min Door
835mm



Rut Lock

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

ITS.11204.3.5 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 $\frac{2}{4}$ 1 1 3

BS EN 1634 Fire Test

ITS.11204.3.5 closers have been tested to EN 1634 requirements up to 60 minutes– please specify intumescent gasket IP.114. Test certificates are available on request.

ADA Compliant

Fire doors shall have a minimum opening force allowable by the appropriate administration authority, and doors other than fire doors 5 pounds maximum opening force (22.2N) from push or pull side.

FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

Options

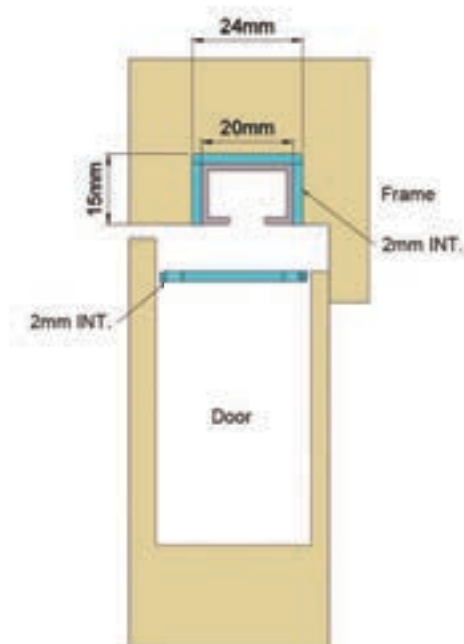
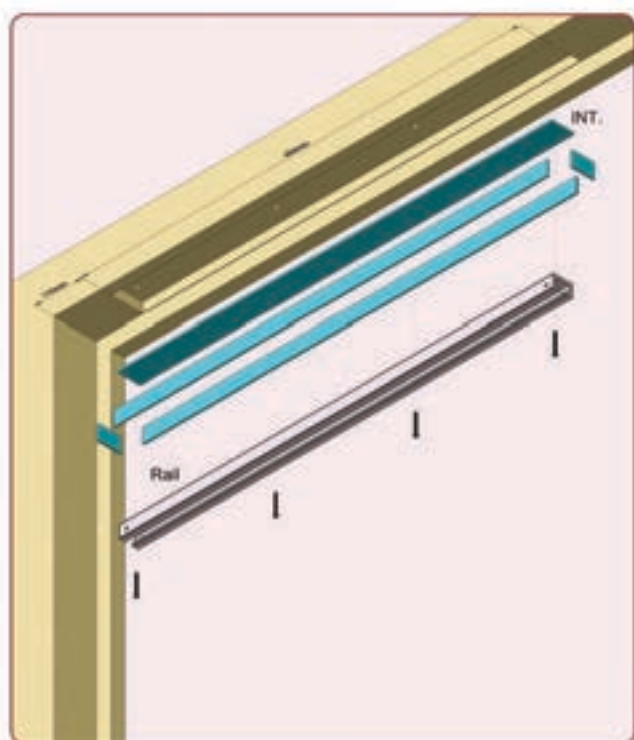
- Mechanical hold open slide rail (available for Non-fire doors. *Not to be used on fire doors*)
- Anti-ligature

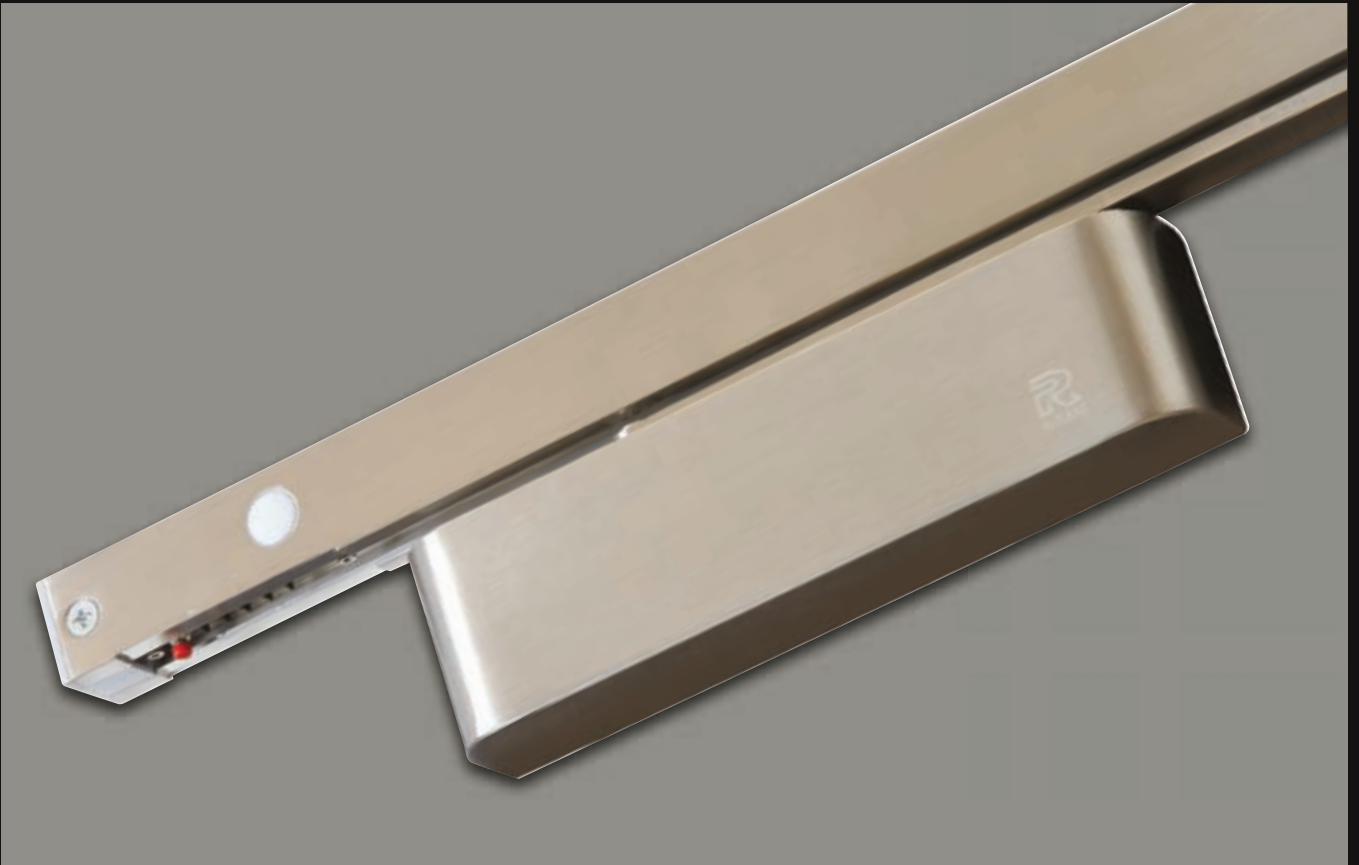


ITS.11204.3.5 Components



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
ITS.11004 -concealed micro rail slide arm door closer	2-4	Silver	11420	ITS.11004.3.5.SE	10
		Satin Nickel	11421	ITS.11004.3.5.SNP	10
		Polished Nickel	11418	ITS.11004.3.5.PNP	10
		Electro Brass	11419	ITS.11004.3.5.PVD	10
SINGLE ACTION – ITS.11004 concealed door closer mechanism only.	2-4	Silver	11165	ITS.11004	10
Micro slide rail complete with connector bar	-	Silver	11300	SA.3.5.SE	50
		Satin Nickel	11301	SA.3.5.SNP	50
		Polished Nickel	11298	SA.3.5.PNP	50
		Electro Brass	11299	SA.3.5.PVD	50
Micro Rail Mounting Frame	-	-	12030	SA.3.MF	25
Micro Rail Cushion Stop	-	White	12140	SA.CS.M	50
Micro Rail Hold Open Device	-	Silver	12138	SA.HO.M	50
Slide Arm Block	-	-	11236	SA.1.BLOCK	1
Intumescent Pack	-	-	11955	IP.114M	250
Anti-ligature	-	-	12075	FIX.AL	1





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Electromagnetic Door Closer

Overview

Responder 24

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Key Features

- ✓ Fixed power size EN 4
- ✓ Available as either Hold open or Swing free
- ✓ CE marked
- ✓ Fire and Endurance tested to meet and exceed the European Standards
- ✓ Activated by fire alarm or over ridden on the switch if required
- ✓ Successfully tested to 60 minutes at EN 1634 fire test standards
- ✓ Power supply unit available on request
- ✓ Easy to read instructions

TS.Firetrak.114

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Key Features

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Electromagnet is activated by the fire alarm or over-ridden on the switch
- ✓ Fire tested to EN1634

TS.Firetrak.115

PAGE 76



Key Features

- ✓ Variable power size EN 2-5
- ✓ CE marked
- ✓ Electromagnet is activated by the fire alarm or over-ridden on the switch
- ✓ Universal Application

ETS.7004

PAGE 78



Key Features

- ✓ Fixed power size EN 4
- ✓ CE marked
- ✓ Hold open or swing free option unless fire alarm sounds, power is cut and door closes
- ✓ Available in both double or single action
- ✓ Standard spindle size - 8mm

Responder 24 Electromagnetic Closer



Product Overview

The Rutland Responder 24, Electromagnetic Door closer has been designed with universal handing and ease of fitting with a hygienic plug and wiring.

- ✓ Fixed power size EN 4
- ✓ Available as either Hold open or Swing free
- ✓ CE marked
- ✓ Fire and Endurance tested to meet and exceed the European Standards
- ✓ Universal fitting
- ✓ Activated by fire alarm or over ridden on the switch if required
- ✓ Successfully tested to 60 minutes at EN 1634 fire test standards
- ✓ Power supply unit available on request
- ✓ Easy to read instructions



1720

Specification Overview



Fire Tested to
EN1634



Max Door
Weight 80kg



Opening Angle
180°



Max Door Width
1050mm



Adjustable
Closing Speed



Rut Lock



Universal
Application



Power Size
EN4



Adjustable
Latch Speed



Guarantee



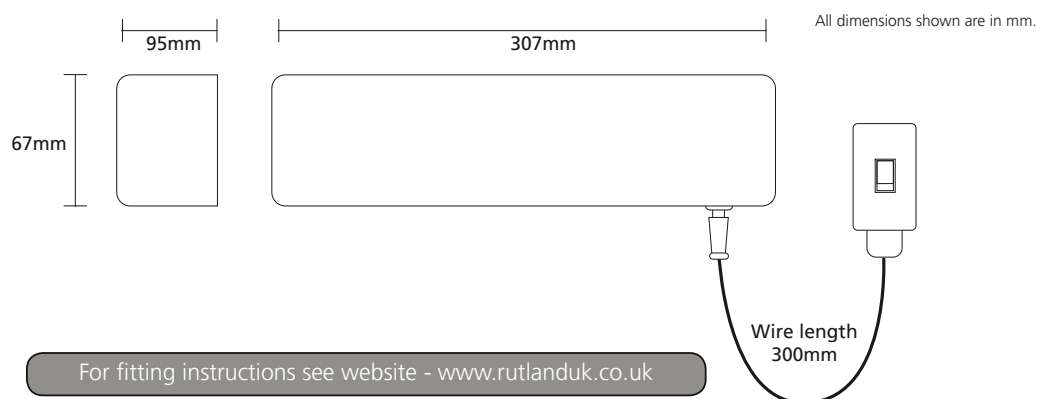
1942-CPR-44-
0111-18-01



24V Direct
Current



IFCC 1482



Technical Information

Volts: 24VDC

Amp: 84ma Draw

Watts: 2W

The current 2A 24VDC Power Supply Unit (PSU) we stock has 4 outputs.

BS EN 1155 Classification

Responder 24 door closers have been independently tested to conform with the BS EN 1155 performance standard. They are CE marked and classified as follows:

4 8 4 1 1 3

BS EN 1634 Fire Test

Responder 24 door closers have been tested up to 60 minute door sets. Test certificates are available on request.

TT Timber Leaf & Timber Frame:

May be fitted Standard, Parallel arm or Transom fixing position on previously tested single-acting, latched or unlatched, intumescent sealed timber door and timber frame assemblies.

IMM & MM Metal Leaf & Metal Frame:

May be fitted Standard or Parallel arm fixing position to single-acting steel door assemblies, if required to the fire risk or non-fire risk face of the leaf of previously tested uninsulating or insulating steel door leaf and frame assemblies.

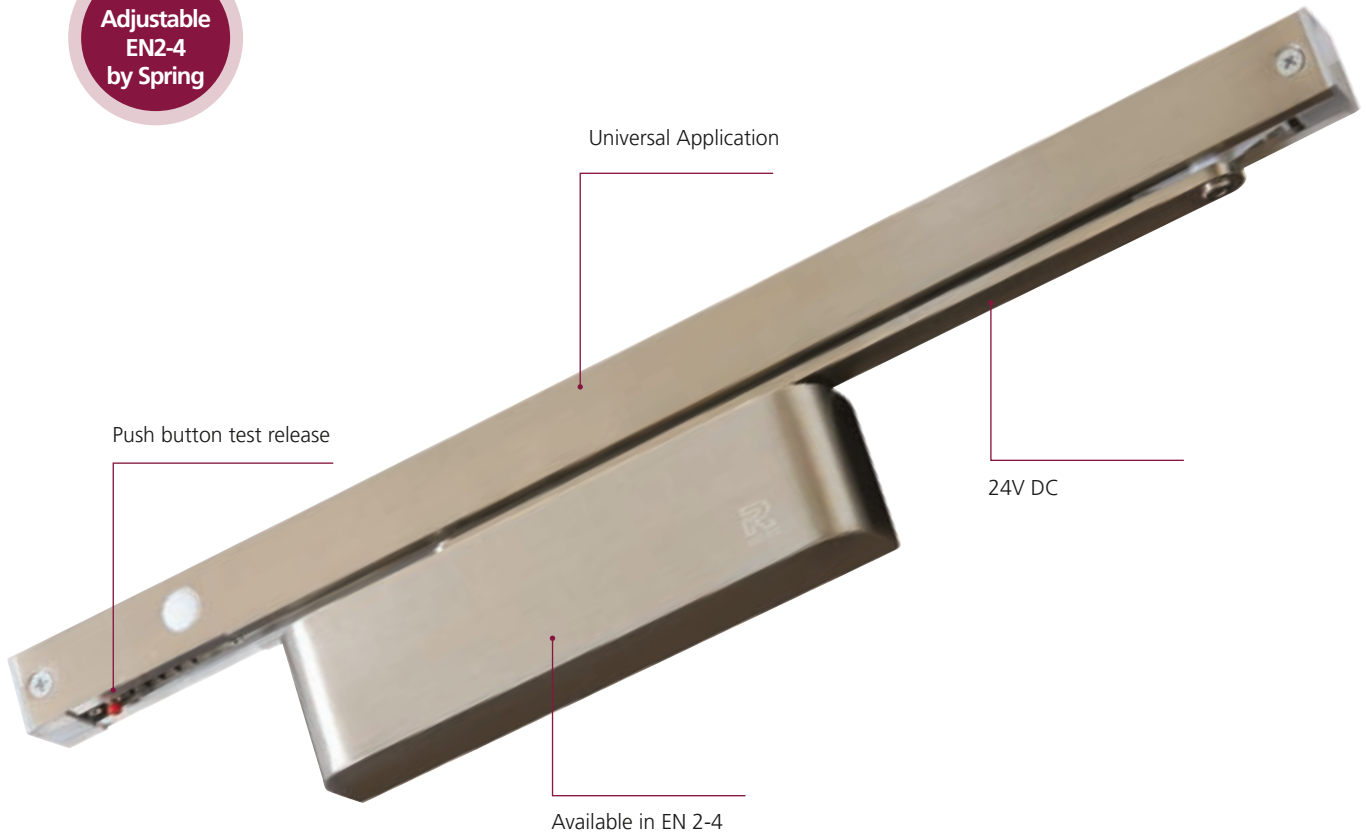
Options

- Finishes available: Silver, Satin Nickel, Polished Nickel, Polished Brass and Antique Brass
- Power supply unit is available - on request
- 600mm wire length available on request
- For uninsulated fire doors use IP.RESPONDERM

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>Responder 24 Electromagnetic Door Closer</p>	4	Silver	10912	ETS.18314.SE	4
		Satin Nickel	10913	ETS.18314.SNP	4
		Polished Nickel	10910	ETS.18314.PNP	4
		Electro Brass	10909	ETS.18314.PVD	4
		Antique Brass	12193	ETS.18314.AB	4
		Black	12409	IP.RESPONDER.M	100
Extension Wire and Black Box (600mm)	-	Black	11944	DL.184	-

TS FIRETRAK.114 Electromagnetic Slide Arm Closer

Power Adjustable
EN2-4
by Spring



Silver (SE)



Satin Nickel Plate (SNP)

Product Overview

- ✓ Variable power size EN 2-4
- ✓ CE marked
- ✓ Universal fitting
- ✓ Electromagnet is activated by the fire alarm or over-ridden on the switch
- ✓ Fire tested to EN1634



1720

Specification Overview



Fire Tested to EN1634



Max Door Weight EN 2-4 - 80kg



Opening Angle 130°



Max Door Width EN 2-4 - 1100mm



Universal Application



Power Size EN 2-4



Min Door 857mm



24V Direct Current



Adjustable Closing Speed



Adjustable Latch Speed

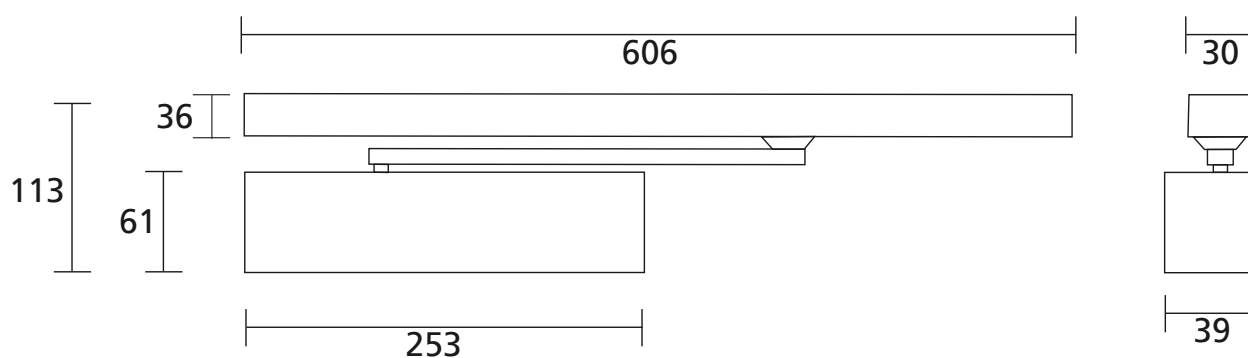


Guarantee



IFCC 1512

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

Volts: 24DC

Amp: 84ma Draw

Watts: 2W

The current 2A 24VDC Power Supply Unit (PSU) we stock has 4 outputs.

EN 1155 Classification

Tested to EN 1155:1997, 24V DC. Which cover building hardware, specifically electrically powered hold open devices for swing doors.

BS EN 1634 Fire Test

The TS.FIRETRAK has been fire tested to the BS EN 1634 standard to over 60 minutes.

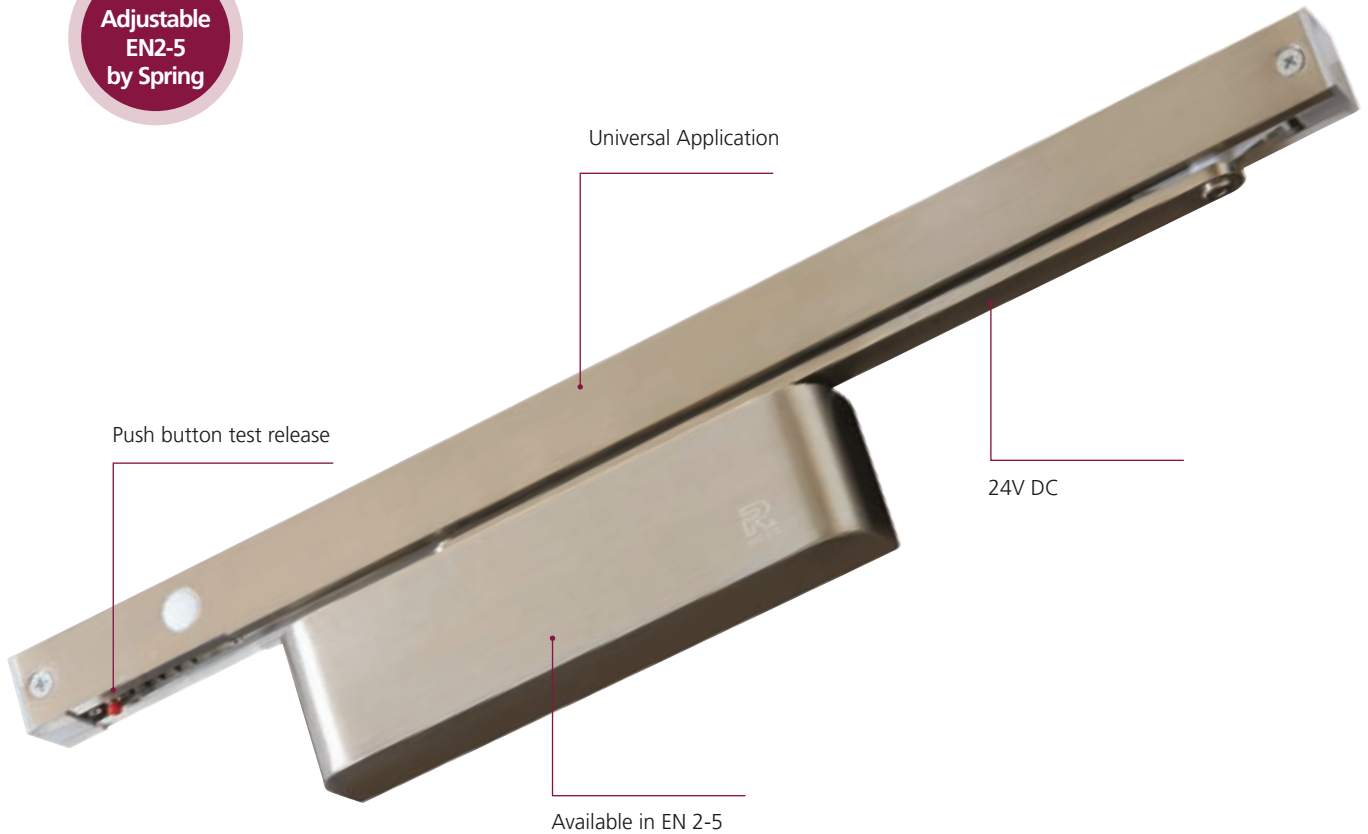
Options

- Finishes available: Silver, Satin Nickel
- Power Supply Unit is available - on request
- Anti-Ligature
- For uninsulated doors use IP.FIRETRAK.114SM

Description	EN Size	Finish	Re-order Code	Product Code
 Electromagnetic slide arm door closer	2-4	Silver 	12446	TS.FIRETRAK.114.SE
		Satin Nickel 	12447	TS.FIRETRAK.114.SNP
Anti-Ligature Fixing Bolt for Connector Bar	-	Black 	12075	FIX.AL
Intumescent for uninsulated steel doors	-	Black 	12462	IP.FIRETRAK.114SM

TS FIRETRAK.115 Electromagnetic Slide Arm Closer

Power Adjustable
EN2-5
by Spring



Product Overview

- ✓ Variable power size EN 2-5
- ✓ CE marked
- ✓ Universal fitting
- ✓ Electromagnet is activated by the fire alarm or over-ridden on the switch
- ✓ Universal Application



Specification Overview



Fire Tested to EN1634



Max Door Weight EN 2-5 - 110kg



Opening Angle 130°



Max Door Width EN 2-5 - 1250mm



Universal Application



Power Size EN 2-5



Min Door 857mm



24V Direct Current



Adjustable Closing Speed



Adjustable Latch Speed

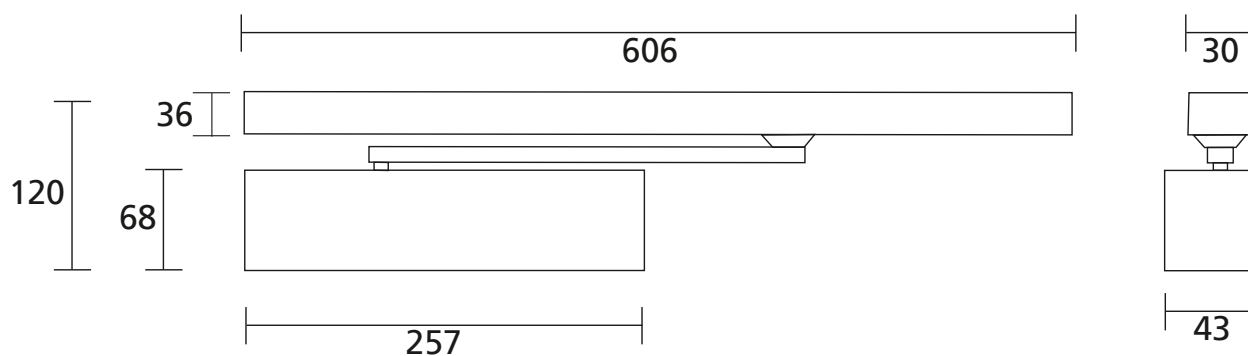


Guarantee



IFCC 1513

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

Volts: 24DC

Amp: 84ma Draw

Watts: 2W

The current 2A 24VDC Power Supply Unit (PSU) we stock has 4 outputs.

EN 1155 Classification

Tested to EN 1155:1997, 24V DC. Which cover building hardware, specifically electrically powered hold open devices for swing doors.

BS EN 1634 Fire Test

The TS.FIRETRAK has been fire tested to the BS EN 1634 standard to over 60 minutes.

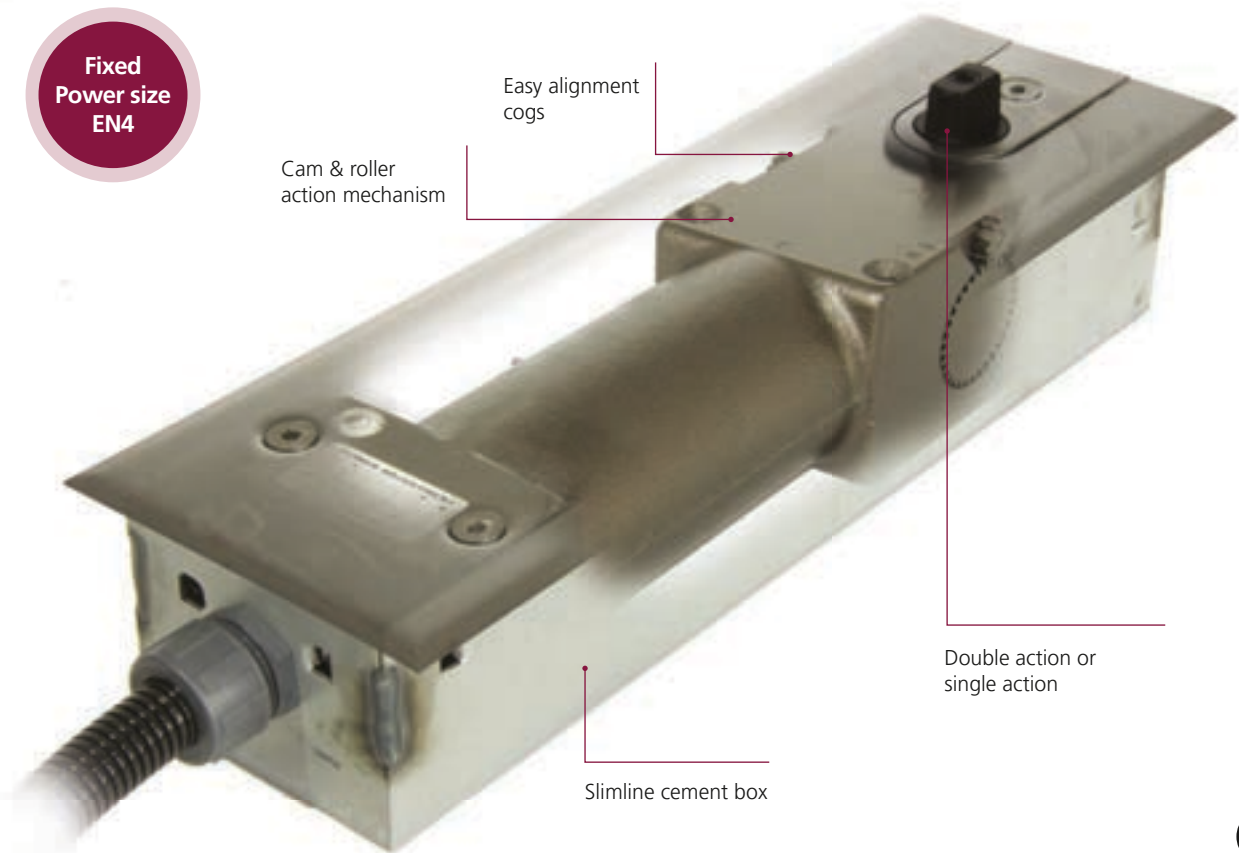
Options

- Finishes available: Silver, Satin Nickel
- Power Supply Unit is available - on request
- For uninsulated doors use IP.FIRETRAK.115SM

Description	EN Size	Finish	Re-order Code	Product Code
 Electromagnetic slide arm door closer	2-4	Silver 	12448	TS.FIRETRAK.115.SE
		Satin Nickel 	12449	TS.FIRETRAK.115.SNP
Anti-Ligature Fixing Bolt for Connector Bar	-	Black 	12075	FIX.AL
Intumescent for uninsulated steel doors	-	Black 	12463	IP.FIRETRAK.115SM

ETS.7004 Electromagnetic Floor Spring

Fixed
Power size
EN4



CE
1121

Product Overview

- ✓ Fixed power size EN 4
- ✓ CE marked
- ✓ Hold open or swing free option unless fire alarm sounds, power is cut and door closes
- ✓ Available in both double or single action
- ✓ Standard spindle size - 8mm

Technical Information

- Door can be manually removed from hold open when current is applied to the unit.
- When no current is applied to unit, it will act as a standard hydraulic floor closer.
- Loss of electrical current due to a signal from a smoke detector or other signaling device will open an electromagnetically controlled valve in the closer and close the door under full hydraulic control.
- Operating voltage 24VDC at 125mA =10% -15%.
- Mechanical backcheck at approximately 70°.
- Multipoint hold open between approximately 80° and 180° when current is applied.
- A secondary regulation system protects closer from damage caused by forced closing.
- Closer adjustment in cement case provides lateral and longitude adjustment and can be checked against the unique level gauge.
- Optional sealing compound prevents water or cleaning solvent from entering the cement case.
- When considering hold open angle, allow approximately 3° of fall away.
 - Back check
 - Hold Open 80° - 180°
 - Adjustable sweep speed
 - Adjustable delayed action
 - Double cam mechanism
 - Action availability Single or double
 - Heavy duty back check

Specification Overview



Max Door Weight 500kg



Opening Angle 180°



Max Door Width 1100mm



Universal Application



Power Size 4



Back Check



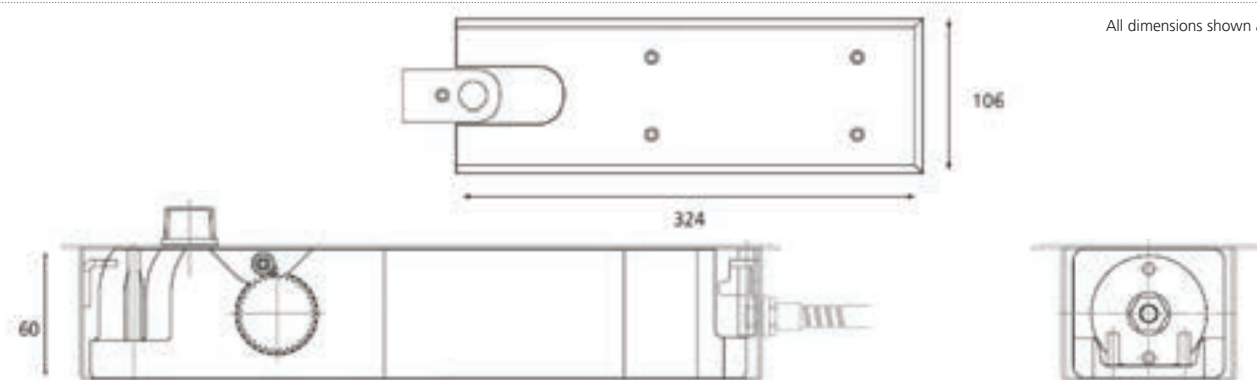
Guarantee



Level Gauge



Power



All dimensions shown are in mm.

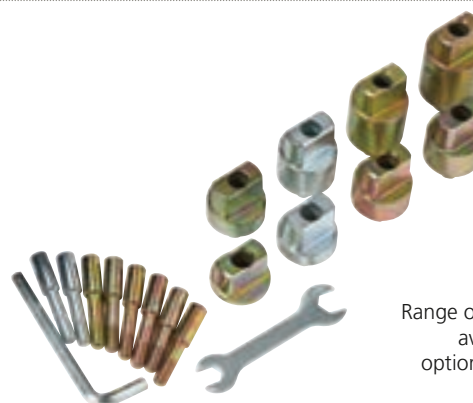
For fitting instructions see website - www.rutlanduk.co.uk

Options



- Single or double action arms available
- Extension spindles: 3, 5, 8, 10, 13, 15, 18, 23, 48mm
- 200° Cam for single action doors requiring controlled closing from 180°
- Gel infill for improved water resistance
- Mechanism and box only

FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.



Range of spindles available as optional extras.

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 Electromag floor spring-Single action	4	Satin Stainless	11161	ETS.7004.SAX.SS	4
 Electromag floor spring-Double action	4	Satin Stainless	11160	ETS.7004.DAX.SS	4



overview

TS.7002, 3, 4

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Key Features

- ✓ Available in three power sizes - EN 2/3/4
- ✓ CE marked and UL listed
- ✓ Renown for its Adaptability and Reliability
- ✓ Standard spindle size - 8mm
- ✓ Easy to read instructions, saving over 12 minutes fitting time

TS.7104

PAGE 86



Key Features

- ✓ Adjustable power size EN 1-4
- ✓ CE marked
- ✓ Standard spindle size - 8mm
- ✓ Easy to read instructions, saving over 12 minutes fitting time

TS.7306

PAGE 90



Key Features

- ✓ Variable power size EN3-6, adjustable by spring
- ✓ Available in double or single action kits
- ✓ Standard spindle size - 8mm
- ✓ Easy to read instructions, saving over 12 minutes fitting time

TS.7000 Floor Springs



01246 261491 | sales@rutlanduk.co.uk | www.rutlanduk.co.uk

Product Overview

- ✓ Available in three power sizes - EN 2/3/4
- ✓ CE marked and UL listed
- ✓ Renown for its Adaptability and Reliability
- ✓ Standard spindle size - 8mm
- ✓ Easy to read instructions, saving over 12 minutes fitting time



Specification Overview



Fire Tested to EN1634



Max Door Weight
7002-70kg (16Nm)
7003-105kg (19Nm)
7004-150kg (25Nm)



Opening Angle
130°



Max Door Width
7002-850mm
7003-950mm
7004-1150mm



Adjustable Closing Speed



7000CPR01.07.13



Universal Application



Power Size
EN2, 3, 4



Adjustable Latch Speed

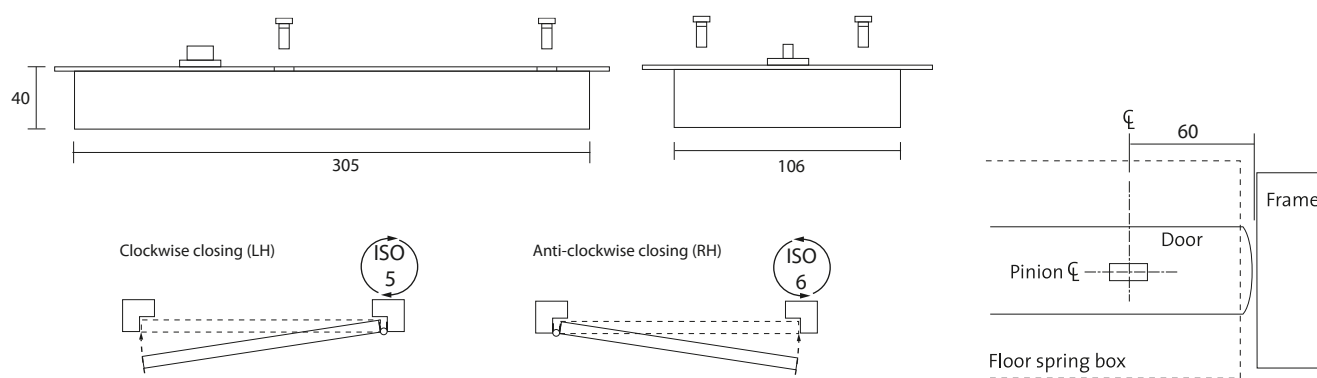


Back Check



Guarantee

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

BS EN 1154 Classification

TS7000 door closers have been independently tested to conform with the EN 1154 performance standard. They are CE marked and classified as follows:

3 8 3 1 1 3

BS EN 1634 Fire Test

TS7000 closers have been tested to EN 1634 Test certificates are available on request.

UL Listed

The TS.7000 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

Options

- EN2 (7002)

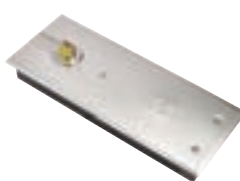
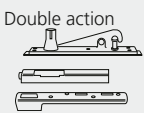

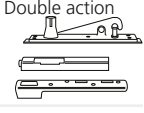

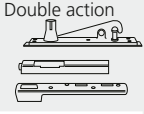

*Note: Push or pull slide of the door subject to rebate distances
Options not covered by CE.*

Other Benefits

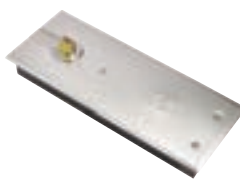
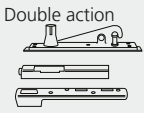

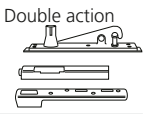

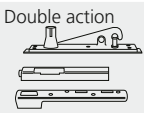
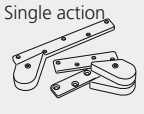
- Accessory pack available
- Single or double action arms available
- SSS, PB & AB finishes available
- Drive spindles: 3, 5, 8, 10, 13, 15, 18, 23, 28, 33, 48mm

TS.7000 Components

TS.7000 - Hold Open

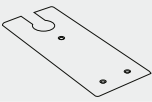
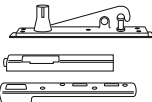
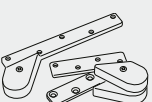
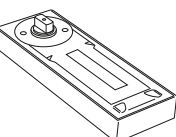

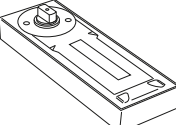
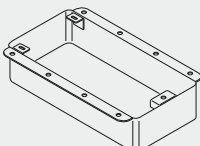
Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.7002 combined unit hold open floor spring cover and action accessory pack</p> <p>Double action </p> <p>Single action </p>	2	Stainless Steel	11437	TS.7002HO.DAX.SS	4
		Polished Brass	11436	TS.7002HO.DAX.PB	4
		Antique Brass	12469	TS.7002HO.DAX.AB	4
		Stainless Steel	LH 11440 RH 11441	TS.7002HO.SAX.SS	4
		Polished Brass	LH 11438 RH 11439	TS.7002HO.SAX.PB	4
		Antique Brass	LH 12470 RH 12471	TS.7002HO.SAX.AB	4
<p>TS.7003 combined unit hold open floor spring cover and action accessory pack</p> <p>Double action </p> <p>Single action </p>	3	Stainless Steel	11451	TS.7003HO.DAX.SS	4
		Polished Brass	11450	TS.7003HO.DAX.PB	4
		Antique Brass	12472	TS.7003HO.DAX.AB	4
		Stainless Steel	LH 11454 RH 11455	TS.7003HO.SAX.SS	4
		Polished Brass	LH 11452 RH 11453	TS.7003HO.SAX.PB	4
		Antique Brass	LH 12473 RH 12474	TS.7003HO.SAX.AB	4
<p>TS.7004 combined unit hold open floor spring cover and action accessory pack</p> <p>Double action </p> <p>Single action </p>	4	Stainless Steel	11465	TS.7004HO.DAX.SS	4
		Polished Brass	11464	TS.7004HO.DAX.PB	4
		Antique Brass	12475	TS.7004HO.DAX.AB	4
		Stainless Steel	LH 11468 RH 11469	TS.7004HO.SAX.SS	4
		Polished Brass	LH 11466 RH 11467	TS.7004HO.SAX.PB	4
		Antique Brass	LH 12476 RH 12477	TS.7004HO.SAX.AB	4

TS7000 - Non Hold Open

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.7002 combined unit hold open floor spring cover and action accessory pack</p> <p>Double action </p> <p>Single action </p>	2	Stainless Steel	11444	TS.7002NHO.DAX.SS	4
		Polished Brass	11443	TS.7002NHO.DAX.PB	4
		Antique Brass	12478	TS.7002NHO.DAX.AB	4
		Stainless Steel	LH 11447 RH 11448	TS.7002NHO.SAX.SS	4
		Polished Brass	LH 11445 RH 11446	TS.7002NHO.SAX.PB	4
		Antique Brass	LH 12479 RH 12480	TS.7002NHO.SAX.AB	4
<p>TS.7003 combined unit hold open floor spring cover and action accessory pack</p> <p>Double action </p> <p>Single action </p>	3	Stainless Steel	11458	TS.7003NHO.DAX.SS	4
		Polished Brass	11457	TS.7003NHO.DAX.PB	4
		Antique Brass	12481	TS.7003NHO.DAX.AB	4
		Stainless Steel	LH 11461 RH 11462	TS.7003NHO.SAX.SS	4
		Polished Brass	LH 11459 RH 11460	TS.7003NHO.SAX.PB	4
		Antique Brass	LH 12482 RH 12483	TS.7003NHO.SAX.AB	4
<p>TS.7004 combined unit hold open floor spring cover and action accessory pack</p> <p>Double action </p> <p>Single action </p>	4	Stainless Steel	11472	TS.7004NHO.DAX.SS	4
		Polished Brass	11471	TS.7004NHO.DAX.PB	4
		Antique Brass	12484	TS.7004NHO.DAX.AB	4
		Stainless Steel	LH 11468 RH 11469	TS.7004NHO.SAX.SS	4
		Polished Brass	LH 11466 RH 11467	TS.7004NHO.SAX.PB	4
		Antique Brass	LH 12485 RH 12486	TS.7004NHO.SAX.AB	4

TS.7000 Components

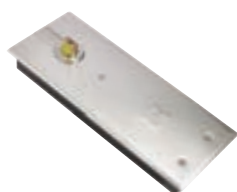
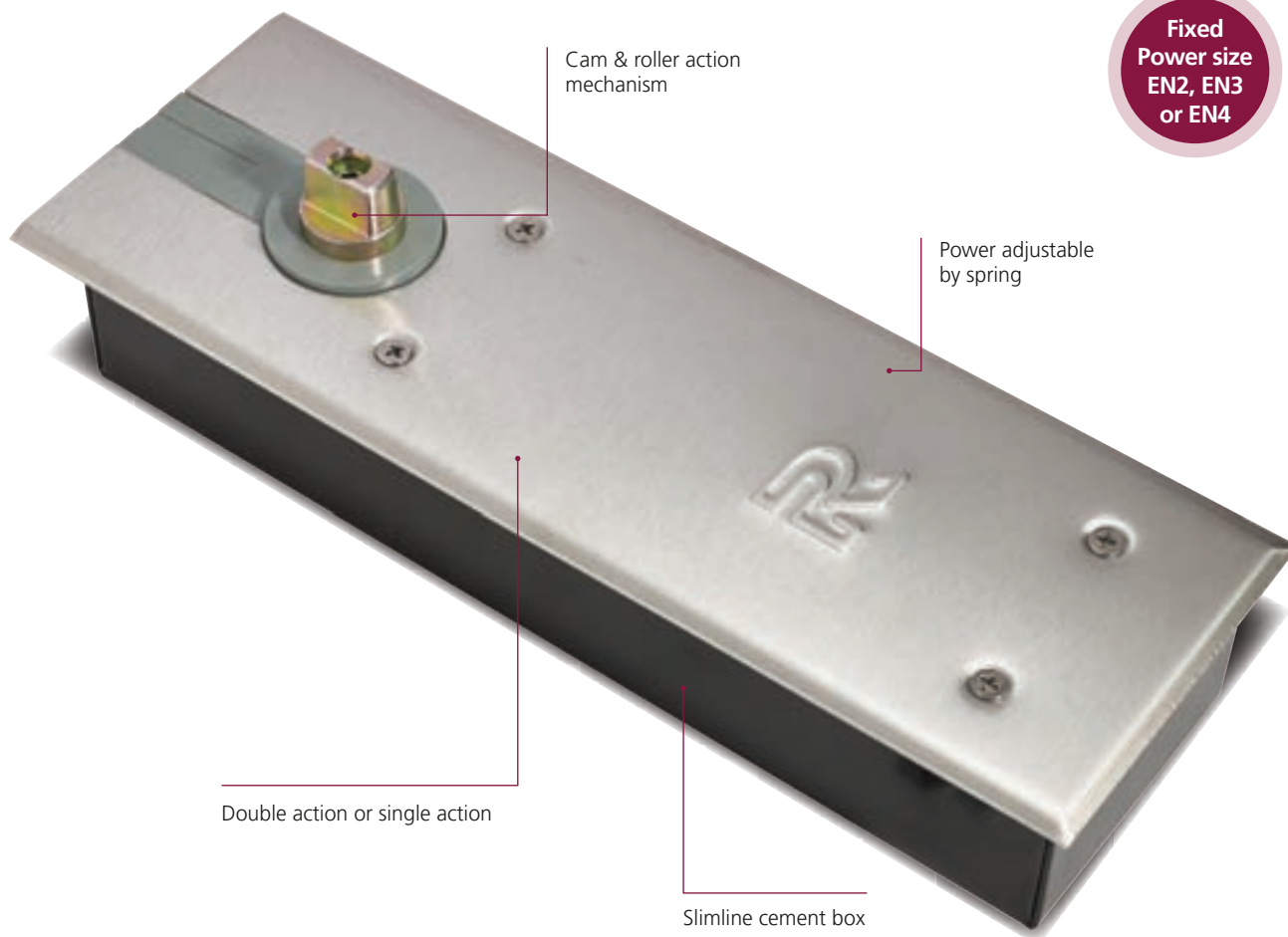


Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 TS.7000 Cover plate	-	Stainless Steel	11027	CP.70.SS	25
		Polished Brass	11025	CP.70.PB	25
		Antique Brass	12092	CP.70.AB	25
 TS.7000 Double action accessory pack	-	Stainless Steel, Polished Brass and Antique Brass*	11221	PS.180.SS.PB	10
				12487	PS.180.AB
 T.S7000 Single action accessory pack	Left hand	Stainless Steel	11218	PS.170L.SS	10
	Left hand	Polished Brass	11216	PS.170L.PB	10
	Left hand	Antique Brass	12489	PS.170L.AB	10
	Right hand	Stainless Steel	11220	PS.170R.SS	10
	Right hand	Polished Brass	11219	PS.170R.PB	10
	Right hand	Antique Brass	12488	PS.170R.AB	10
TS.7002 Hold open body only c/w cement box	2	-	11435	TS.7002HO	4
TS.7002 Non hold open body only c/w cement box	2	-	11442	TS.7002NHO	4
 TS.7003 Hold open body only c/w cement box	3	-	11449	TS.7003HO	4
	3	-	11456	TS.7003NHO	4
TS.7004 Hold open body only c/w cement box	4	-	11463	TS.7004HO	4
TS7004 Non hold open body only c/w cement box	4	-	11470	TS.7004NHO	4
 Drive spindles for TS.7000 floor springs 3, 5, 8, 10, 13, 15, 18, 23, 28, 33, 48mm (8mm supplied as standard)	3	YPAS	11081	DS.70.3	50
	5	YPAS	11082	DS.70.5	50
	8	YPAS	11083	DS.70.8	50
	10	YPAS	11075	DS.70.10	50
	13	YPAS	11076	DS.70.13	50
	15	YPAS	11077	DS.70.15	50
	18	YPAS	11078	DS.70.18	50
	23	YPAS	11079	DS.70.23	50
	28	YPAS	11080	DS.70.28	50
	33	YPAS	11857	DS.70.33	50
	48	YPAS	11819	DS.70.48	50
 TS.7000 Dummy floor spring	-	-	11942	DF.70.SS	4
 Hollow floor mounting cradle for floor spring 108W x 306L x 40H	-	Black	11151	HMC.70	25
Intumescent kit for TS.7000	-	-	11164	IP.70	100

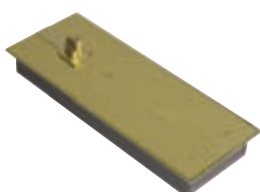
*If Polished Brass to state on the order

TS.7104 Slimline Floor Springs

Fixed
Power size
EN2, EN3
or EN4



Satin Stainless Steel (SS)



Polished Brass (PB)

Product Overview

- ✓ Adjustable power size EN 1-4
- ✓ CE marked
- ✓ Standard spindle size - 8mm
- ✓ Easy to read instructions, saving over 12 minutes fitting time



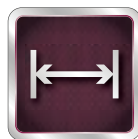
Specification Overview



Max Door Weight 150kg



Opening Angle 130°



Max Door Width 1150mm



Adjustable Closing Speed



Universal Application



Power Size EN1-4



Adjustable Latch Speed

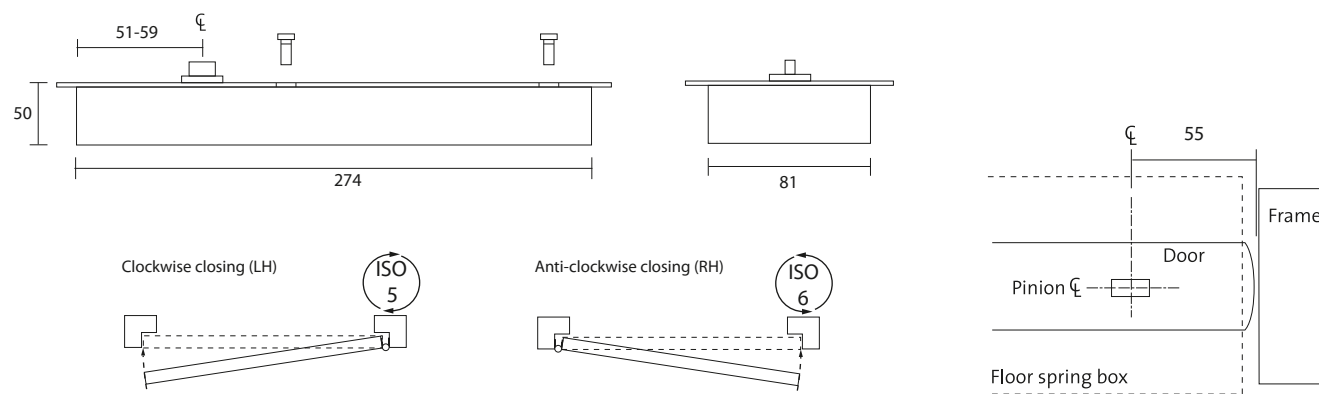


Back Check (optional)



Guarantee

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

They are CE marked and classified as follows:

3 8 $\frac{1}{4}$ 1 1 3

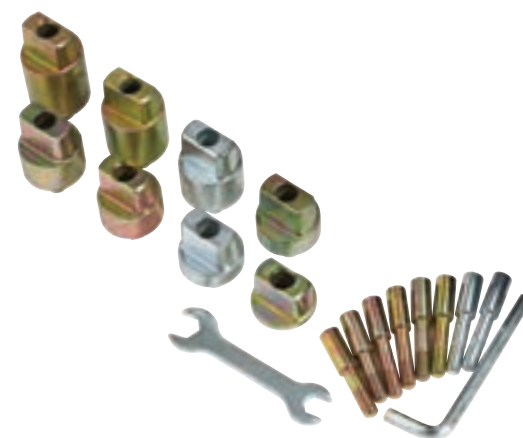
Options

- Back check
- Hold-open (Not to be used on fire doors)
- Single or double action arms available
- SSS & PB finishes available
- Drive spindles: 3, 5, 8, 10, 13, 15, 18, 23, 28, 33, 48mm

Note: Push or pull side of the door subject to rebate distances

FIRE DOORS


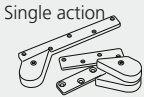

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.





Range of spindles available as optional extras.

TS.7104 Components

TS.7104 - Hold Open

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.7104 combined unit</p> <p>Double action </p> <p>Single action </p>	1-4	Stainless Steel 	11893	TS.7104HO.DAX.SS	4
		Polished Brass 	11892	TS.7104HO.DAX.PB	4
		Stainless Steel 	LH 11896 RH 11897	TS.7104HO.SAX.SS	4
		Polished Brass 	LH 11894 RH 11895	TS.7104HO.SAX.PB	4

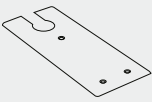


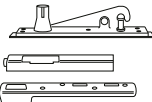

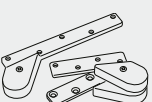




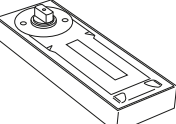
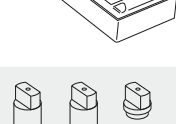
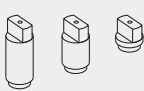
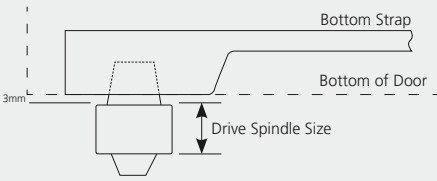
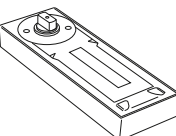
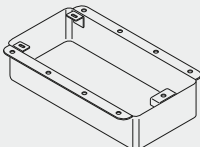

TS.7104 - Non Hold Open

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.7104 combined unit</p> <p>Double action </p> <p>Single action </p>	1-4	Stainless Steel 	11899	TS.7104NHO.DAX.SS	4
		Polished Brass 	11898	TS.7104NHO.DAX.PB	4
		Stainless Steel 	LH 11902 RH 11903	TS.7104NHO.SAX.SS	4
		Polished Brass 	LH 11900 RH 11901	TS.7104NHO.SAX.PB	4

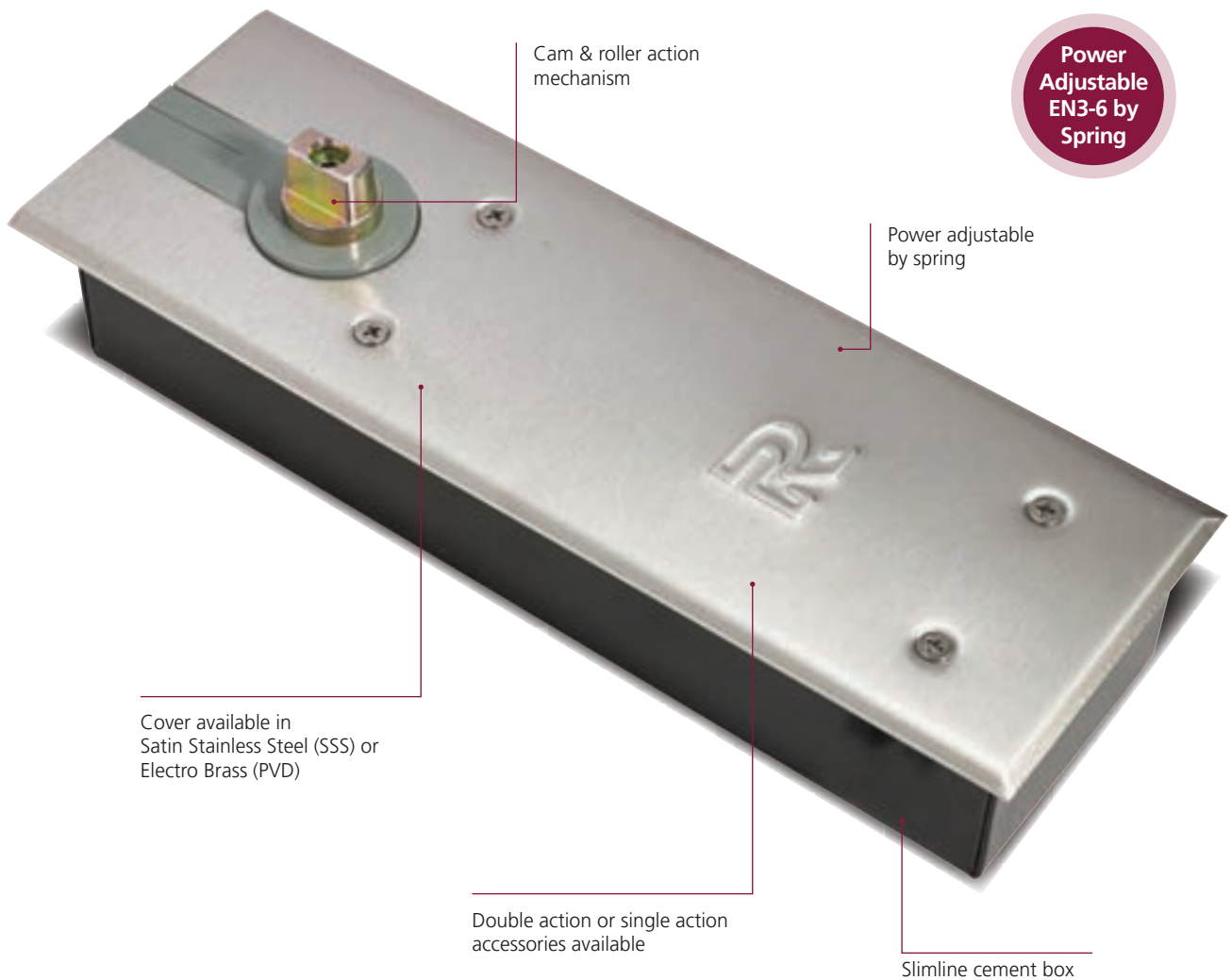


F.Hinds, Frenchgate Centre,
Doncaster, England

TS.7104 Components

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.7104 Cover plate</p>	-	Stainless Steel 	11941	CP.74.SS	25
		Polished Brass 	11940	CP.74.PB	25
 <p>TS.7104 Double action accessory pack</p>	-	Stainless Steel and Polished Brass 	12057	PS.190.SS.PB	10
 <p>TS.7104 Single action accessory pack</p>	Left hand	Stainless Steel 	11218	PS.170L.SS	10
	Left hand	Polished Brass 	11216	PS.170L.PB	10
	Right hand	Stainless Steel 	11220	PS.170R.SS	10
	Right hand	Polished Brass 	11219	PS.170R.PB	10
 <p>TS.7104 Hold open body only c/w cement box</p>	4	-	11862	TS.7104HO	4
 <p>TS.7104 Non hold open body only c/w cement box</p>	4	-	11855	TS.7104NHO	4
 <p>Drive spindles for TS.7104 floor springs 3, 5, 8, 10, 13, 15, 18, 23, 48mm (8mm supplied as standard)</p> 	3	YPAS	11081	DS.70.3	50
	5	YPAS	11082	DS.70.5	50
	8	YPAS	11083	DS.70.8	50
	10	YPAS	11075	DS.70.10	50
	13	YPAS	11076	DS.70.13	50
	15	YPAS	11077	DS.70.15	50
	18	YPAS	11078	DS.70.18	50
	23	YPAS	11079	DS.70.23	50
	28	YPAS	11080	DS.70.28	50
	33	YPAS	11857	DS.70.33	50
	48	YPAS	11819	DS.70.48	50
 <p>TS.7104 Dummy floor spring</p>	-	-	11942	DF.70.SS	4
 <p>Hollow floor mounting cradle for floor spring 275L x 80W x 50H</p>	-	Black 	11974	HMC.74	25
Intumescent kit for TS7104	-	-	11164	IP.70	100

TS.7306 Heavy Duty Floor Spring



Power Adjustable EN3-6 by Spring

Cam & roller action mechanism

Power adjustable by spring

Cover available in Satin Stainless Steel (SSS) or Electro Brass (PVD)

Double action or single action accessories available

Slimline cement box



Satin Stainless Steel (SS)



Range of spindles available as optional extras.

Product Overview

- ✓ Variable power size EN3-6, adjustable by spring
- ✓ Available in double or single action kits
- ✓ Standard spindle size - 8mm
- ✓ Easy to read instructions, saving over 12 minutes fitting time
- ✓ This floor spring is not suitable for fire doors

Options

- Back check
- Hold-open (Not to be used on fire doors)
- Single or double action arms available
- SSS, PVD finishes available
- Door straps to remain the same but with **Pivot Set PS.190**
- Drive spindles: 3, 5, 8, 10, 13, 15, 18, 23, 28, 33, 48mm

Note: Push or pull side of the door subject to rebate distances. For drive spindle codes see components on page 87 or 91.

Specification Overview



Max Door Weight 300kg



Opening Angle 150°



Max Door Width 1450mm



Adjustable Closing Speed



Universal Application



Power Size 3-6



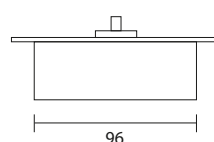
Adjustable Latch Speed



Back Check (optional)

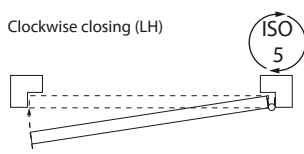


Guarantee

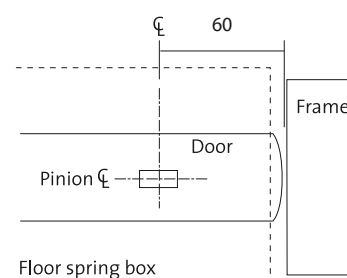
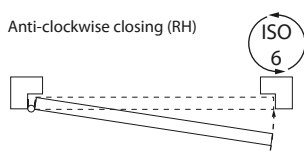


All dimensions shown are in mm.

Clockwise closing (LH)



Anti-clockwise closing (RH)


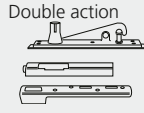


For fitting instructions see website - www.rutlanduk.co.uk

TS.7306 - Hold Open

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>Heavy Duty Floor Spring</p>	Double action 	3-6 Stainless Steel	12102	TS.7306HO.DAX.SS	4
	Body & Cover only	3-6 Stainless Steel	12101	TS.7306HO.SS	4

TS.7306 - Non Hold Open

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>Heavy Duty Floor Spring</p>	Double action 	3-6 Stainless Steel	12104	TS.7306NHO.DAX.SS	4
	Body & Cover only	3-6 Stainless Steel	12103	TS.7306NHO.SS	4



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Glass Patch Door Closers

overview

GP.3

PAGE 94



Key Features

- ✓ Fixed power size EN 3
- ✓ UL listed
- ✓ Ideal for concrete floors with underfloor services, pipes and mains
- ✓ Average saving of 1 hour for fitting compared to traditional floor springs

GP.35

PAGE 96



Key Features

- ✓ Variable power size EN 3-5
- ✓ UL listed
- ✓ Ideal for concrete floors with underfloor services, pipes and mains
- ✓ Average saving of 1 hour fitting compared to traditional floor springs

GPR.3

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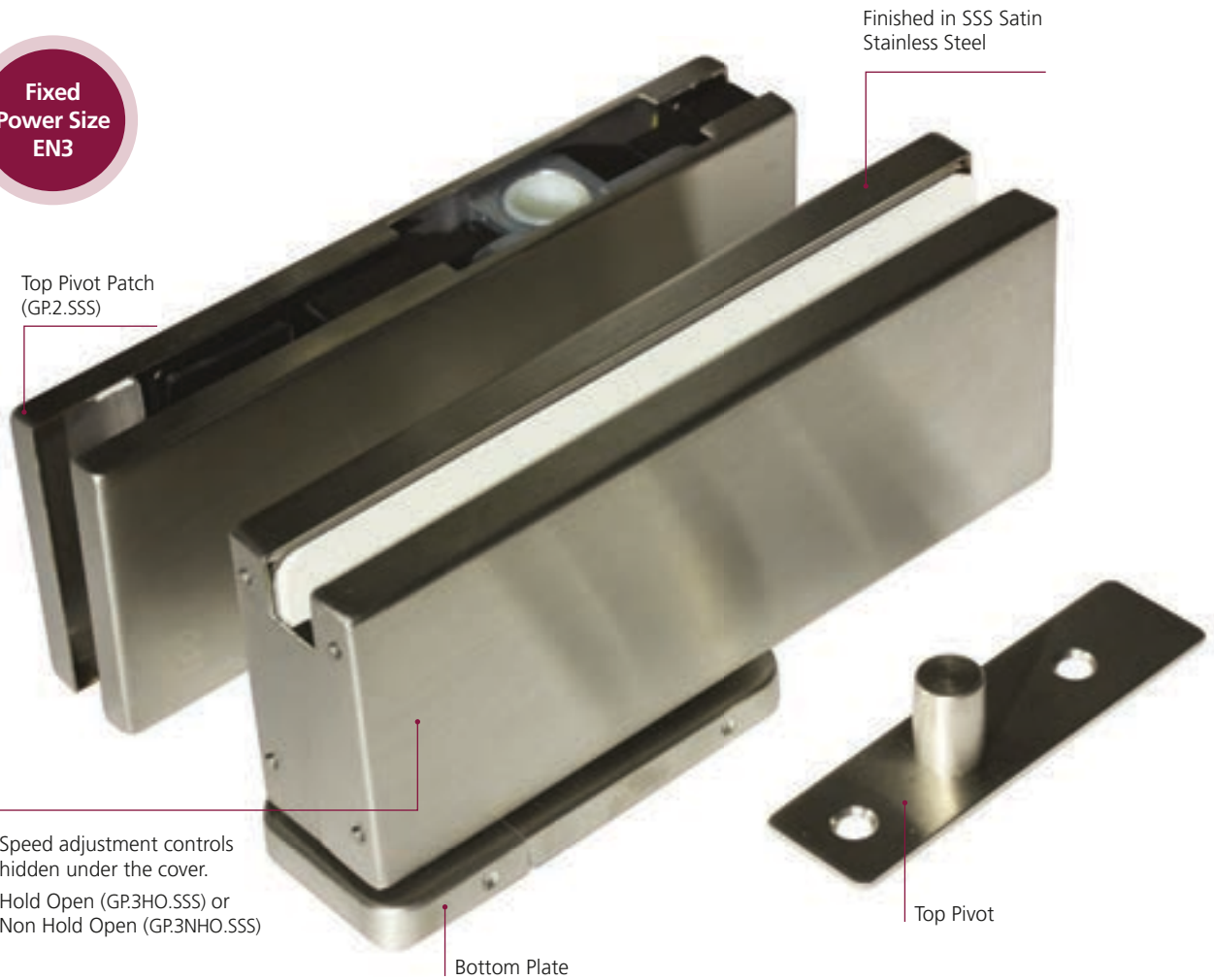


Key Features

- ✓ Fixed power size EN 3
- ✓ UL listed
- ✓ Can be adjusted in length from 950mm to 650mm approx
- ✓ Suitable for 8mm to 13mm
- ✓ Has a self closing pivot which is surface fixed

GP.3 Glass Closer

Fixed
Power Size
EN3



Product Overview

- ✓ Fixed power size EN 3
- ✓ UL listed
- ✓ Ideal for concrete floors with underfloor services, pipes and mains
- ✓ Average saving of 1 hour for fitting compared to traditional floor springs

Specification Overview



Max Door Weight
up to 80kg



Max Door Width
950mm



Universal
Application



Guarantee

Technical Information

- Finishes available Satin Stainless Steel (SSS)
- Not CE Marked
- Best for glass doors in non-fire rated entrances, quiet rooms, display or lobby areas.
- Glass Thickness 8 – 13mm

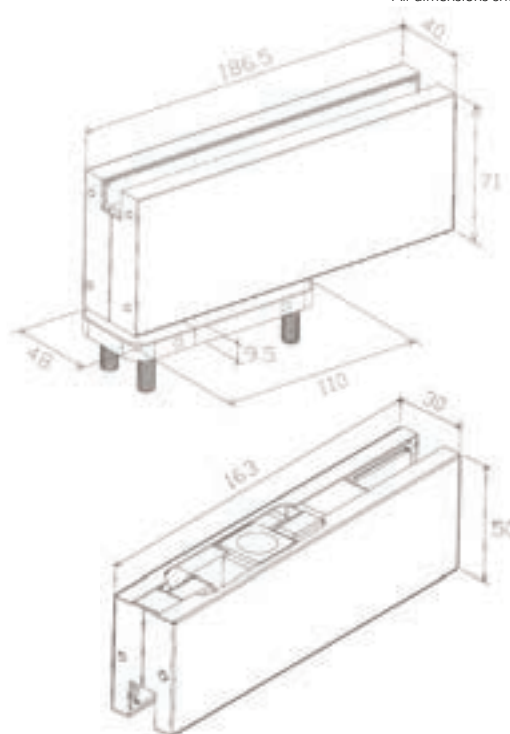
UL Listed

The GP.3 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

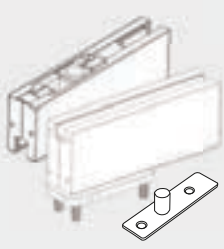
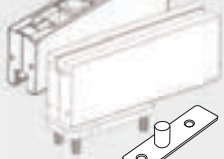
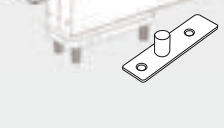
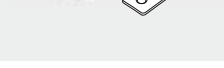


Options

- Hold Open (GP.3HO.SSS)
- Non Hold Open (GP.3NHO.SSS)

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 Glass Patch Closer C/W Closer, Top Patch & Pivot Hold Open	3	Satin Stainless	12143	GP.3HO.KIT	6
 Glass Patch Closer	3	Satin Stainless	12078	GP.3HO.SSS	6
 Glass Patch Closer C/W Closer, Top Patch & Pivot Non Hold Open	3	Satin Stainless	12144	GP.3NHO.KIT	6
 Glass Patch Closer	3	Satin Stainless	12079	GP.3NHO.SSS	6
 Top Pivot	-	Satin Stainless	12088	TP.1.SSS	6
 Top Pivot Patch	-	Satin Stainless	12084	GP.2.SSS	6

GP.35 Glass Closer

Power Adjustable
EN3-5 by
Spring



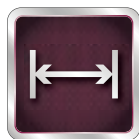
Product Overview

- ✓ Variable power size EN 3-5
- ✓ UL listed
- ✓ Ideal for concrete floors with underfloor services, pipes and mains
- ✓ Average saving of 1 hour fitting compared to traditional floor springs

Specification Overview



Max Door Weight
up to 100kg



Max Door Width
1250mm



Universal
Application



Guarantee

Technical Information

- Finishes available SSS Satin Stainless Steel
- Not CE Marked
- Best for glass doors in non-fire rated entrances, quiet rooms, display or lobby areas.
- Glass Thickness 8 – 13mm

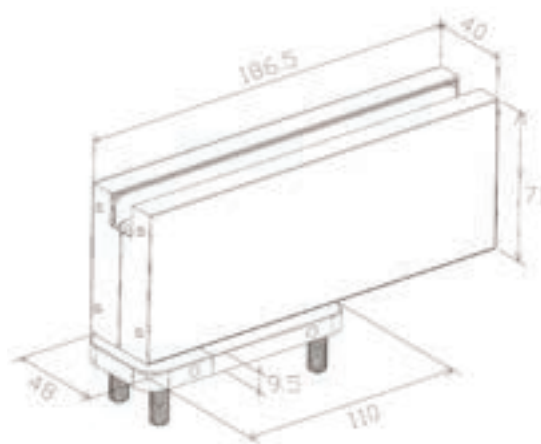
UL Listed

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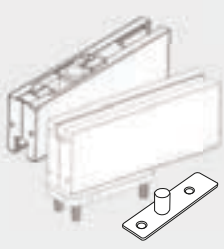
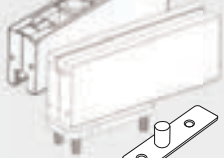
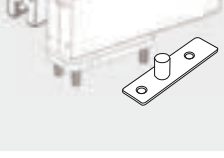
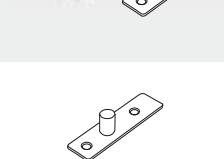


Options

- Hold Open (GP.35HO.SSS)
- Non Hold Open (GP.35NHO.SSS)

All dimensions shown are in mm.

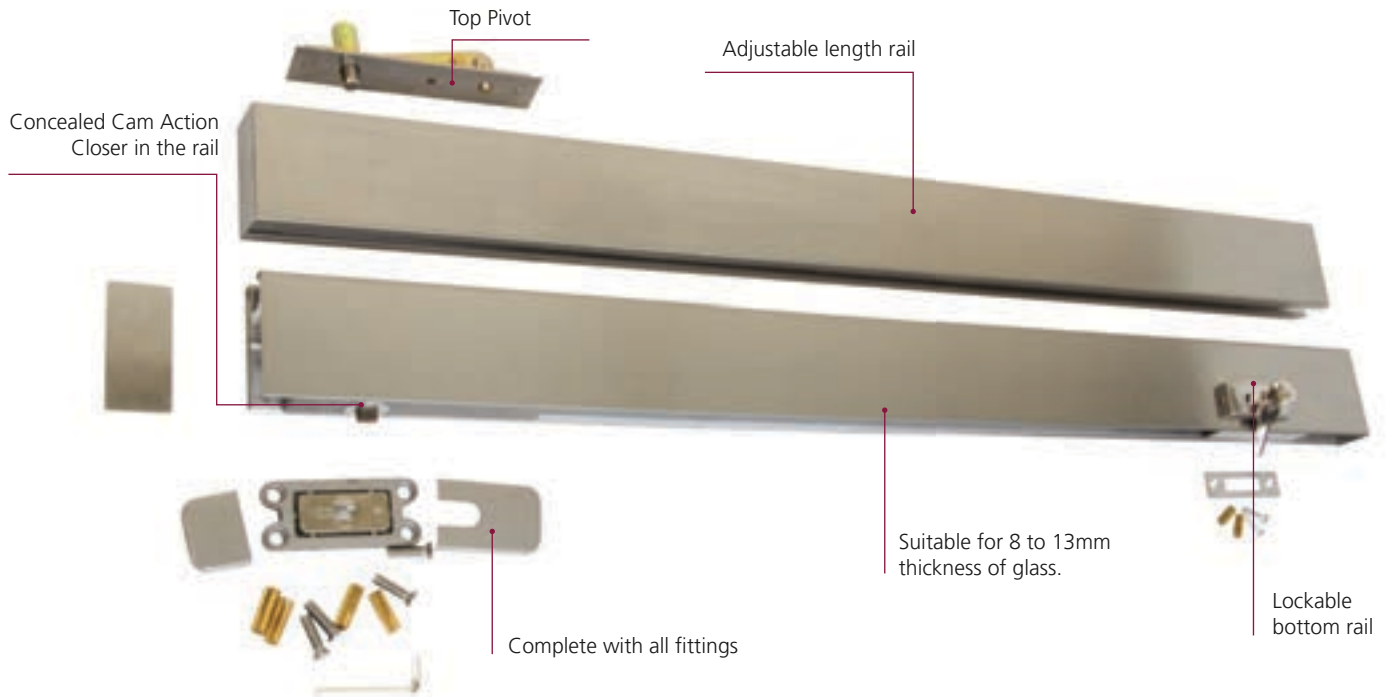


For fitting instructions see website - www.rutlanduk.co.uk

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 Glass Patch Closer C/W Closer, Top Patch & Pivot Hold Open	3-5	Satin Stainless	12145	GP.35HO.KIT	6
 Glass Patch Closer	3-5	Satin Stainless	12082	GP.35HO.SSS	6
 Glass Patch Closer C/W Closer, Top Patch & Pivot Non Hold Open	3-5	Satin Stainless	12146	GP.35NHO.KIT	6
 Glass Patch Closer	3-5	Satin Stainless	12083	GP.35NHO.SSS	6
 Top Pivot	-	Satin Stainless	12088	TP.1.SSS	6
 Top Pivot Patch	-	Satin Stainless	12084	GP.2.SSS	6

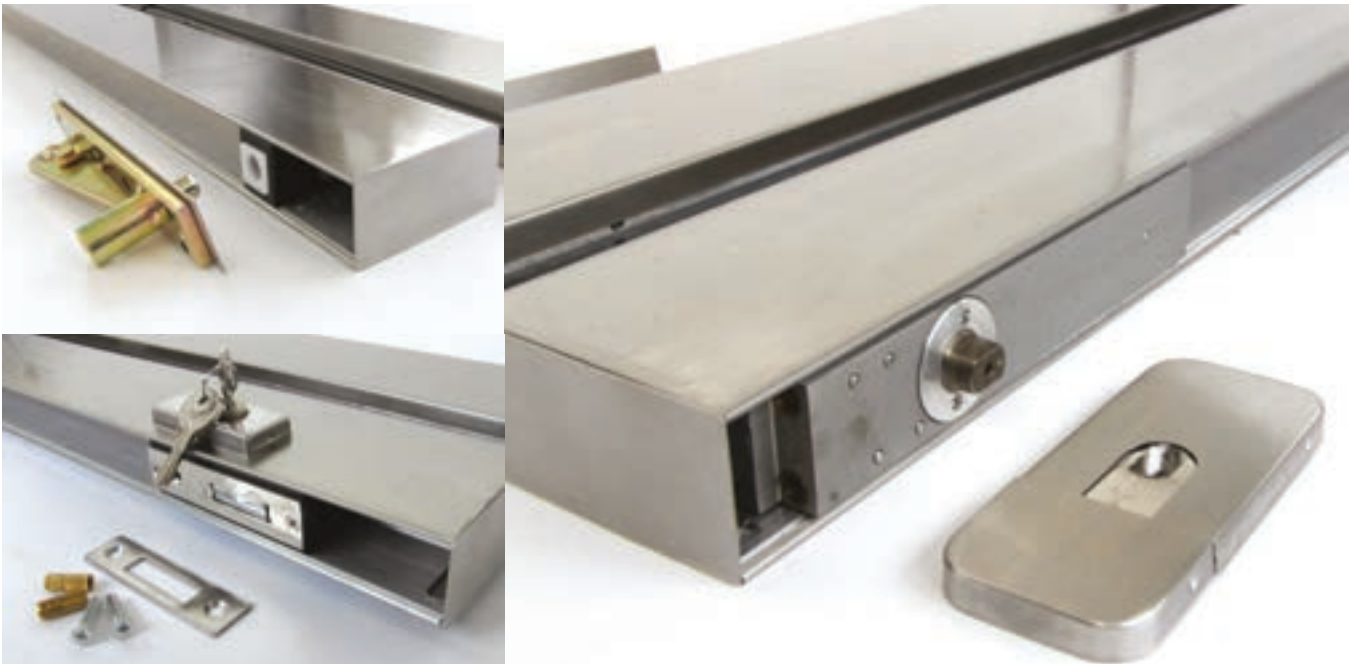
GPR.3 Glass Rail Closer

Fixed
Power Size
EN3



Product Overview

- ✓ Fixed power size EN 3
- ✓ UL listed
- ✓ Can be adjusted in length from 950mm to 650mm approx
- ✓ Suitable for 8mm to 13mm
- ✓ Has a self closing pivot which is surface fixed



Specification Overview



Max Door Weight
up to 175kg



Max Door Width
950mm

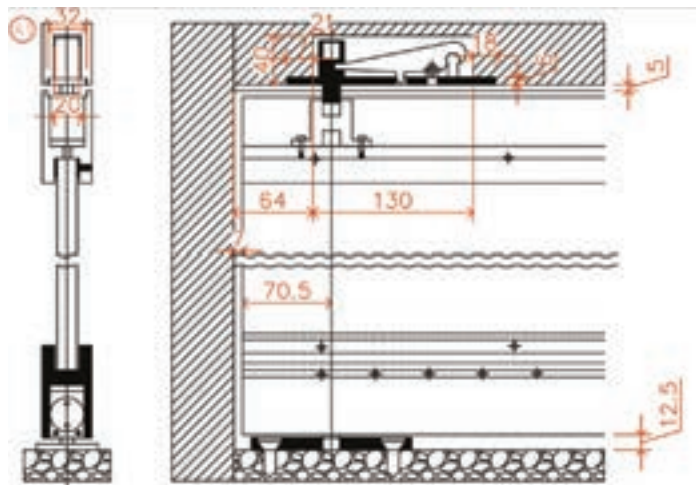


Universal
Application



Guarantee

All dimensions shown are in mm.




For fitting instructions see website - www.rutlanduk.co.uk

Technical Information

UL Listed

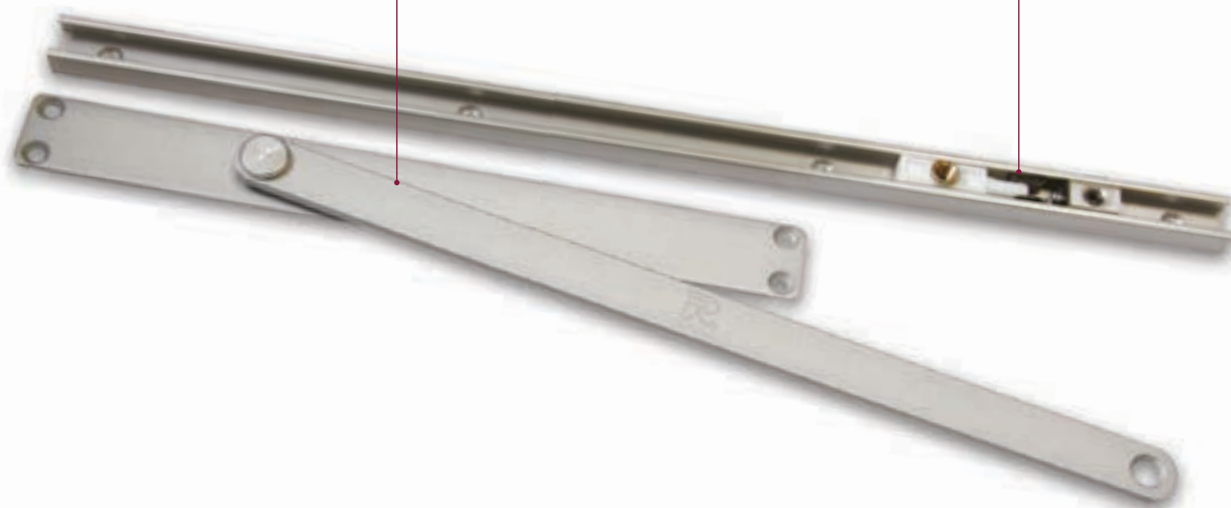
The GPR.35 has been certified and labelled to the Underwriters' Laboratories (UL) testing, inspection, certification, auditing and validation.

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
Glass patch rail, fixed power size	3	Satin Stainless 	12192	GPR.3.SSS	3

DR.11000 Door Restrictor

Heavy duty silver finish

Can be supplied with a cushion stop or a hold open clip

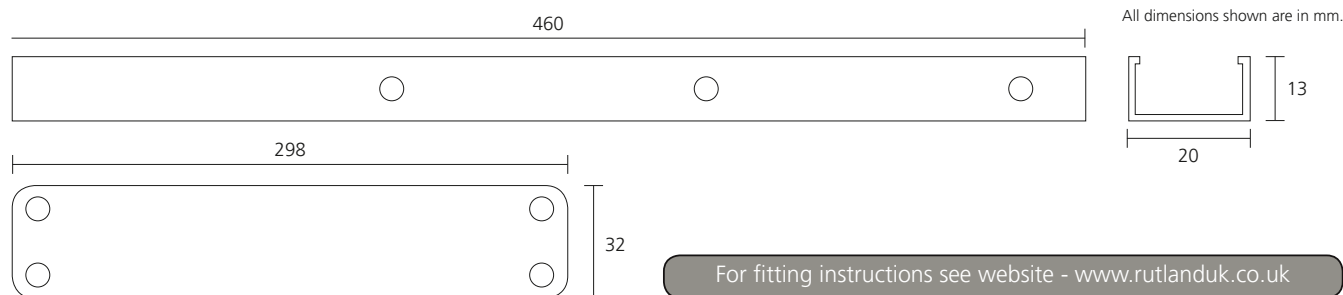





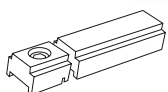

Product Overview

- ✓ An ideal option for restricting the door from going beyond any angle required by the user. This can be supplied with a hold open clip or cushion stop
- ✓ Used on external doors to loading bays or goods store entrance doors
- ✓ Perfect for windy, busy conditions
- ✓ Available in heavy duty silver finish

Options

- Hold open clip
- Cushion stop



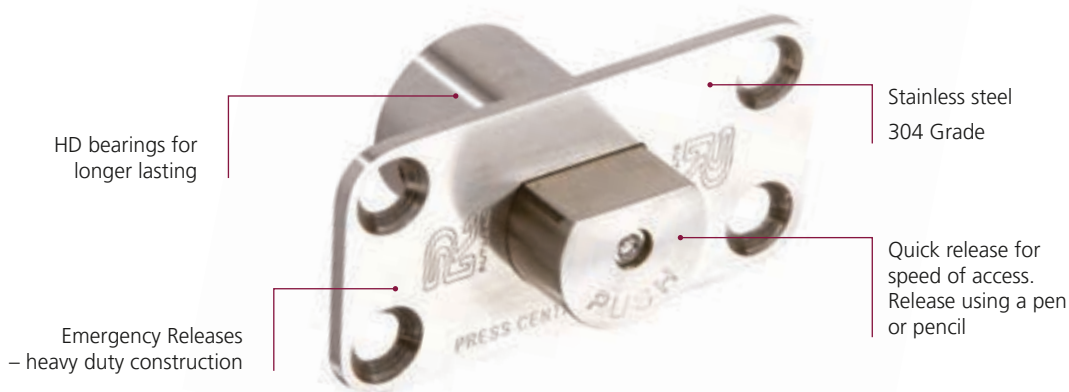
Description	Finish	Re-order Code	Product Code	Box Qty
 Restrictor Stay	Silver 	11417	DR.11000.SE	10
	Satin Nickel 	12169	DR.11000.SNP	10
 Cushion stop	-	12140	SA.CS.M	10
 Hold open facility	-	12138	SA.HO.M	10



London, England

TH.106/7

Emergency Release Stop



TH.106 Overview

- ✓ 'Lock-in' hold device
- ✓ Allows double swing emergency access
- ✓ Designed for use with PS.100 and PS.190 double-action pivots
- ✓ Allows double swing emergency access
- ✓ Automatic stop reset
- ✓ Maintenance free
- ✓ Stainless steel 304 Grade
- ✓ Comes complete with fixings
- ✓ Guarantee 25 years

TH.107 Overview

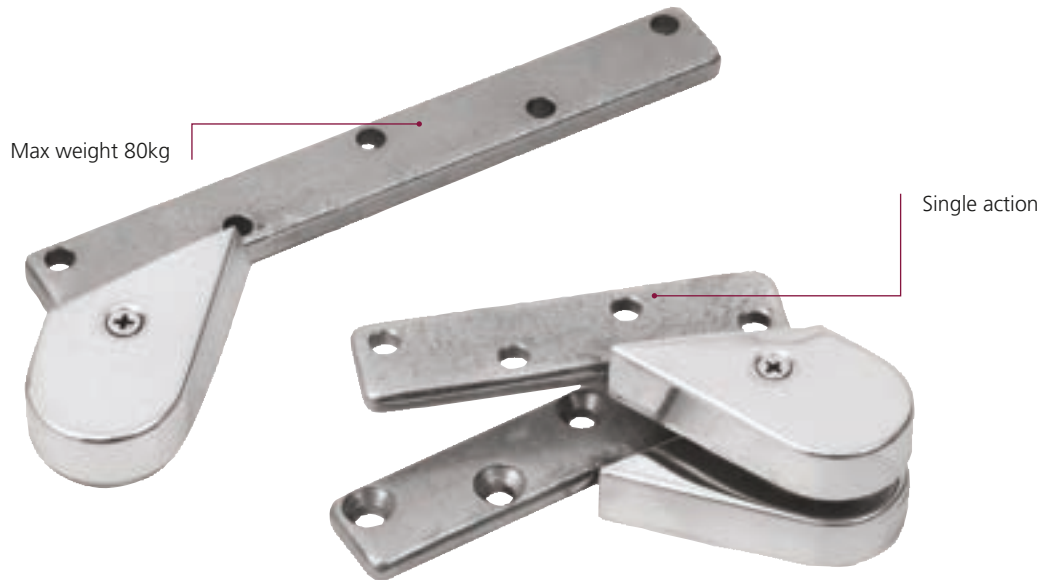
- ✓ Both 'Lock-in' hold & 'Lock-out' hold device
- ✓ Lock-in allows double swing emergency access
- ✓ Lock-out prevents tampering
- ✓ Designed for use with PS.100 and PS.190 double-action pivots
- ✓ Allows double swing emergency access
- ✓ Automatic stop reset
- ✓ Maintenance free
- ✓ Stainless steel 304 Grade
- ✓ Comes complete with fixings
- ✓ Guarantee 25 years

Description	Finish	Re-order Code	Product Code	Box Qty
Emergency release door stop	Stainless Steel	11338	TH.106	50

Description	Finish	Re-order Code	Product Code	Box Qty
Emergency release door stop	Stainless Steel	11339	TH.107	50

PS.170

Single Action Pivot Set

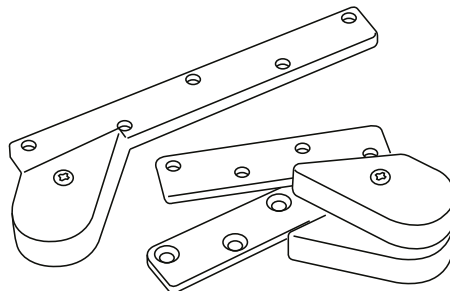


Product Overview

- ✓ Single action
- ✓ Max weight 80kg
- ✓ Medium duty pivot to suit TS.7000/2/3 floor springs
- ✓ Can be used with just the spindle bearing PS.260
- ✓ Available in SS and PB

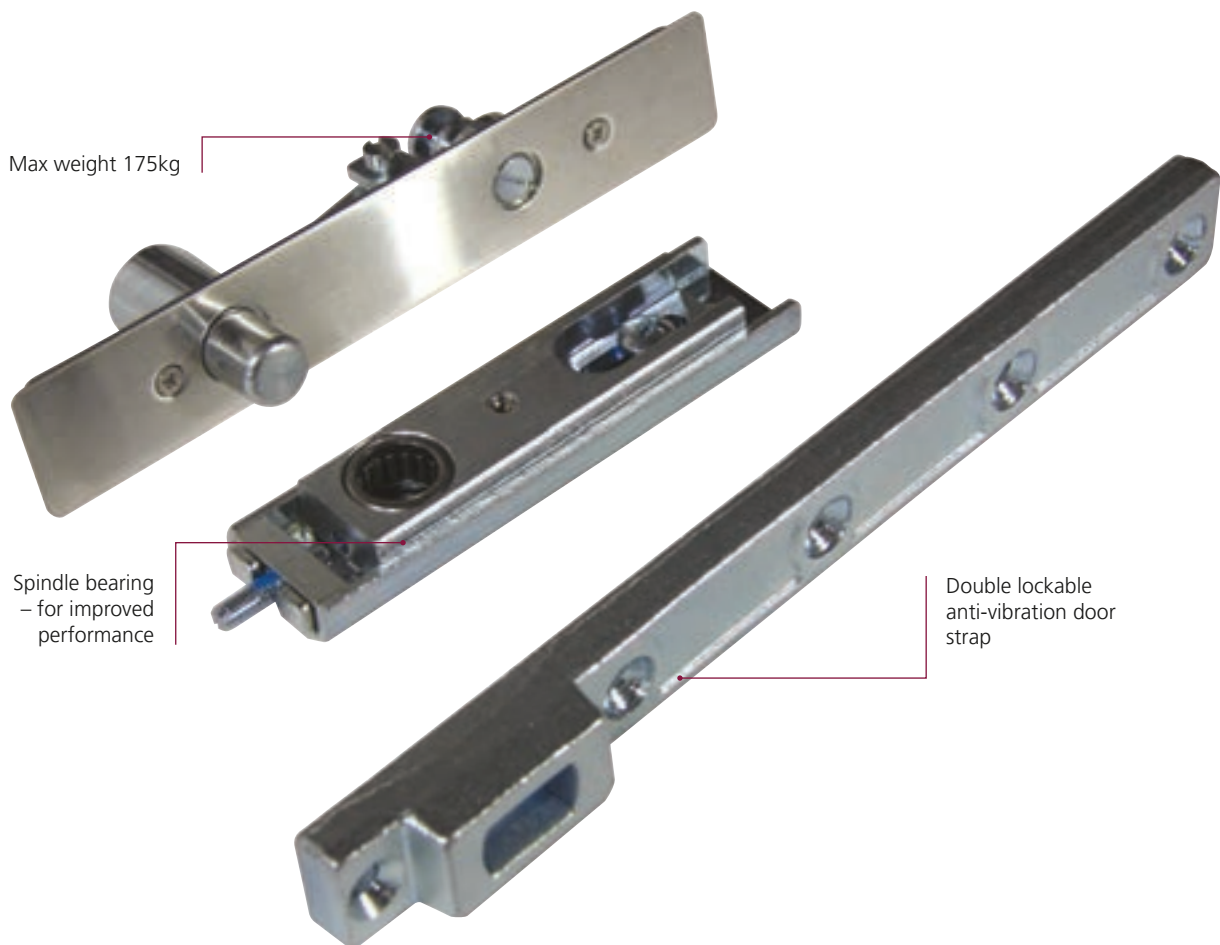
FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.



Description	Finish	Re-order Code	Product Code	Box Qty
 Single action top & bottom centre pivot (left hand)	Stainless Steel	11218	PS.170L.SS	10
	Polished Brass	11216	PS.170L.PB	10
Single action top & bottom centre pivot (right hand)	Stainless Steel	11220	PS.170R.SS	10
	Polished Brass	11219	PS.170R.PB	10

PS.190 Double Action Pivot Set



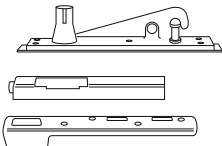

Product Overview

Heavy Duty Double action pivot set with anti-vibration lockable strap.

- ✓ Max door weight 175kg
- ✓ Spindle bearing – for improved performance
- ✓ Double lockable anti-vibration door strap – holding the door inline and maintaining the fire integrity
- ✓ Stronger bottom strap with universal pattern slot – can be used on most manufactured spindle bearings or floor springs

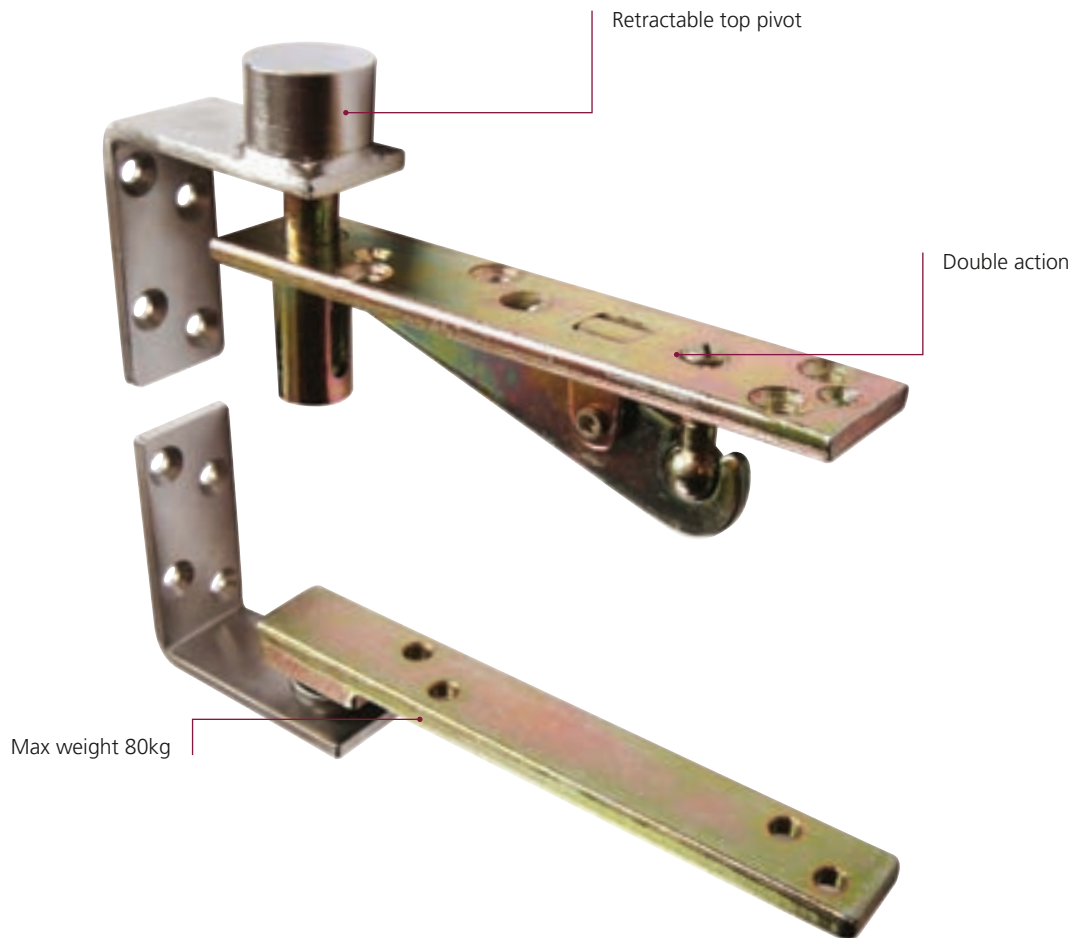
FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

Description	Finish	Re-order Code	Product Code	Box Qty
	Stainless Steel and Polished Brass 	12057	PS.190.SS.PB	10

PS.100

Double Action Pivot Set




Product Overview

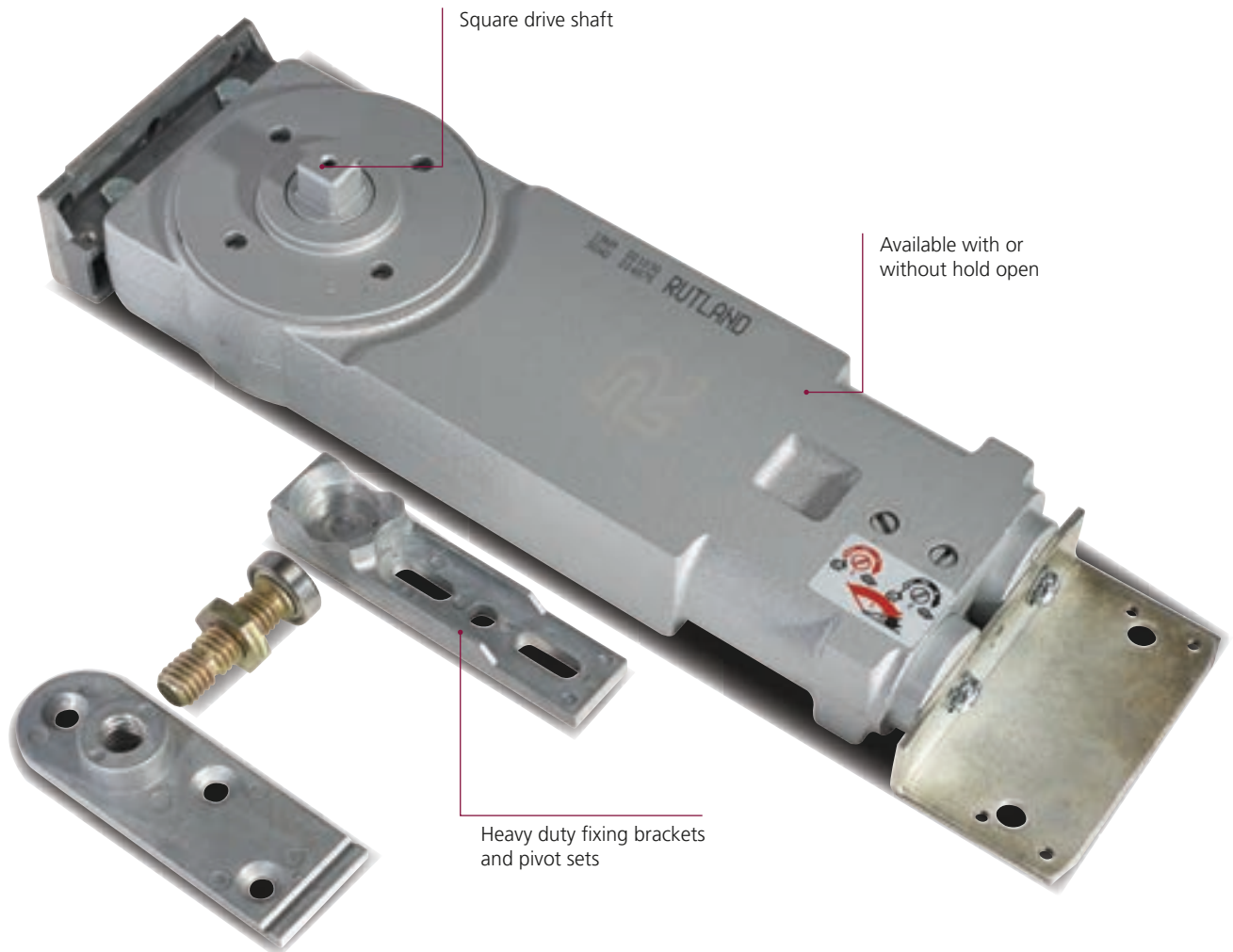
- ✓ Max door weight 80kg
- ✓ Double action
- ✓ Easy installation
- ✓ Satin stainless steel
- ✓ Retractable top pivot
- ✓ Ideal for use in double action disabled doors/hospitals, nursing homes and dementia clinics etc.

FIRE DOORS

Intumescent **MUST** be used on fire doors – please enquire for latest testing details.

Description	Finish	Re-order Code	Product Code	Box Qty
 <p>Pivot set with adjustable top centre, bottom strap and door frame fixing bracket (Ø12mm)</p>	Satin Stainless Steel 	11215	PS.100	10

TS.8000 Transom Closers



Product Overview

- ✓ Available in fixed sizes - EN 2,3 & 4
- ✓ Universal Application
- ✓ Cam and Roller mechanism
- ✓ Fits in the transom of a door
- ✓ Easy to read instructions, saving over 12 minutes reading time

Specification Overview



Universal Application



Max Door Weight
8002-70kg
8003-105kg
8004-150kg



Opening Angle
130°



Max Door Width
8002-850mm
8003-950mm
8004-1100mm



Adjustable Closing Speed



Power Size
8002 - 2
8003 - 3
8004 - 4

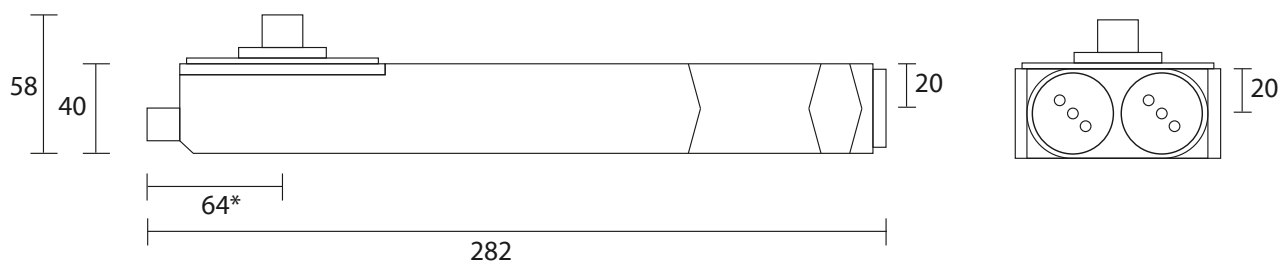


Adjustable Latch Speed



Guarantee

All dimensions shown are in mm.



For fitting instructions see website - www.rutlanduk.co.uk

Options

- Cover plate
- Hold Open or Non Hold Open body

Other Products Available

- End, side or short side load arms
- Suitable for wood or metal doors




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F.Hinds, Frenchgate Centre,
Doncaster, England

TS.8000 Components


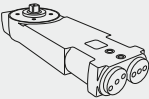
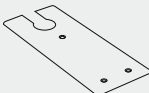


TS8000 Series - Hold Open

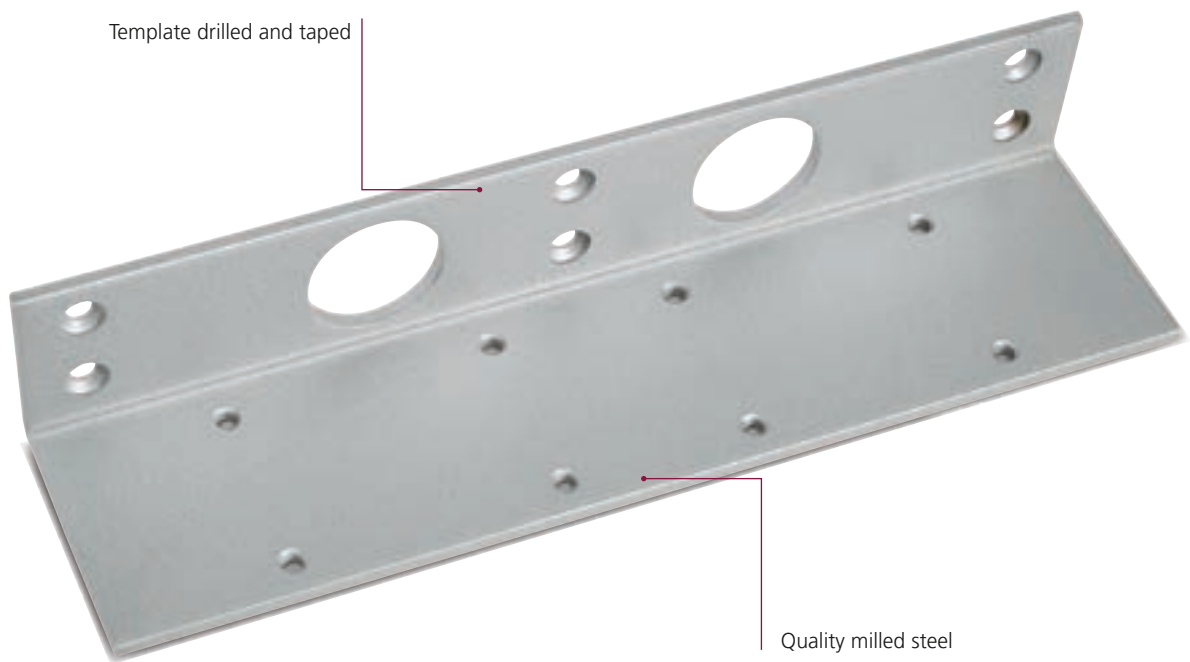
Description	EN Size	Load Kit	Re-order Code	Product Code	Box Qty	
	TS.8002 Concealed transom closer	2	with side load set	11478	TS.8002HO.SLA	4
	TS.8003 Concealed transom closer	3	with side load set	11486	TS.8003HO.SLA	4
	TS.8004 Concealed transom closer	4	with side load set	11494	TS.8004HO.SLA	4

TS8000 Series - Non-Hold Open

	TS.8002 Concealed transom closer	2	with side load set	11482	TS.8002NHO.SLA	4
	TS.8003 Concealed transom closer	3	with side load set	11490	TS.8003NHO.SLA	4
	TS.8004 Concealed transom closer	4	with side load set	11498	TS.8004NHO.SLA	4

	Side load arm set	-	-	11265	SLA.80	50
	TS.8000 Dummy body only C/W brackets	-	-	11056	DT.80	4
	TS.8002 Body only - Light C/W brackets Hold Open	2	-	11476	TS8002.HO	4
	TS.8002 Body only - Light C/W brackets Non Hold Open	2	-	11480	TS8002.NHO	4
	TS.8003 Body only - Medium C/W brackets Hold Open	3	-	11484	TS8003.HO	4
	TS.8003 Body only - Medium C/W brackets Non Hold Open	3	-	11488	TS8003.NHO	4
	TS.8004 Body only - Heavy C/W brackets Hold Open	4	-	11492	TS8004.HO	4
	TS.8004 Body only - Heavy C/W brackets Non Hold Open	4	-	11496	TS8004.NHO	4
	TS.8000 Series fixing pack (bottom bearing only)			11130	FIX.80.SE	100
	Cover for wood frames Satin Stainless finish	-	-	11028	CP.80.SS	25

Accessories

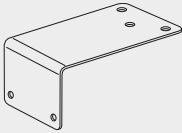
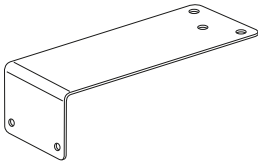
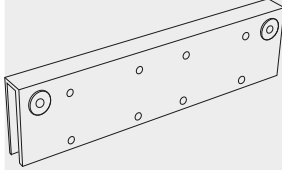
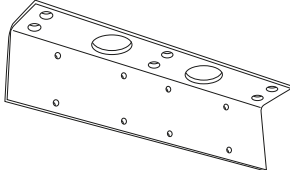
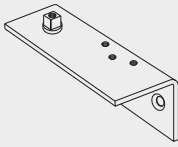
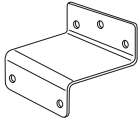
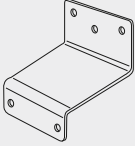
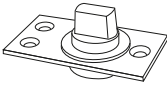


Product Overview

Every door closer at some point needs a slightly different bracket to help with the fitting or application on hand. At Rutland this is recognised, considered, designed, manufactured and stocked for your convenience.

In some situations, an emergency release or a Floor mount spindle bearing maybe required. The emergency releases are available in two models. See opposite page for details.

However there may be an alternative bracket required for your situation and the staff at Rutland will be only too pleased to assist with your requirements.

Description	Finish	Re-order Code	Product Code	Box Qty
 <p>Extended parallel arm bracket (includes fixings)</p>	Silver	11195	PAB.2.SE	50
	Black	11189	PAB.2.BK	50
	Gold	11190	PAB.2.GE	50
	Satin Nickel	11196	PAB.2.SNP	50
	Polished Nickel	11191	PAB.2.PNP	50
	Electro Brass	11193	PAB.2.PVD	50
	Colour Coated	11194	PAB.2.RAL	50
 <p>Extra long parallel arm bracket (includes fixings)</p>	Silver	11982	PAB.18.SE	50
	Black	11978	PAB.18.BK	50
	Gold	11979	PAB.18.GE	50
	Satin Nickel	11983	PAB.18.SNP	50
	Polished Nickel	11980	PAB.18.PNP	50
	Electro Brass	11981	PAB.18.PVD	50
	Colour Coated		PAB.18.RAL	50
 <p>Glass door shoe to suit glass (10mm) - Pull side fitting</p>	Silver	11141	GDS.95.SE	10
 <p>Soffit mounting bracket</p>	Silver	11268	SMB.95.SE	100
 <p>Pinion bracket</p>	Silver	11214	PIN.SE	50
 <p>Z Bracket</p>	Silver	11205	PAB.5.SE	50
	Satin Stainless Steel	11206	PAB.5.SSS	50
 <p>Angled Z Bracket</p>	Silver	11209	PAB.6.SE	50
 <p>PS260 Floor Mount spindle bearing</p>	Silver	11226	PS.260	10

PSU.1224.9 Power Supply Unit



Product Overview

This product is a four way regulated Power supply unit to connect electromagnetic door closers to the fire alarm. The control module offers the options to switch in a fail-safe or fail-secure manner using either volt-free or a 24VDC trigger.

- ✓ Mild steel construction
- ✓ White powder coated
- ✓ Switch-mode technology
- ✓ Four way regulated power supply
- ✓ Cable retention points
- ✓ LED indicators for O/P, fault & mains

Specification Overview

- Output: 24-26VDC
- Amp: 2 amp max
- Dimension: 200x200x65 (mm)

Technical Information

- Output can be fail-safe or fail-secure
- Full electronic protection
- Short circuit protection
- 24-26VDC regulated output
- Fused output
- Full current to load

Description	Finish	Re-order Code	Product Code	Box Qty
2 amp 4 way 24VDC power supply unit	White Powder Coated	12160	PSU.1224.9	1



Colour / Finish



Silver

UK	US	BHMA
SE	2G	603



Satin Nickel Plate

UK	US	BHMA
SNP	US15	646



Polished Nickel Plate

UK	US	BHMA
PNP	US14	645



Electro Brass

UK	US	BHMA
PVD	SP4	706



Satin Stainless Steel

UK	US	BHMA
SSS	US32D	630



Polished Stainless

UK	US	BHMA
PSS	US32	629



Black

UK	US	BHMA
BK	SPBLK	693



Antique Copper

UK	US	BHMA
AC	-	657



Antique Pewter

UK	US	BHMA
AP	-	665



Antique Brass

UK	US	BHMA
AB	US7	636



Gold

UK	US	BHMA
GE	GLD	649



Satin Brass

UK	US	BHMA
SB	US4	633



Light Bronze

UK	US	BHMA
LB	US13	656



Medium Bronze

UK	US	BHMA
MB	-	694



Dark Bronze

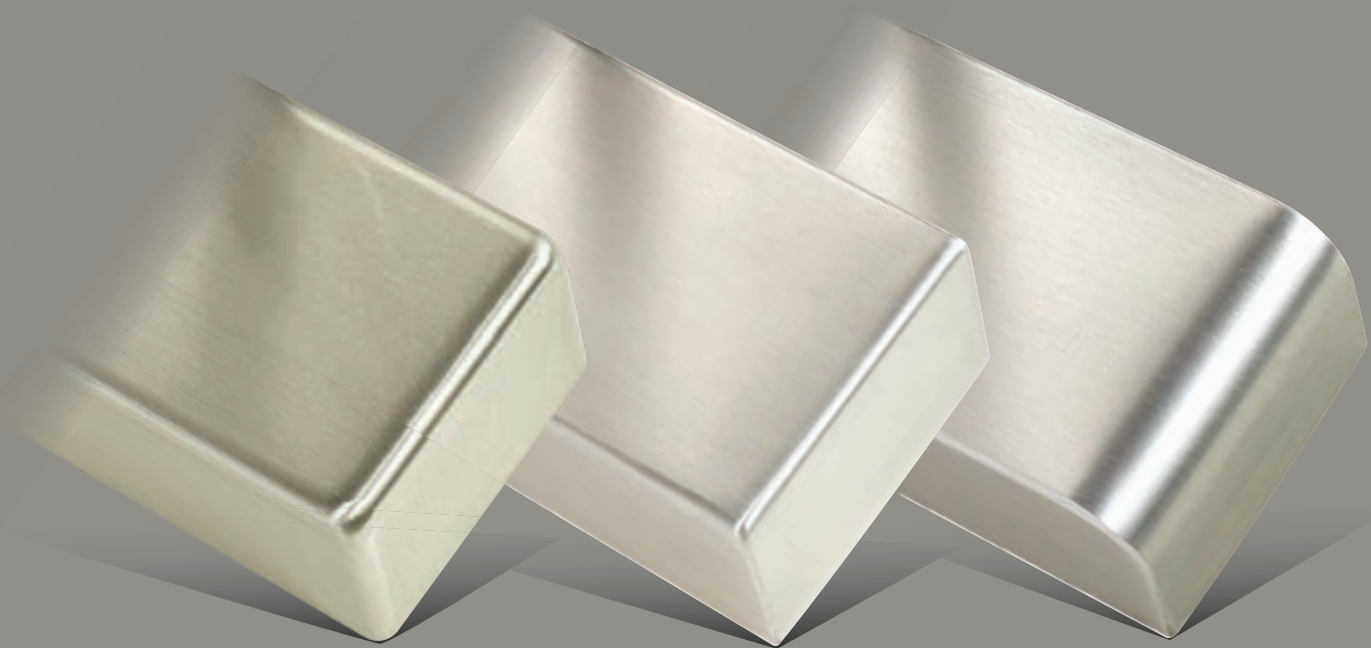
UK	US	BHMA
DB	US11	617



Weathered Bronze

UK	US	BHMA
WB	US26	625

Design Style



Soft Line Cover

Square Edged Cover

Semi Radius Cover

Soft Line; Square Edge or Semi Radius covers

Rutland understands the need of variety. Our product range gives you a wide choice of options, different styles, shapes, and colours providing the changing image to the architecture of any building.

For the latest trends, designs and styles please visit our website – www.rutlanduk.co.uk



Fixing Positions

Figure 1: Standard Fixing

A standard fit where the closer is fitted to the pull side of the door

Figure 61: Transom Fixing

A transom mounting where the closer is fitted to the door frame

Figure 66: Parallel arm Fixing

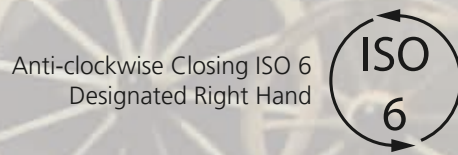
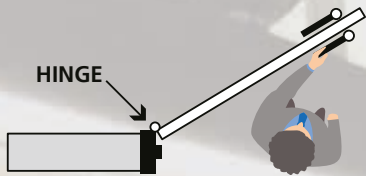
Where the closer is fitted to the push side with a parallel arm bracket

Handing

Some closers are handed left or right. This is worked out by looking at the door when the hinges are on the right; if it opens away from you it is right handed and if it opens towards you it is left handed. The EN recognized term is ISO 5 for left handed and ISO 6 for right handed.



LEFT HANDED



RIGHT HANDED





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Up One Bar, England

Typical Standard Arm Installation Details

Figure 1 - Standard

For fixing pull side of the door.

Fixings and fixing instructions are supplied in each pack.

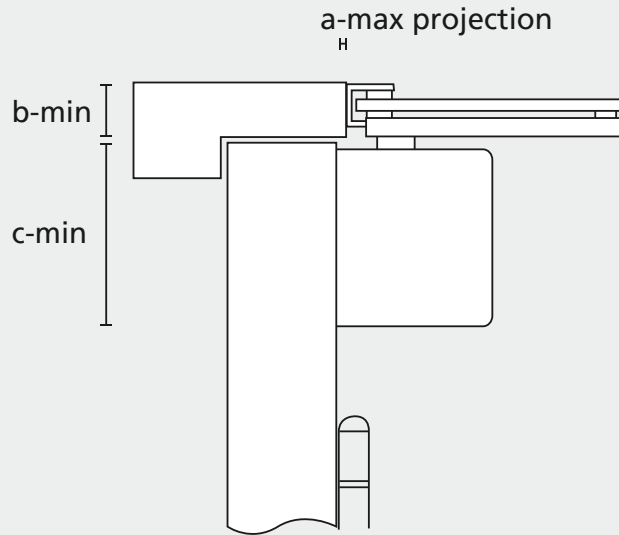
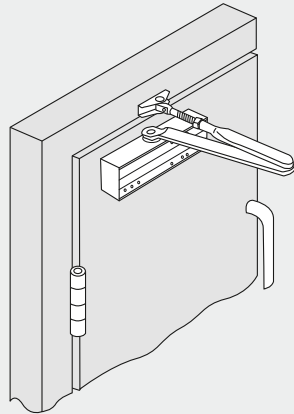


Figure 66

For fixing push side of the door.

Fixings and fixing instructions are supplied in each pack.

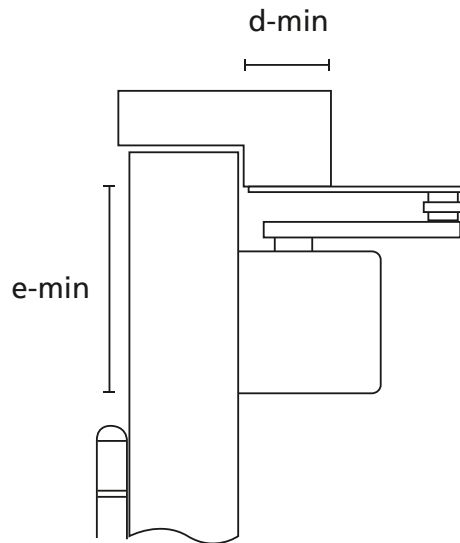
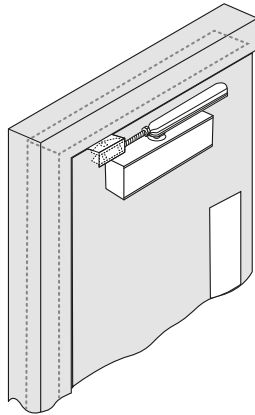
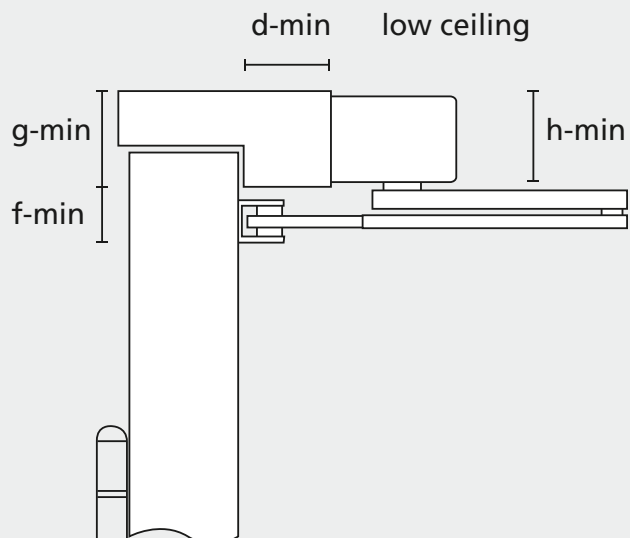
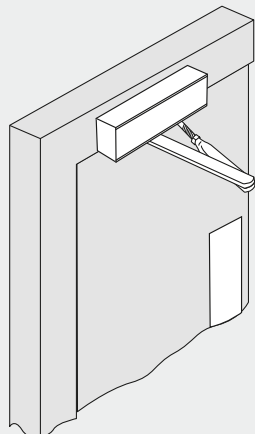


Figure 61

For fixing to transom on push side of the door.

Fixings and fixing instructions are supplied in each pack.



ADA Standards for Accessible Design

The Americans with Disabilities Act (ADA) became law in 1990. The ADA is a civil rights law that prohibits discrimination against individuals with disabilities in all areas of public life, including employment, education, transportation, and all private places that are open to the general public. The purpose of the law is to make sure that people with disabilities have the same rights and opportunities as everyone else.

ADA compliant products are designed to make their use easier, safer, and more comfortable for people with disabilities or limited mobility.

Door Closers and the ADA standards

Doors present some of the most common accessibility issues. They may be too “heavy” and require too much force to open. Heavy doors are especially difficult for people with disabilities and seniors with limited upper body strength and/or skills in using their hands. Some people may find that the doors close too quickly for them to pass through easily. Luckily, these common problems can often be resolved by simply adjusting door closers. Interior doors should require no more than 5 lbs. of force to open. This does not apply to the initial force needed to overcome the weight of a motionless door. Open the door gradually; do not “jerk” it open.

Opening force for exterior doors is not specified in the ADA Standards, but exterior doors that need to be accessible should have the minimum force possible. Typical maximum opening force for exterior doors ranges from 8.5 to 10 lbs. Any door so heavy that it prevents entrance by people with disabilities may deny them access to goods and services, which is covered under the ADA. Also, state or local government codes may have specific accessibility requirements for exterior doors.

The closing or swing speed must not be faster than five seconds. The closing or swing distance is from the open position at 90° to 12° from the latch. Latching speed isn’t specified, but should be fast enough to latch the door but not slam it.

*Meeting ADA is not a requirement for private residences. New residential buildings and remodels can incorporate the ideas in the ADA Standards as guidelines to improve overall functionality. Individual products must be installed according to ADA Standards to maintain compliance.

For more information on the ADA Standards:
http://www.ada.gov/2010ADAstandards_index.htm

BS8300:2009+A1:2010 standards

It’s the standard that covers the design of buildings and the approach to meeting the needs of people with disabilities. It’s widely used as a reference document for guidance on issues not specifically covered in building regulations.

Published in November 2001, it covers:

- Car parking, setting down and approaching buildings
- Entrances and horizontal circulation
- Vertical circulation
- Use of the facilities and spaces within buildings
- Individual rooms
- Building types

Based on ergonomic research, BS 8300 includes reach ranges, space allowance, management issues and colours, contrast, lighting and acoustics.

With regard to door closers, BS 8300 states: ‘the opening force, when measured at the leading edge of the door, should be not more than 30 N from 0° (the door in the closed position) to 30° open, and not more than 22.5 N from 30° to 60° of the opening cycle.’

Contact us to discuss your obligations and requirements with regard to BS 8300.



Rutland Service



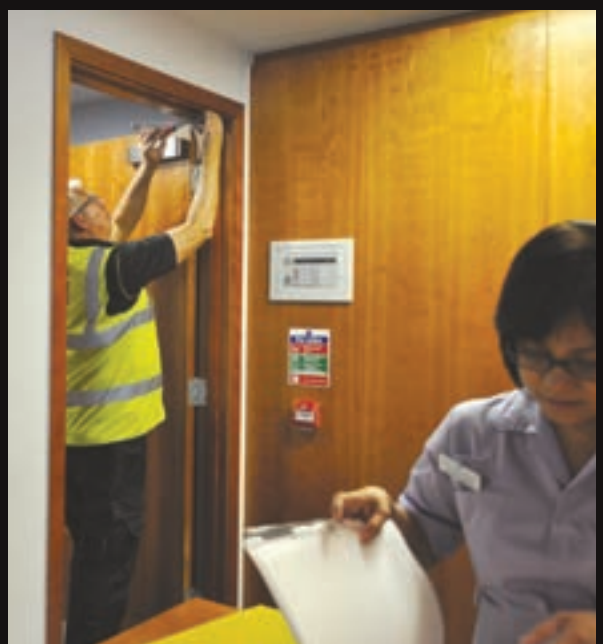
At Rutland we understand the importance of maintaining safe and secure access in and around your premises.

By choosing Rutland service, you are supported by our nationwide team of local, accredited and fully trained engineers, available 24 hours a day, 7 days a week. We are committed to providing first time fixes to ensure downtime and inconvenience is kept to a minimum.

Regular door maintenance helps prevent accidents, reduces breakdowns and prolongs the life of your door operator. There are also legal implications regarding the servicing of all door types which must be adhered to, to ensure the safety of users at all times.

All enquiries are routed through our professional contract centre providing you with a single point of contact and fast response times.

To download information on our service packages please contact our offices so we can help you get the right care for your environment.



Contact your local distributor



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