

Product Brochure





Enhancing **compliance** and **performance** at every door

**Because we believe that every
building should protect the life within it.**

Rutland develops, produces and supplies first-rate fire and security door hardware and components. But we also advise and inform on best practice, and take part in conversations in the industry on how to make buildings safer, because life safety is important for all of us.

Over the years, we've gained considerable industry experience and knowledge - expertise that we will readily share with you, whether you are a door manufacturer, a reseller or a specifier. It's our job to help you select the right fire door hardware for specific situations.

We proudly launched our Frontier Collection after years of testing. The newly launched Frontier range provides a unified suite of dual-compliant door hardware that solves the longstanding issue of mismatched design and colour. Now the closer and handle comes from the same stable, where the polishing and depth of tone is identical.

It's our mission to provide you with exceptional support, whether it's advice on ensuring compliance, or guidance on adjusting a door closer. **This is the Rutland way.**

If you can't find what you're looking for in our catalogue, do get in touch, we'd be happy to hear from you.



SPÄRKA®
FRONTIER™



What our customers say about Rutland



We believe in Rutland, have looked at various manufacturers and feel your hearts are in the right place, to collaborate and bring the vision.



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.



It's your aftersales support and technical help that really sets you apart and that's why we've used you more this year. It's easy to pick the phone up and talk to you.



The reliability and technical knowledge of the staff and the quality of the product are 10 out of 10. The products are always being updated and kept in line with current standards.



For a layman like me, this was very easy to fit. Very good instructions with template. I got slightly stuck, so called Rutland and their tech team were very helpful.



We're happy to have such a high-spec, aesthetically appealing and technologically advantageous closer as our main closer.

↑
Our dedicated
Customer Happiness Team



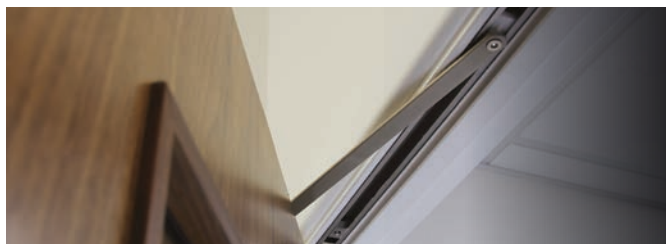
Scissor Arm Door Closers

Page 6



Slide Arm Door Closers

Page 30



Concealed Door Closers

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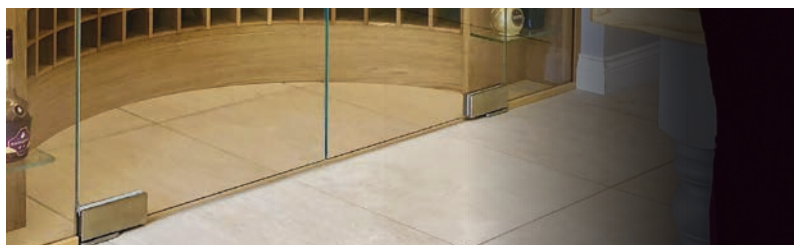
Electromagnetic Door Closers

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Floor Spring Door Closers

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Glass Patch Door Closers

Page 74

Fire door Accessories

Page 80-95



FRONTIER™ Collection Fire door Hardware

Page 96



SPÄRKA® Hardware

Page 109



Scissor Arm Door Closers

Surface-mounted door closers
with a reliable rack and pinion
closing mechanism.

Available in a variety of finishes, with
delayed action and back check options.



TS.3204 PAGE 8

- Fixed power size EN3/4, adjustable by template
- CE, UKCA marked
- Available with backcheck
- Easy to use template fitting instructions



TS.4204 PAGE 12

- Variable power adjustment EN2-4
- CE, UKCA marked
- Back check and delayed action features are as standard on this model
- Easy to use template fitting instructions



TS.5204 PAGE 16

- Variable Power adjustment EN2-4
- CE, UKCA marked and UL listed
- Assists BS8300 (Suitable for Doc M Contracts)
- Available with delayed action and back check
- Easy to use template fitting instructions



TS.9205 PAGE 20

- Variable power size EN 2-5
- CE, UKCA marked and UL listed
- Assists BS8300 (Suitable for Doc M Contracts)
- Available with delayed action and back check
- Easy to use template fitting instructions



TS.9206 PAGE 26

- Variable power size EN 3-6, adjustable by spring
- CE, UKCA marked and UL listed
- Available with back check or delayed closing
- Renown for high efficiency, immense torque and ultimate control
- Easy to use template fitting instructions



SCISSOR ARM DOOR CLOSERS

TS.3204



SCAN FOR FULL INFO



TS.3204

TS.3204 is a Certifire approved door closer, ideal for lower use doors where assisting BS8300 isn't a requirement. This popular door closer comes with power options 3 or 4 adjustable by template.

In fact, if you check the website our product overview is Rutland TS.3204 Certifire approved Door Closer is ideal for mid-range contracts, it can be fitted to almost all common door types.

Successfully third party tested to BS EN1154 & CE marked up to power size 4.



FD30 to FD120
Timber Doors



Opening Angle
180°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight

Key Features:

- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass, White for next day delivery
- Easy to read instructions, saving over 12 minutes of fitting time
- Corrosion Grade 3 - Recommended for internal use



Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel



WH
White



PVD
Polished Brass



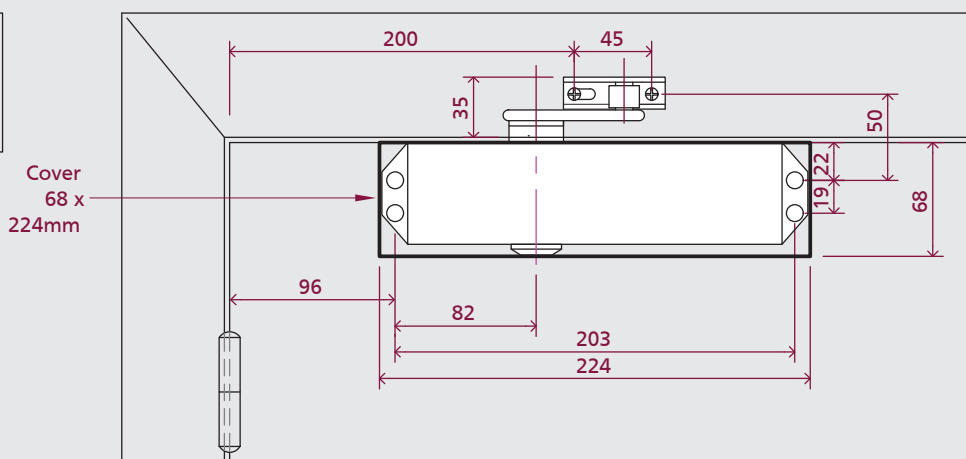
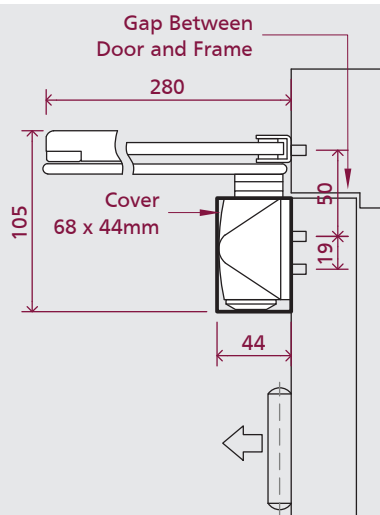
Approved Product CF-6018



Product Features

TS.3204





Delayed Action	-
Back Check	TS.3204BC
Opening Angle - Pull-side	180° (Fig 1)
Fig.1 Pull Side Door Width	300-1100mm
Fig.66 Push Side Door Width	470-950mm
Max Door Weight	<80kg
Power Adjustment	By Template
Hold Open (not for fire doors)	o
Dimensions (including cover)	W250 x H66 x D43mm
Certification Compliance	
Certifire (Not applicable for BC versions)	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
UL10C	-
UL228	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No o Option	




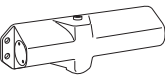
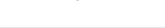

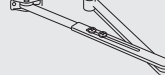
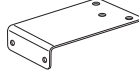
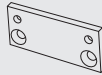
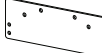
All dimensions shown are in mm • For fitting instructions see website

SCISSOR ARM DOOR CLOSERS

TS.3204 Components

TS.3204		EN Size	Finish	Re-order Code	Product Code	Box Qty
	TS.3204 Standard unit (closer, snap fix armset and PA bracket)	3/4	Silver	11364	TS.3204.FB.SE	10
	TS3204 Combined unit (closer, flat bar armset, cover and PA bracket)	3/4	Silver	11371	TS.3204.SLFB.SESE	8
		3/4	Satin Nickel	11374	TS.3204.SLFB.SNPSNP	8
		3/4	Polished Nickel	11367	TS.3204.SLFB.PNPPNP	8
		3/4	Electro Brass	11369	TS.3204.SLFB.PVDPVD	8
		3/4	Satin Brass	11953	TS.3204.SLFB.SBSB	8
		3/4	White	11329	TS.3204.SLFB.WHWH	8
3/4	Colour Coated	11864	TS.3204.SLFB.RAL*RAL*	8		
WITH BACK CHECK						
	TS.3204 Standard unit closer, flat bar armset, cover, PA bracket with BACK CHECK	3/4	Silver	11394	TS.3204BC.FB.SE	10
	TS.3204 Combined unit closer, flat bar armset, cover, PA bracket with BACK CHECK	3/4	Silver	11397	TS.3204BC.SLFB.SESE	8
		3/4	Satin Nickel	11399	TS.3204BC.SLFB.SNPSNP	8
		3/4	Polished Nickel	11395	TS.3204BC.SLFB.PNPPNP	8
		3/4	Electro Brass	11396	TS.3204BC.SLFB.PVDPVD	8
		3/4	Satin Brass	11954	TS.3204BC.SLFB.SBSB	8



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
		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
		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
	-	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
Fixing pack	-	Silver	11961	FIX.34.SE	10

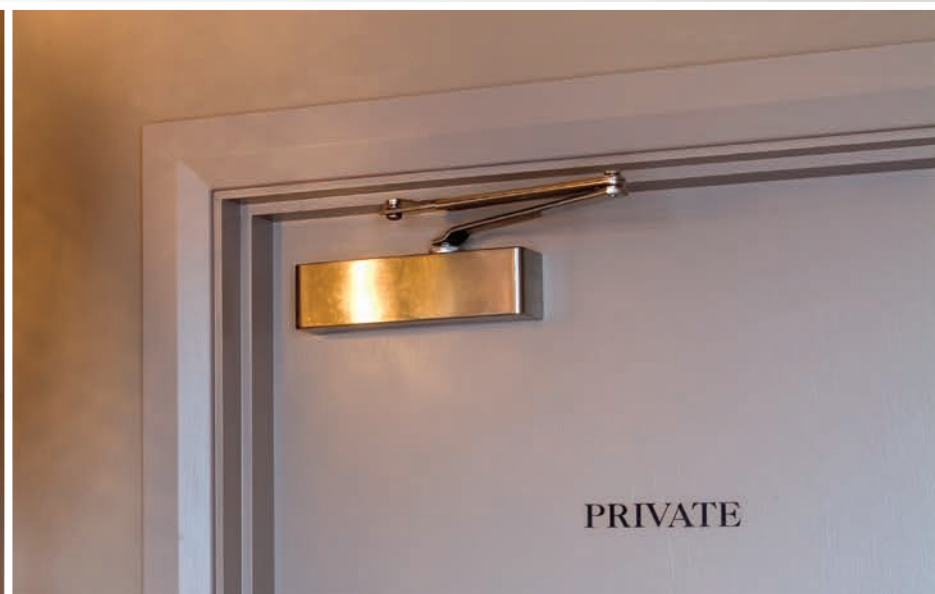


SCISSOR ARM DOOR CLOSERS

TS.4204



SCAN FOR FULL INFO





CLOSE
LATCH

10 YEARS

1100mm



- Easy to read instructions, saving over 12 minutes of fitting time
- Delayed action and back check as standard
- Corrosion Grade 3 – Recommended for internal use



See page 148 for more detail



PNP
Polished Nickel



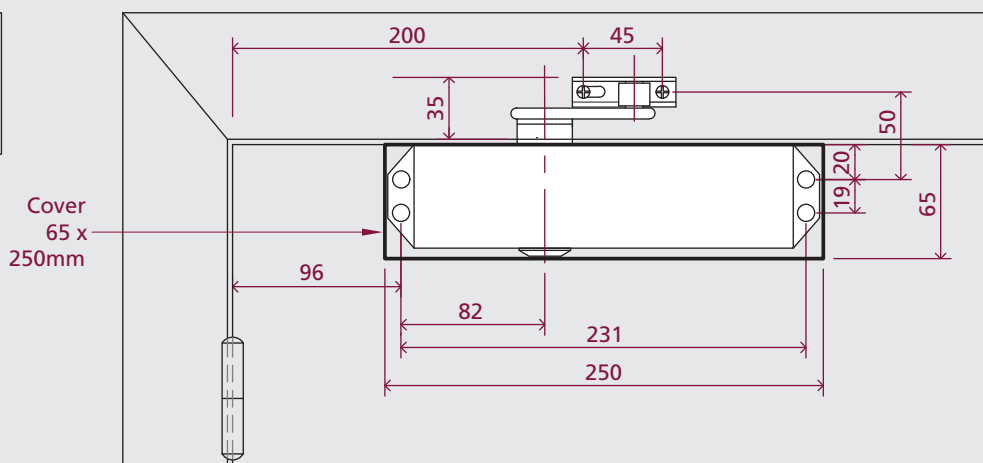
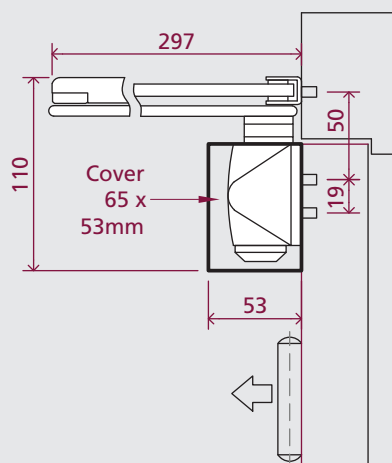
Approved Product CF 10138



1720



1812



All dimensions shown are in mm • **For fitting instructions see website**



Townlands Hospital,
Henley-on-Thames, England

TS.4204 Components

TS.4204	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 	12495	TS.4204DABC.SRFB.SESE	8
		Polished Nickel 	12688	TS.4204DABC.SRFB.PNPPNP	8
	2-4	Satin Nickel 	12496	TS.4204DABC.SRFB.SNPSNP	8



SCISSOR ARM DOOR CLOSERS

TS.5204



SCAN FOR FULL INFO



TS.5204

The TS.5204 is an easily adjustable and economical door closer that is power adjustable by spring, with back check as standard, and optional delayed action.

Key Features:

- Assists BS8300 meaning easy use for the less able.
- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass Antique Brass and Black for next day delivery
- Universal application meaning it can be fitted in Standard, Parallel arm or Transom fitting position



FD30 to FD120
Timber Doors



Opening Angle
180°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Product Features

TS.5204

Delayed Action	TS.5204DABC
Back Check	TS.5204BC
Opening Angle - Pull-side	180° (Fig 1)
Opening Angle - Fig 66 Parallel arm push-side only	105° (Fig 1)
Fig.1 Pull Side Door Width	360-1100mm
Fig.66 Push Side Door Width	485-985mm
Fig. 1 BS8300 Door Width	920mm
Fig.66 BS8300 Door Width	887mm
Max Door Weight	<80kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions (including cover)	W258 x H68 x D45mm

Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel



PVD
Polished Brass



AB
Antique Brass



SB
Satin Brass



BK
Black



Approved Product CF 6018



1720

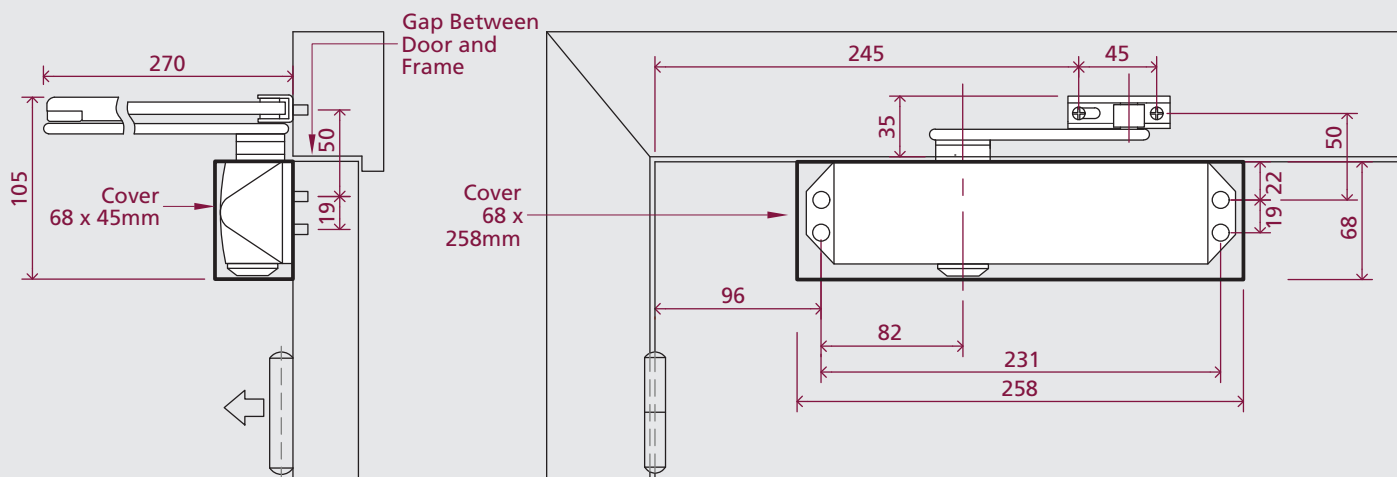


1812





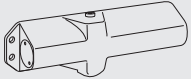
Certification Compliance

Certifire	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
BS EN 1634-3	✓
BS EN 10140-2	✓
UL10C	-
UL228	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No o Option	



All dimensions shown are in mm • For fitting instructions see website

TS.5204 Components

TS.5204	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	8
 <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	8
	2-4	Polished Nickel	11273	TS.5204DABC.SRFB.PNPPNP	8
	2-4	Polished Brass	11274	TS.5204DABC.SRFB.PVDPVD	8
	2-4	Black	12526	TS.5204DABC.SRFB.RAL9011	8
	2-4	Colour Coated	11253	TS.5204DABC.SRFB.RAL*RAL*	8
 <p>TS.5204 Mechanism only with Delayed Action and Back Check</p>	2-4	Silver	11822	TS.5204DABC	10

Fitting Templates and Jigs



Paper fitting instructions are ideal for fitting a single door closer, however for speed and accuracy Rutland offer bespoke steel jigs for their door closers that can be ordered with the door closer. These jigs increase the speed in fitting more than one closer with precise accuracy every time due to correct positioning on the door and frame.


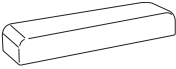
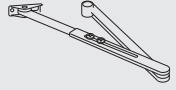
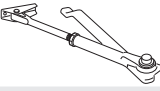
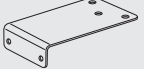
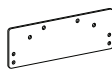
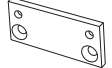
Find out more today about our bespoke steel jigs by contacting the sales team on sales@rutlanduk.co.uk.



SCAN FOR FULL INFO



Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 	2-4	Silver	11406	TS.5204BC.FB.SE	10
		Silver	11409	TS.5204BC.SRFB.SESE	8
TS.5204 Combined unit (closer, flat bar armset, cover, PA bracket and Back Check)	2-4	Satin Nickel	11410	TS.5204BC.SRFB.SNPSNP	8
	2-4	Polished Nickel	11407	TS.5204BC.SRFB.PNPPNP	8
	2-4	Polished Brass	11408	TS.5204BC.SRFB.PVDPVD	8
	2-4	Satin Brass	12701	TS.5205BC.SRFB.SBSB	8
	2-4	Antique Brass	12454	TS.5205BC.SRFB.ABAB	8
	2-4	Black	12525	TS.5204BC.SRFB.RAL9011	8
	2-4	Colour Coated	11867	TS.5204BC.SRFB.RAL*RAL*	8

 	2-4	Silver	11415	TS.5204BC.SE	10
		Silver	11296	SR.54.SE	25
TS.5204 Semi Radius Covers	-	Satin Nickel	11297	SR.54.SNP	25
		Polished Nickel	11294	SR.54.PNP	25
		Polished Brass	11295	SR.54.PVD	25
		Black	12018	SR.54.RAL9011	25
 	-	Silver	11091	FBA.1.SE	25
		Satin Nickel	11092	FBA.1.SNP	25
		Polished Nickel	11087	FBA.1.PNP	25
		Polished Brass	11089	FBA.1.PVD	25
 	-	Black	11085	FBA.1.BK	25
		Silver	11158	HOPA.2.SE	25
		Black	11157	HOPA.2.BK	25
		Silver	11186	PAB.I.SE	50
TS.5204 Parallel arm bracket (Includes fixings)	-	Satin Nickel	11187	PAB.I.SNP	50
		Polished Nickel	11182	PAB.I.PNP	50
		Polished Brass	11184	PAB.I.PVD	50
		Silver	11041	DP.54.SE	10
5000 Series fixing packs	-	Silver	11962	FIX.50.SE	100
	-	Silver	11269	SP.1.SE	50
		Satin Nickel	11270	SP.1.SNP	50



SCISSOR ARM DOOR CLOSERS

TS.9205



SCAN FOR FULL INFO



TS.9205

TS.9205 is a popular and highly efficient door closer with both optional back check and delayed action, and assisting BS8300.

Key Features:

- Power Adjustable EN2-5.
- Standard finishes - Corrosion resistance - Grade 3: High Corrosion resistance
- MARINE 316 - Grade 5: Exceptionally high corrosion resistance
- Slimline body & cover with only 40mm projection.
- Heavy duty closer - tested to four times the industry standard



FD30 to FD120
Timber Doors



Opening Angle
180°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Finishes

See page 148 for more detail

SE Silver	SNP Satin Nickel	PNP Polished Nickel	PVD Polished Brass	SSS Satin Stainless
PSS Polished Stainless	BK Black	AB Antique Brass	AC Antique Copper	SB Satin Brass
LB Light Bronze	MB Medium Bronze	DB Dark Bronze	WB Weathered Bronze	M Marine 316

Product Features

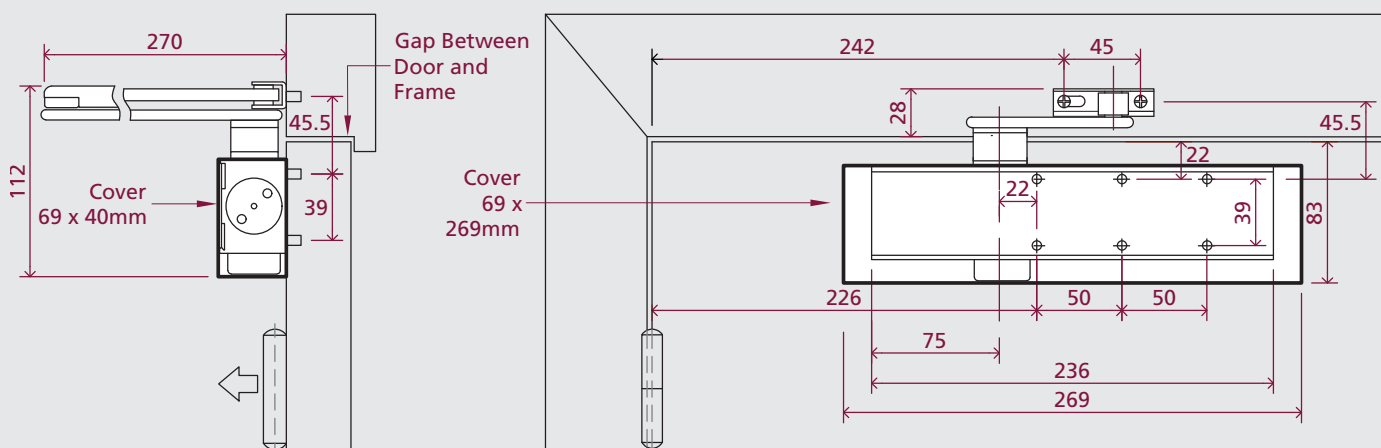
TS.9205

Delayed Action	TS.9205DABC
Back Check	TS.9205BC
Opening Angle - Pull-side	180° (Fig 1)
Fig.1 Pull Side Door Width	390-1250mm
Fig.66 Push Side Door Width	390-1100mm
Fig.1 BS8300 Min Door Width	835mm
Fig.66 BS8300 Min Door Width	728mm
Max Door Weight	<110kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions (including cover)	W269 x H69 x D40mm

Certification Compliance

Certifire	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
BS EN 1670	Grade 5
UL10C	-
UL228	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓



Key: ✓ Yes - No o Option



All dimensions shown are in mm • For fitting instructions see website

SCISSOR ARM DOOR CLOSERS



TS.9205 Components


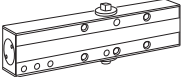
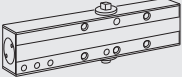

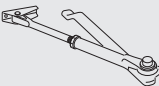
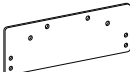
TS.9205	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.9205 Slimline architectural door closer standard unit with screw type or flat bar armset, trimplate body, cap and PA bracket. NO COVER</p>	2-5	Silver	11598	TS.9205.FB.SE	10
	2-5	Silver	11626	TS.9205.SRFB.SESE	8
 <p>TS.9205 Slimline architectural door closer combined unit with flat bar armset, semi-radius cover and PA bracket.</p>	2-5	Satin Nickel	11629	TS.9205.SRFB.SNPSNP	8
	2-5	Polished Nickel	11617	TS.9205.SRFB.PNPPNP	8
	2-5	Polished 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	Satin Brass	11628	TS.9205.SRFB.SBSB	8
	2-5	Dark Bronze	11428	TS.9205.SRFB.DBDB	8
	2-5	Black	11884	TS.9205.SRFB.RAL9011BK	8
	2-5	Colour Coated	11883	TS.9205.SRFB.RALRAL	8

WITH BACK CHECK

 <p>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</p>	2-5	Silver	11664	TS.9205BC.FB.SE	10
	2-5	Silver	11692	TS.9205BC.SRFB.SESE	8
 <p>TS.9205BC Slimline architectural door closer combined unit with back check, flat bar armset, semi-radius cover and PA bracket.</p>	2-5	Satin Nickel	11695	TS.9205BC.SRFB.SNPSNP	8
	2-5	Polished Nickel	11683	TS.9205BC.SRFB.PNPPNP	8
	2-5	Polished 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	Satin Brass	11628	TS.9205BC.SRFB.SBSB	8
	2-5	Dark Bronze	11428	TS.9205BC.SRFB.DBDB	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

 <p>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</p>	2-5	Silver	11730	TS.9205DABC.FB.SE	10
	2-5	Silver	11758	TS.9205DABC.SRFB.SESE	8
 <p>TS.9205DABC Slimline architectural door closer combined unit with back check, delayed action, flat bar armset, semi-radius cover and PA bracket.</p>	2-5	Satin Nickel	11761	TS.9205DABC.SRFB.SNPSNP	8
	2-5	Polished Nickel	11749	TS.9205DABC.SRFB.PNPPNP	8
	2-5	Polished 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 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	Colour Coated	11916	TS.9205DABC.SRFB.RAL*RAL*	8
	2-5	Oil Rubbed Bronze	12151	TS.9205DABC.SRFB.ORBORB	8

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 TS.9205 Mechanism including delayed action and back check (variable power)	2-5	Silver	11733	TS.9205DABC	10
 TS.9205 Mechanism including back check (variable power)	2-5	Silver	11667	TS.9205BC	10
 TS.9205 Mechanism only (variable power)	2-5	Silver	11601	TS.9205	10
 TS.9000 Series semi radius cover	-	Silver	11317	SR.90.SE	25
		Satin Nickel	11318	SR.90.SNP	25
		Polished Nickel	11312	SR.90.PNP	25
		Polished 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 Copper	12134	SR.90.AC	25
 TS.9205 Hold open armset (includes fixings) Adjustable strength 2/4	-	Silver	11158	HOPA.2.SE	25
		Black	11157	HOPA.2.BK	25
 TS.9205 Drop plate (Includes fixing kit)	-	Silver	11050	DP.95.SE	10
		Satin Nickel	11051	DP.95.SNP	10
		Polished Nickel	11048	DP.95.PNP	10
		Polished Brass	11049	DP.95.PVD	10

Fitting Templates and Jigs

Paper fitting instructions are ideal for fitting a single door closer, however for speed and accuracy Rutland offer bespoke steel jigs for their door closers that can be ordered with the door closer. These jigs increase the speed in fitting more than one closer with precise accuracy every time due to correct positioning on the door and frame.

Find out more today about our bespoke steel jigs by contacting the sales team on sales@rutlanduk.co.uk.



SCAN FOR FULL INFO

TS.11205 PUSH SIDE
JIG.11205.PS.DP



LH

Marine 316 finish



Greater
durability

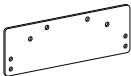
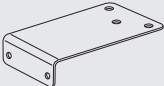
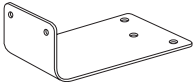
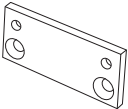
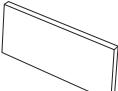
Marine 316

A true Stainless Steel finish:

- ✓ The TS.9205 MARINE 316 door closer has been designed for external use, and tested to BS EN 1670 to grade 5: Exceptionally high corrosion resistance. The BS EN 1670 standard states; Service outdoors in exceptionally severe conditions where long-term protection of the product is required
- ✓ BS EN 1670 Corrosion resistance – Grade 5: Exceptionally high corrosion resistance
- ✓ 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
 TS.9205 Drop plate (Includes fixing kit)	-	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
 TS.9000 Series parallel arm bracket (Includes fixings)	-	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
 TS.9000 Series architrave bracket (Includes fixings)	-	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
		Polished Stainless	11003	AB.1.PSS	50
TS.9000 Series fixings pack	-	Silver	11132	FIX.90.SE	100
 Shoe plate	-	Silver	11269	SP.1.SE	50
		Satin Nickel	11270	SPA.1.SNP	50
Trim Plate	-	Silver	11342	TP.95.SE	100
 Mounting Plate	-	Silver	12032	MP.95.SE	50



SCISSOR ARM DOOR CLOSERS

TS.9206



SCAN FOR FULL INFO



TS.9206

TS.9206 is ideal for heavy usage and is power adjustable by spring size 3-6. This closer has a unique slimline appearance and comes with back check and delayed action as standard.

Key Features:

- Suitable for use on doors up to 1400mm wide
- Standard finishes - Corrosion resistance - Grade 3: High Corrosion resistance
- MARINE 316 - Grade 5: Exceptionally high corrosion resistance
- 35 Year Guarantee
- Available in 4 different finishes for next day delivery



FD30 to FD120
Timber Doors



Opening Angle
180°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel

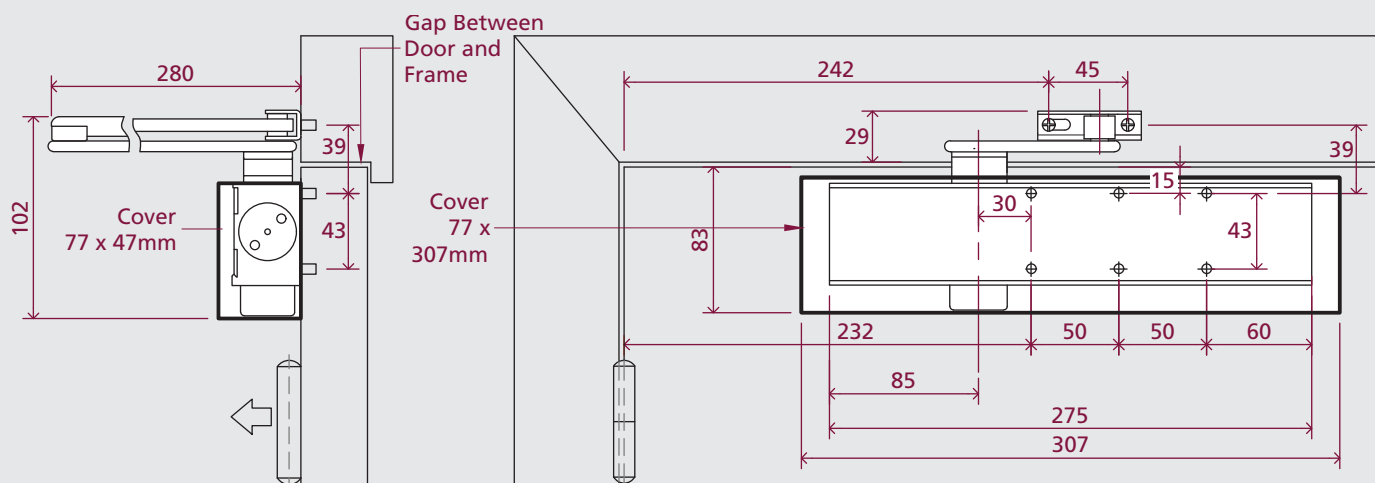


M
Marine 316

Product Features



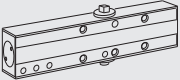
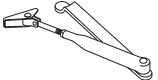
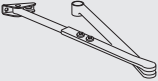
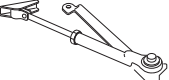

TS.9206

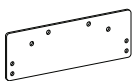
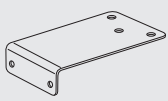
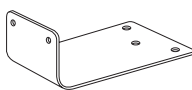
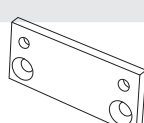
Delayed Action	✓
Back Check	✓
Opening Angle - Pull-side	180° (Fig 1)
Fig.1 Pull Side Door Width	415-1400mm
Fig.66 Push Side Door Width	490-1250mm
Fig.1 BS8300 Min Door Width	835mm
Fig.66 BS8300 Min Door Width	728mm
Max Door Weight	<120kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions (including cover)	W307 x H77 x D47mm
Certification Compliance	
Certifire	-
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
BS EN 1670	Grade 5
UL10C	-
UL228	-
ANSI BHMA	-
IFCC	✓
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No o Option	



All dimensions shown are in mm • For fitting instructions see website

TS.9206 Components

TS.9206	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 (variable power)</p>	2-6	Silver	11799	TS.9206DABC	10
	-	Silver	11337	STA.3.SE	25
 <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.5204 Hold open armset (includes fixings) Adjustable strength2/4)</p>	-	Silver	11158	HOPA.2.SE	25
	-	Black	11157	HOPA.2.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

Description	EN Size	Finish	Re-order Code	Product Code	Box Qty
 TS.9206 Drop plate (Includes fixing kit)	-	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
 TS.9000 Series parallel arm bracket (Includes fixings)	-	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
 TS.9000 Series architrave bracket (Includes fixings)	-	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 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
 Shoe plate	-	Silver	11269	SP.1.SE	50
		Satin Nickel	11270	SP.1.SNP	50

Fitting Templates and Jigs



SCAN FOR FULL INFO

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Slide Arm Door Closers

Slim and stylish surface -mounted door closer with minimal projection of less than 43mm from the door face.

Available in a variety of finishes, with delayed action and back check options.

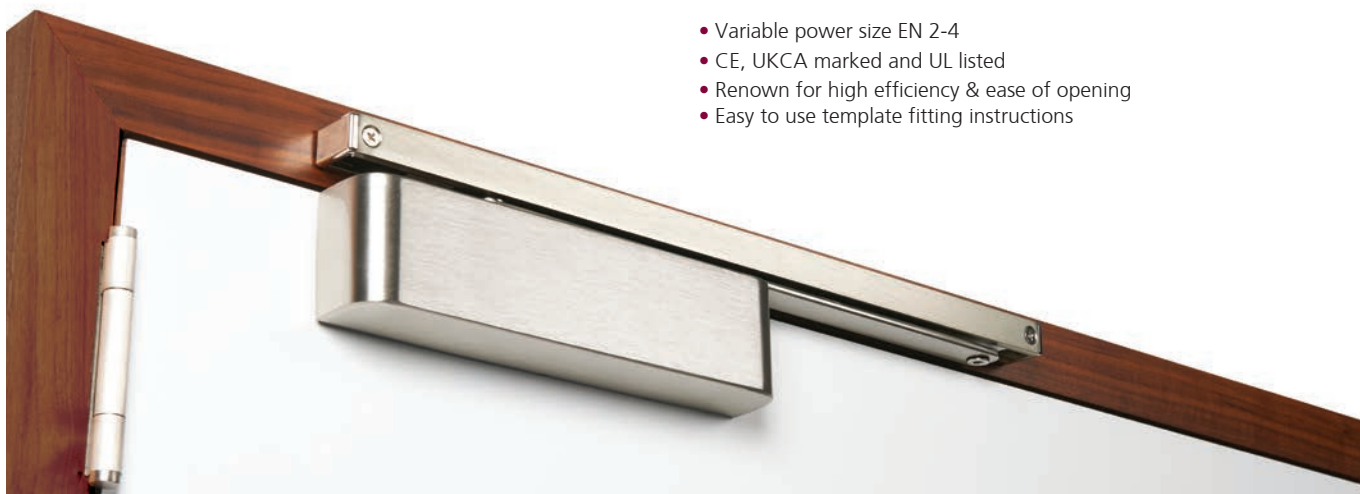
TS.24 PAGE 32

- Variable power size EN 2-4
- CE, UKCA marked
- Ezykam™ motion technology for immense control throughout the full opening and closing cycle of the door
- Easy to use template fitting instructions



TS.11204 PAGE 36

- Variable power size EN 2-4
- CE, UKCA marked and UL listed
- Renown for high efficiency & ease of opening
- Easy to use template fitting instructions



TS.11205 PAGE 40

- Variable power size EN 2-5
- CE, UKCA marked and UL listed
- Available with back check and adjustable delayed action
- Easy to use template fitting instructions





SLIDE ARM DOOR CLOSERS

TS.24



SCAN FOR FULL INFO



TS.24

With a rack+pinion mechanism giving fine control throughout both the opening and closing cycle, the Rutland TS.24 slide arm door closer has an opening angle of up to 180° and is power adjustable by spring, power size 2-4.

Key Features:

- 180° Opening Angle
- Total projection of 40mm from the door
- Available in Silver, Satin Nickel & White for next day delivery



3rd Party
Certification



Opening Angle
180°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



WH
White

Product Features

TS.24

Delayed Action	-
Back Check	-
Opening Angle - Pull-side	180° (Fig 1)
Fig.1 Pull Side Door Width	490-1100mm
Fig 61 Transom	490-1100mm
Max Door Weight	80kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions (including cover)	W269 x H69 x D40mm
Certification Compliance	
Certifire	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
UL10C	-
UL228	-
ANSI BHMA	-
IFCC	✓
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No o Option	



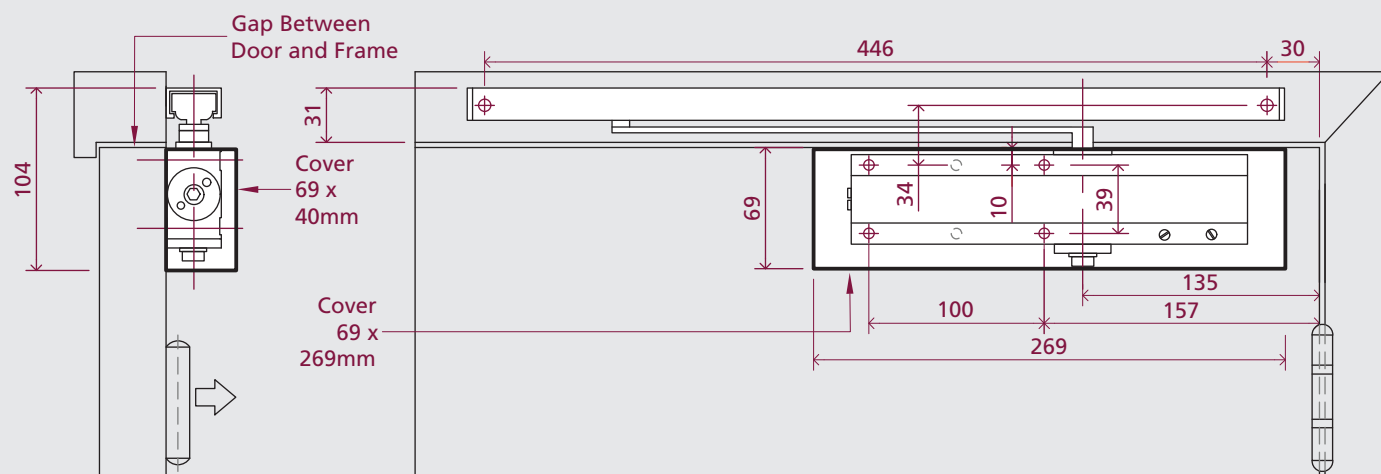
Approved Product CF 6156



1720



1812



All dimensions shown are in mm • For fitting instructions see website



TS.24 Components

TS.24	EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.24 Combined unit (closer, slide arm, cover,)</p>	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



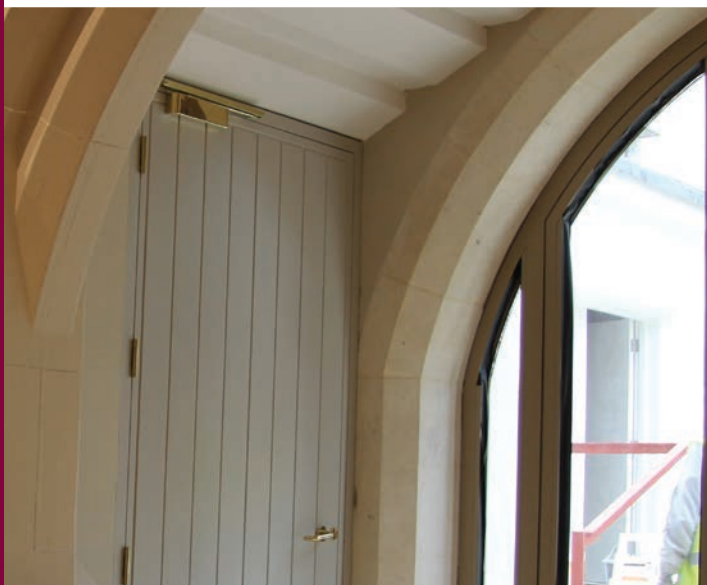
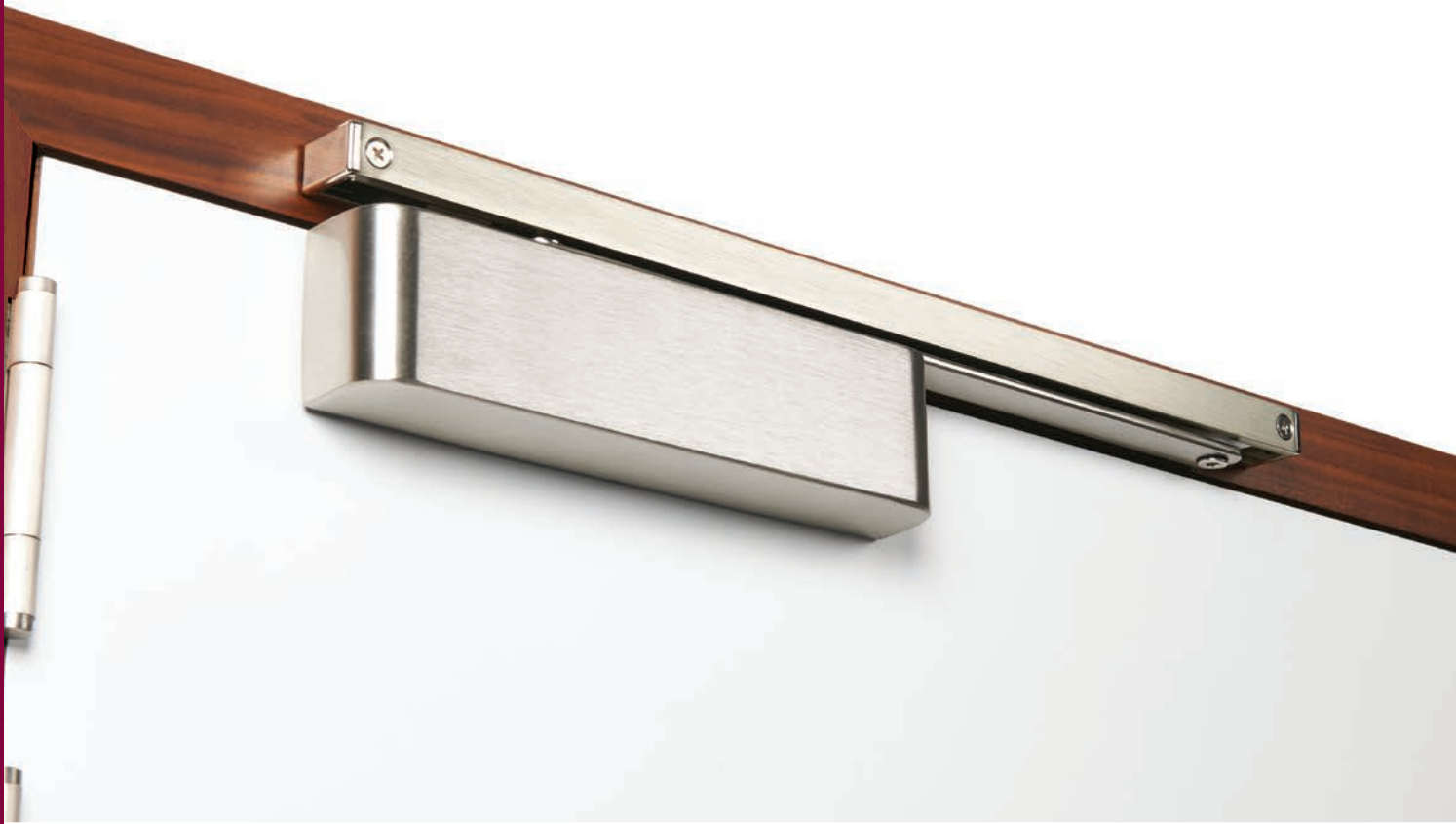


SLIDE ARM DOOR CLOSERS

TS.11204



SCAN FOR FULL INFO



TS.11204

Being renowned for its high efficiency and ease of opening with a cam action mechanism, the TS.11204 is a Certifire approved door closer for both push and pull side applications. This surface fixed slide arm door closer has a slimline projection of only 39mm, and is power adjustable by spring, power size 2-4.

Key Features:

- Universal fitting – can be fitted in pull-side, push-side or transom fitting position
- Option of Square (SSS) or Semi-Radius cover
- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass, Black & Antique Brass for next day delivery



FD30 to FD120
Timber Doors



Opening Angle
110°



Two-Stage
Speed Regulation



Max Door
Width



Max Door
Weight



Guarantee



Assists BS8300



Square Cover (SQ)



Semi Radius Cover (SR)

Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel



PVD
Polished Brass



AB
Antique Brass



SB
Satin Brass



DB
Dark Bronze



BK
Black

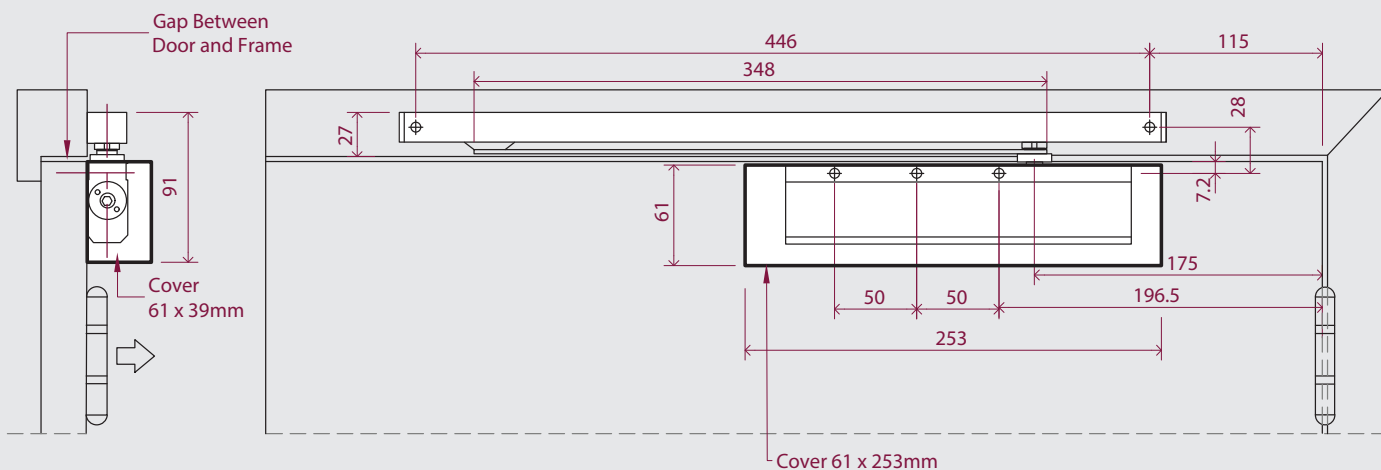
Product Features

TS.11204

Delayed Action	-
Back Check (Cushion stop available)	-
Opening Angle	110°
Fig.1 Pull Side Door Width	575-1100mm
Fig.66 Push Side Door Width	575-1100mm
Fig.1 BS8300 Min Door Width	857mm
Max Door Weight	<80kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	-
Dimensions (including cover)	W253 x H61 x D39mm
Certification Compliance	
Certifire	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
UL10C	-
UL228	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No ○ Option	



Approved Product CF 6006



All dimensions shown are in mm • For fitting instructions see website



Fitting Templates and Jigs

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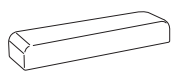
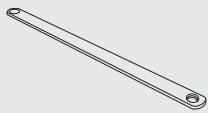
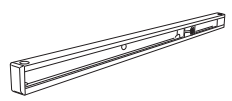

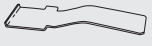


SCAN FOR FULL INFO



TS.11204 Components

TS.11204	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
		Polished Brass	11349	TS.11204.SR.2.PVDPVD	6
		Antique Brass	12027	TS.11204.SR.2.ABAB	6
		Dark Bronze	12713	TS.11204.SR.2.DBDB	6
		Black	11952	TS.11204.SR.2.BK	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
		Polished 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>	-	Black	11433	SR.114.BK	25
		Silver	11022	CB.5.SE	50
		Satin Nickel	11023	CB.5.SNP	50
		Polished Nickel	11020	CB.5.PNP	50
		Polished Brass	11021	CB.5.PVD	50
		Antique Brass	12023	CB.5.AB	50
		Black	11434	CB.5.BK	50
 <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
		Polished Brass	11246	SA.2.PVD	25
		Antique Brass	12024	SA.2.AB	35
		Black	11244	SA.2.BK	35
<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>Cushion Stop</p>	-		11249	SA.CS	25
 <p>Hold Open device (not for use on fire doors)</p>	-		11251	SA.HO	25



SLIDE ARM DOOR CLOSERS

TS.11205



SCAN FOR FULL INFO



TS.11205

The Rutland Certifire approved TS.11205 Cam Action door closer gets the perfect balance between ease of opening for the less able whilst having enough power to close doors up to 1250mm wide and 110kg, making it ideal for contracts where requirements include meeting Doc M and BS8300 (or formerly DDA).

Key Features:

- Available with optional back check and delayed action
- Perfect solution for overcoming air pressures
- Power Adjustable by spring, size 2-5



FD30 to FD120
Timber Doors



Opening Angle
120°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Assists BS8300



Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel



PVD
Polished Brass



AB
Antique Brass



SB
Satin Brass



BK
Black



Approved Product CF 6006



Product Features

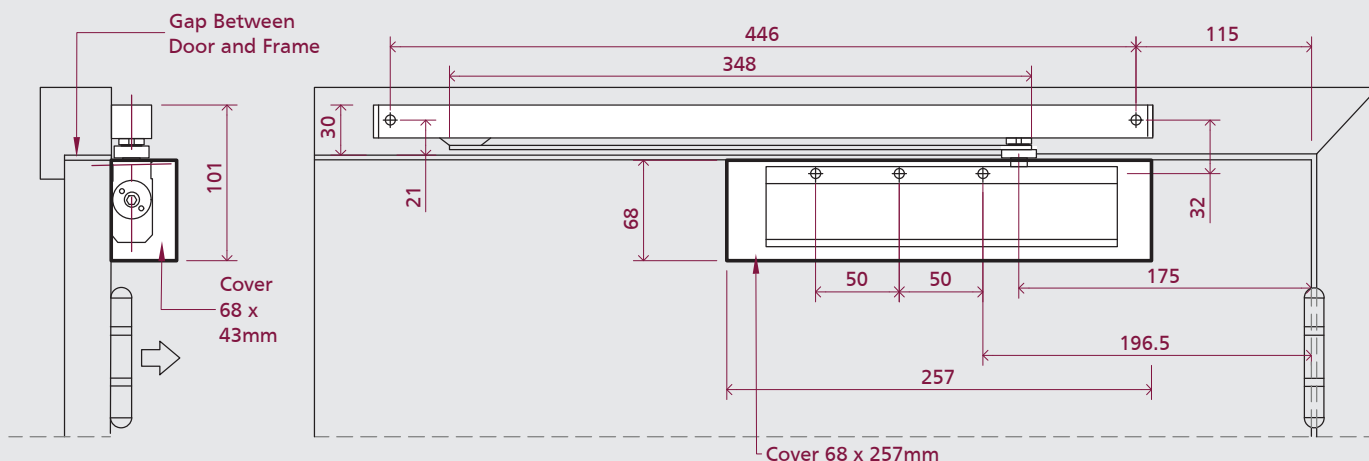
TS.11205

Opening Angle	120°
Fig.1 Pull Side Door Width	575-1250mm
Fig.66 Push Side Door Width	575-1250mm
Fig.1 BS8300 Min Door Width	EN3-757mm, EN4-743mm
Max Door Weight	<110kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions (including cover)	W257 x H68 x D43mm

Certification Compliance

Certifire	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
BS EN 1634-3	✓
BS EN 10140-2	✓
UL10C	-
UL228	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓

Key: ✓ Yes - No o Option



All dimensions shown are in mm • For fitting instructions see website



TS.11205 Components

TS.11205	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
		Polished Brass	12043	TS.11205.SR.2.PVDPVD	6
		Antique Brass	12114	TS.11205.SR.2.ABAB	6
		Satin Brass	12548	TS.11205.SR.2.SBSB	6
		Black	12214	TS.11205.SR.2.BK BK	6

 <p>TS.11205 cam action with delayed action</p>	2-5	Silver	12157	TS.11205DA.SR.2.SESE	6
		Polished Nickel		TS.11205DA.SR.2.PNPPNP	
		Satin Nickel	12158	TS.11205DA.SR.2.SNPSNP	6
 <p>TS.11000 series semi radius cover</p>	-	Silver	11291	SR.115.SE	25
		Satin Nickel	11292	SR.115.SNP	25
		Polished Nickel	11289	SR.115.PNP	25
		Polished Brass	11290	SR.115.PVD	25
		Antique Brass	12025	SR.115.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
		Polished 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
		Polished Brass	11246	SA.2.PVD	25
		Antique Brass	12024	SA.2.AB	35
		Black	11244	SA.2.BK	35
		Satin Nickel	11958	FIX.2.115.SNP	100
Fixing pack for the TS.11205		Polished Brass	11957	FIX.2.115.PVD	100
 <p>Cushion Stop</p>	-		11249	SA.CS	25
 <p>Hold Open device (not for use on fire doors)</p>	-		11251	SA.HO	25



Concealed Slide Arm Door Closers

Highly efficient with a slimline mechanism, some being suitable for 44mm thick doors.

Available in a variety of finishes.



ITS.11204 PAGE 46

- Variable power adjustment EN2-4
- CE, UKCA marked and UL listed
- Easy to use template fitting instructions
- Suitable for both 44 and 54mm thick doors



ITS.11205 PAGE 50

- Variable power adjustment EN2-5
- Engineered from exceptional high quality components
- Easy to use template fitting instructions
- Suitable for 54mm+ thick doors



ITS.11204.3.5 PAGE 54

- Variable power adjustment EN2-4
- Assists Document M and BS 8300
- Easy to use template fitting instructions
- Designed for hollow profile frames, but can be used in solid frames



ITS.H3 PAGE 56

- Fixed power size EN3
- Available with 'hold-open' or 'non-hold-open'
- Adjustable closing and latching speed



CONCEALED SLIDE ARM DOOR CLOSERS

ITS.11204



SCAN FOR FULL INFO



ITS.11204

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

Key Features:

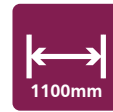
- Certifire Approved
- Power Adjustable by spring, size 2-4
- Suitable for both 44 and 54mm thick doors
- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass, Antique Brass Satin Brass & Dark Bronze for next day delivery



30-60min

Opening Angle
110°Two-Stage
Speed Regulation

Guarantee

Max Door
Width
1100mmMax Door
Weight
130KgIntumescent kit
(IP.114)

Finishes

See page 148 for more detail

SE
SilverSNP
Satin NickelPNP
Polished NickelPVD
Polished BrassAB
Antique BrassSB
Satin BrassDB
Dark BronzeBK
Black

Product Features

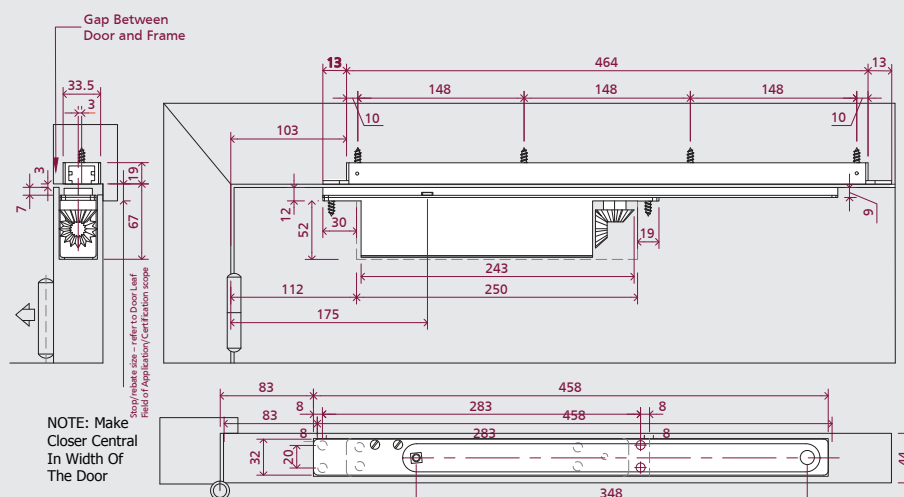
ITS.11204

Delayed Action	-
Back Check (cushion stop is available)	-
Opening Angle	110°
Door Width Min-Max	595-1100mm
Max Door Weight	<130kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions	W243 x H52 x D32mm
Certification Compliance	
Certifire	✓
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1634-1	✓
BS EN 1634-3	✓
UL10C	-
UL228 (US) [Not permitted in Canada]	✓
ANSI BHMA	-
EPD 3.09E+01 kg CO ₂ eq	✓
Key: ✓ Yes - No o Option	

We recommend concealer closers are machined on a CNC machine.




Approved Product CF 5902



All dimensions shown are in mm • For fitting instructions see website



ITS.11204 Components

ITS.11204	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
		Polished Brass	11171	ITS.11204.2.5.PVD	10
		Antique Brass	12026	ITS.11204.2.5.AB	10
		Satin Brass	12521	ITS.11204.2.5.SB	10
		Dark Bronze	12222	ITS.11204.2.5.DB	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
		Polished Brass	11999	SA.2.5.PVD	25
Standard Rail Intumescent Pack	-	-	11161	IP.114	100



CONCEALED SLIDE ARM DOOR CLOSERS

ITS.11205



SCAN FOR FULL INFO



ITS.11205

Renowned for its high efficiency, the Rutland ITS.11205 cam action door closer has size 3-5 power adjustment and is suitable for use in doors 54mm+ thick. With its cam and roller mechanism, and ease of opening, this closer is suitable for assisting Document M and BS8300 requirements.

Key Features:

- Fully concealed when the door is closed
- Power Adjustable by spring, size 3-5
- Available in Silver, Satin Nickel, Polished Nickel, Polished Brass Antique Brass & Black for next day delivery



30-60min

Opening Angle
110°Two-Stage
Speed Regulation

Guarantee

Max Door
WidthMax Door
WeightIntumescent kit
(IP.115)

Finishes

See page 148 for more detail

SE
SilverSNP
Satin NickelPNP
Polished NickelPVD
Polished BrassAB
Antique BrassBK
Black

Product Features

ITS.11205

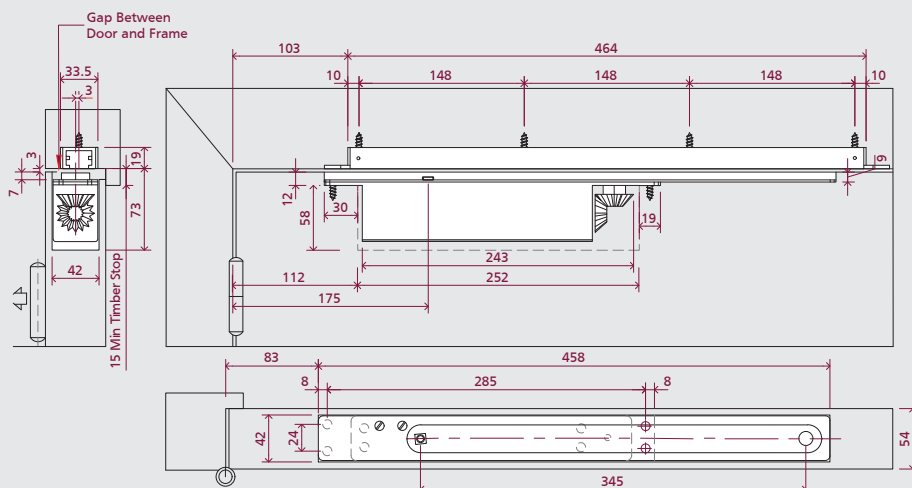
Delayed Action	-
Back Check	-
Opening Angle	120°
Fig.1 Pull Side Door Width	595-1250mm
Fig.66 Push Side Door Width	595-1250mm
Fig.1 BS8300 Min Door Width	835mm
Max Door Weight	<180kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions	W243 x H58 x D42mm

Certification Compliance

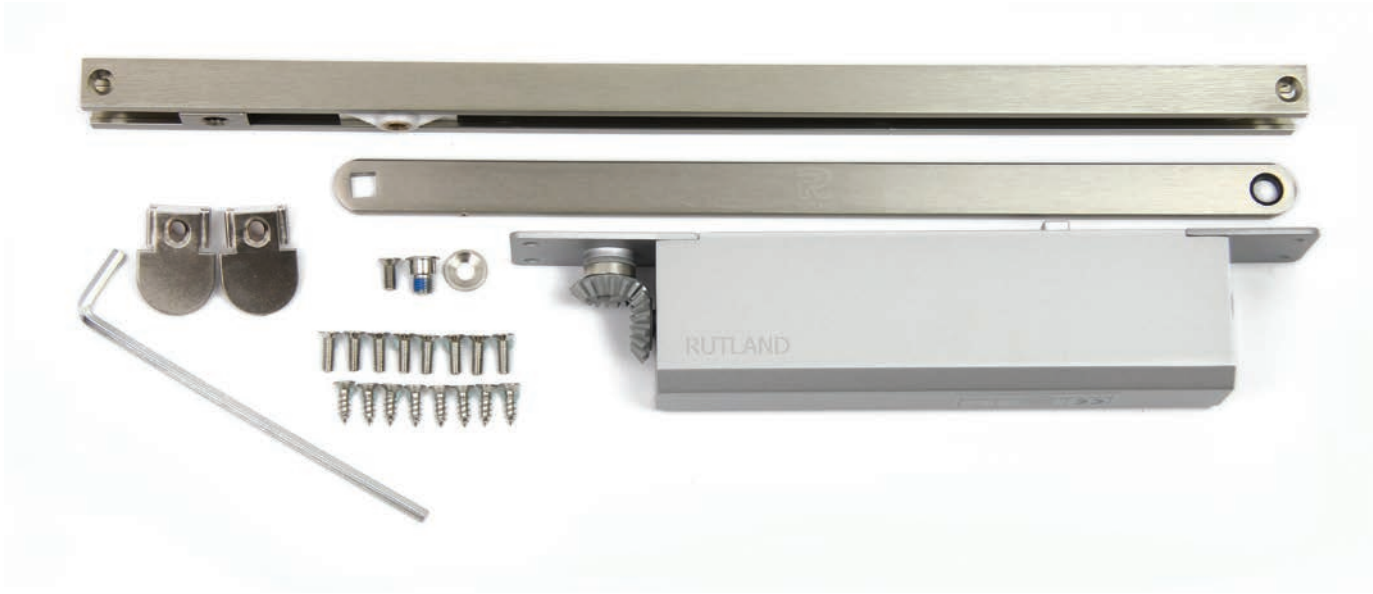
Certifire	-
UKCA	✓
CE - For classification see website	-
BS EN 1154	✓
BS EN 1634-1	✓
UL10C	-
UL228	✓
ANSI BHMA	-
IFCC	✓
EPD 3.09E+01 kg CO ₂ eq	✓

Key: ✓ Yes - No o Option

We recommend concealer closers are machined on a CNC machine.

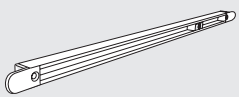


All dimensions shown are in mm • For fitting instructions see website



ITS.11205 Components

ITS.11205	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
		Polished Brass	12047	ITS.11205.2.5.PVD	10
		Antique Brass	12362	ITS.11205.2.5.AB	10
		Black	12216	ITS.11205.2.5.BK	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
		Polished Brass	11999	SA.2.5.PVD	25
			12151	IP.115	100
Intumescent Pack	-	-			

CONCEALED SLIDE ARM DOOR CLOSERS

ITS.11204.3.5

Renowned for its slimline mechanism (32mm body) and suitability for assisting BS8300 requirements, the key difference between the ITS.11204 and the ITS.11204.3.5 is the slimline micro rail that comes as standard on the ITS.11204.3.5, allowing the concealed closer to be used in door frames of thinner and more shallow widths.

Key Features:

- Slim micro rail of 20 x 30mm
- Power Adjustable by spring, size 2-4
- Available in Silver & Satin Nickel for next day delivery
- Designed for hollow profile frames, but can be used in solid timber frames



Opening Angle
110°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Intumescent
kit (IP.114M)



Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel

Product Features

ITS.11204.3.5

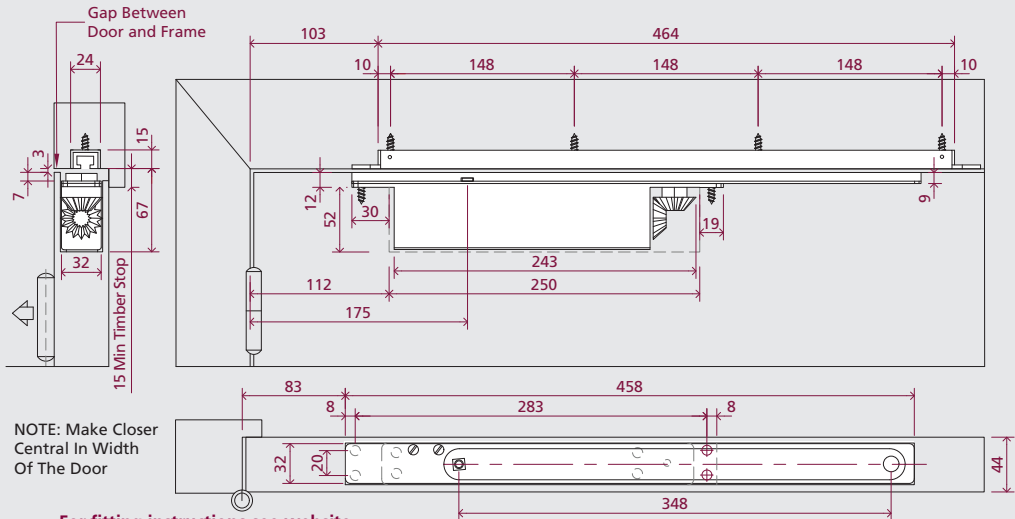
Delayed Action	-
Back Check	-
Opening Angle	110°
Door Width	595-1100mm
BS8300 Min Door Width	835mm
Max Door Weight	<130kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	o
Dimensions	W243 x H52 x D32mm

Certification Compliance

Certifire	CF5902
CE marked	EN1154
BS EN1634-1	✓
EPD 3.09E+01 kg CO ₂ eq	✓









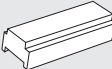



Key: ✓ Yes - No o Option

We recommend concealer closers are machined on a CNC machine.



All dimensions shown are in mm • For fitting instructions see website

ITS.11204.3.5 Components

ITS.11204.3.5		EN Size	Finish	Re-order Code	Product Code	Box Qty
	ITS.11204 -concealed micro rail slide arm door closer	2-4	Silver 	11420	ITS.11204.3.5.SE	10
			Satin Nickel 	11421	ITS.11204.3.5.SNP	10
	SINGLE ACTION – ITS.11204 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
	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
	Intumescent Pack	-	-	11955	IP.114M	250

CONCEALED HEEL CLOSERS

ITS.H3 – Heel Closer

The Rutland concealed Heel Closer requires no cut-out in the floor or frame of the door and can be used in doors of minimum thickness 40mm.

Key Features:

- Available with ‘Hold-open’ or ‘non-hold-open’
- Fixed power size 3
- Adjustable closing and latching speed



Opening Angle
150°



Two-Stage
Speed Regulation



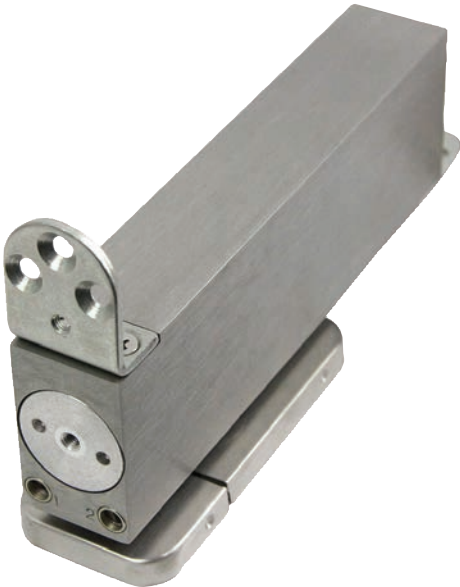
Guarantee



Max Door
Width



Max Door
Weight



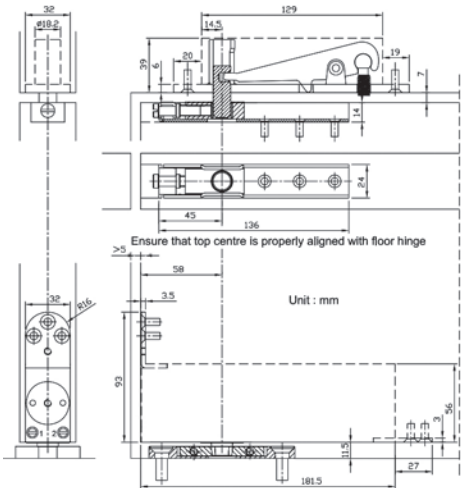
Product Features	ITS.H3 – Heel Closer
Hold Open	o
Opening Angle	150°
Max Door Width	1000mm
Max Door Weight	<100kg
Power Adjustment	By Spring
Hold Open (not for fire doors)	90°
Dimensions	W181 x H93 x D32mm
Key: ✓ Yes - No o Option	

Finishes

See page 148 for more detail



SE
Silver



Components

ITS.H3	EN Size	Finish	Re-order Code	Product Code	Box Qty
					
Hold Open Concealed Floor Spring Pivot c/w SS Cover and Top Pivot	3	Stainless Steel	12515	ITS.H3.HO.SS	10
Non-Hold Open Concealed Floor Spring Pivot c/w SS Cover and Top Pivot	3	Stainless Steel	12516	ITS.H3.NHO.SS	10





Electromagnetic Door Closers

Highly adaptable closers, suitable for use in varying applications, from care-homes to airports.

Available in a variety of finishes.



Responder 24 PAGE 60

- Available as either Hold open or Swing free
- UKCA marked
- Activated by fire alarm or over ridden on the switch if required
- Power supply unit available on request
- Easy to use template fitting instructions



TS.Firetrak.115 PAGE 62

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



ELECTROMAGNETIC DOOR CLOSERS

Responder 24



SCAN FOR FULL INFO

Power Supply Unit

Please see page 85
for more detail.



Responder 24

Offering Hold-Open & Swing-free modes, and being fully universal fitting with left, right, push & pull available from one box, the Responder 24 is a highly adaptable closer, suitable for use in varying applications, from care-home scenarios where swing-free is in demand, to airports and schools, where high-traffic passes through a door.

Key Features:

- Electromagnetic technology ensuring safe closure in a fire alarm activation
- 5 Finishes available for next day delivery
- Fire tested to EN1634-1 standard



3rd Party
Certification



Opening Angle
150°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Finishes

See page 148 for more detail



SE
Silver



SNP
Satin Nickel



PNP
Polished Nickel



PVD
Polished Brass



AB
Antique Brass

Rutland PSU is recommended and suitable for 4 E-mag devices.

We recommend the fitter consults with the cable voltage drop table due to the fact that cable sizing and length from PSU to Responder 24 can affect voltage drop.

It is the responsibility of the fitter to ensure the correct cable thickness is used for the situation in hand.

For push-side application (Parallel arm/ Fig 66), depending on location of switch box e.g. frame or wall mounting, the extended loop cable DL.184.600 may assist installation.

Voltage Output : 24v DC

It is recommended that for each FireTrak Door Close that a 1A Power Supply Unit is specified, however if fitting to double doors then a 2A Power Supply Unit can be used to operate the two FireTrak Closers.

Product Features

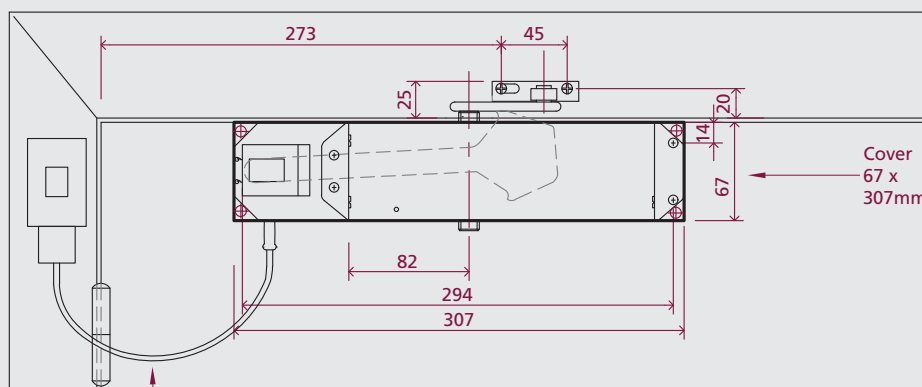
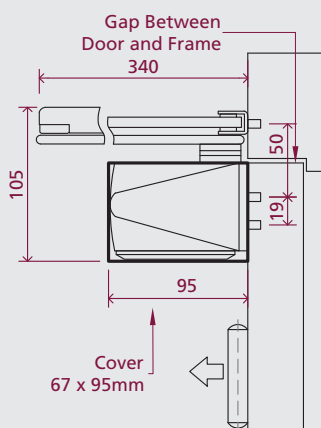
Responder 24

Delayed Action	-
Back Check	-
Opening Angle	150°
Fig.1 Pull Side Door Width	385-1100mm
Fig.66 Push Side Door Width	502-1100mm
Fig 61 Transom Mount	385-1100mm
Max Door Weight	<80kg
Power Adjustment	-
Hold Open	o
Dimensions (including cover)	W307 x H67 x D95mm

Certification Compliance

Certifire	-
UKCA	✓
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1155	✓
BS EN 1634-1	✓
UL10C	-
UL228	-
ANSI BHMA	-
IFCC	✓
EPD 3.09E+01 kg CO ₂ eq	✓

Key: ✓ Yes - No o Option



When E-mag door closers are to be interfaced with fire & smoke alarm systems they are to be installed by competent installers in accord with BS 7273-4 code of practice.

All dimensions shown are in mm • For fitting instructions see website

ELECTROMAGNETIC DOOR CLOSERS

TS.FIRETRAK.115

The TS.FIRETRAK.115 Electromagnetic Slide Arm Closer is a surface mounted Electromagnetic hold-open slide arm with cam action door closer designed for fire and smoke compartmentation doors. Fire and smoke doors will operate in a controlled close with the TS.FIRETRAK.115 when the fire alarm is activated.

Key Features:

- Universal Application
- Power Adjustable by spring, size 2-5
- Available in Silver or Satin Nickel for next day delivery



3rd Party
Certification



Opening Angle
110°



Two-Stage
Speed Regulation



Max Door
Width



Max Door
Weight



Guarantee



Assists BS8300

**Finishes**

See page 148 for more detail



SE
Silver



SNP
Satin Nickel

Voltage Output : 24v DC

It is recommended that for each FireTrak Door Close that a 1A Power Supply Unit is specified, however if fitting to double doors then a 2A Power Supply Unit can be used to operate the two FireTrak Closers.



1812

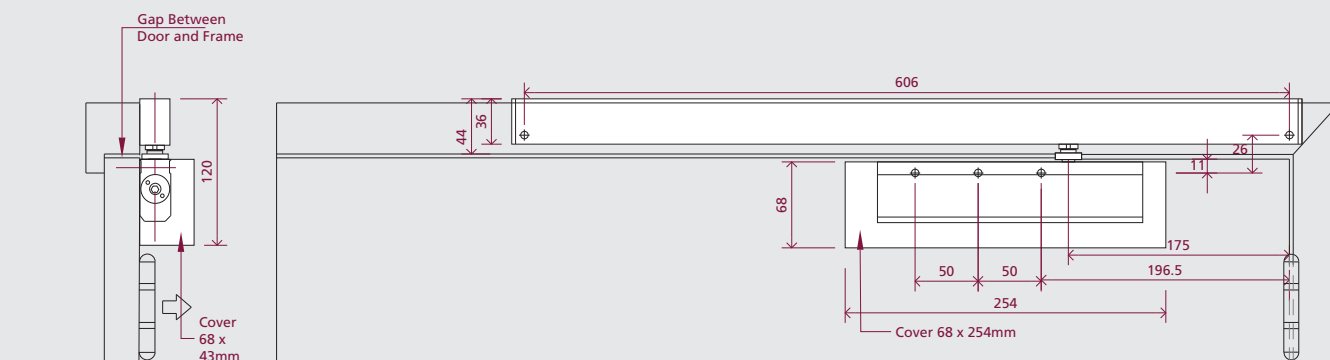
Product Features**TS.FIRETRAK.115**

Delayed Action	-
Back Check	-
Opening Angle	110°
Door Width	600-1250mm
BS8300 Min Door Width	857mm
Max Door Weight	<110kg
Power Adjustment	By Spring
Hold Open	✓
Dimensions (including cover)	W254 x H68 x D43mm

Certification Compliance

Certifire	-
UKCA	-
CE - For classification see website	✓
BS EN 1154	✓
BS EN 1155	✓
BS EN 1634-1	✓
UL10C	-
UL228	-
ANSI BHMA	-
IFCC	✓


Key: ✓ Yes - No ◦ Option




When E-mag door closers are to be interfaced with fire & smoke alarm systems they are to be installed by competent installers in accord with BS 7273-4 code of practice.

All dimensions shown are in mm • For fitting instructions see website

Electromagnetic Closers

Responder 24	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
		Polished Brass	10909	ETS.18314.PVD	4
		Antique Brass	12193	ETS.18314.AB	4
		Black	12409	IP.RESPONDER.M	100
Extension Wire and Black Box (400mm)	-	Black	11944	DL.184	-
Extension Wire and Black Box (600mm)	-	Black	12527	DL.184.600	-

Description	EN Size	Finish	Re-order Code	Product Code
Firetrak.114				
 <p>Electromagnetic slide arm door closer</p>	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

Firetrak.115				
 <p>Electromagnetic slide arm door closer</p>	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



Floor Spring Door Closers

Ideal for locations such as hospitals and care homes where easy opening is essential.

Available in a variety of finishes.



TS.7000 Range PAGE 66

- Available in two power sizes – EN 3/4
- UKCA marked and UL listed
- Renown for its Adaptability and Reliability
- Standard spindle size - 8mm



TS.7104 PAGE 68

- Adjustable power size EN 1-4
- UKCA marked
- Standard spindle size - 8mm



TS.7306 PAGE 69

- Variable power size EN3-6, adjustable by spring
- Available in double or single action kits
- Standard spindle size - 8mm



FLOOR SPRING DOOR CLOSERS

TS.7000 Range



SCAN FOR FULL INFO



TS.7000 Range

The Rutland TS.7003 + TS.7004 Floor Spring range is made up of two different power sizes - EN3 and EN4. They are enhanced with powerful, user friendly cam and roller action mechanisms.

Key Features:

- Varying spindle options from 3mm-48mm (8mm supplied as standard)
- Available in Satin Stainless finish, special finishes available on request
- Hollow mount cradle available for hollow floor mounting



3rd Party
Certification



Opening Angle
130°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Finishes

See page 148 for more detail



SSS
Satin Stainless



PVD
Polished Brass

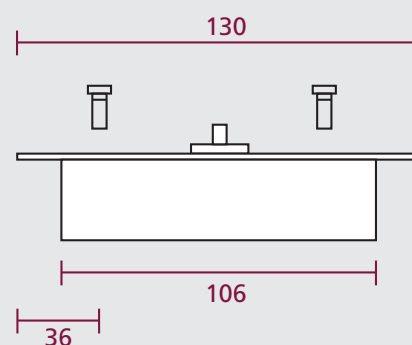
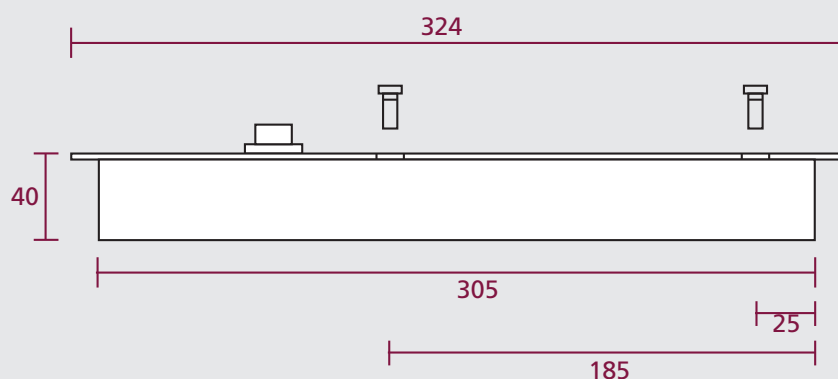


AB
Antique Brass

Product Features

TS.7003 + TS.7004

Delayed Action	-
Back Check (optional not covered by CE/UKCA)	o
Opening Angle	130°
Max Door Width EN3	950mm
Max Door Width EN4	1150mm
Max Door Weight EN3	<105kg
Max Door Weight EN4	<150kg
Power Adjustment	-
Hold Open (not for fire doors)	o
Dimensions (including cover)	W305 x H40 x D106mm
Certification Compliance	
Certifire	-
UKCA	✓
CE - For classification see website	-
BS EN 1154	✓
BS EN 1634-1	✓
UL10C	✓
UL228	✓
ANSI BHMA	-
IFCC	✓
Key: ✓ Yes - No o Option	



All dimensions shown are in mm • For fitting instructions see website

FLOOR SPRING DOOR CLOSERS

TS.7104

The Rutland TS.7104 Floor Spring is a slimline floor spring ideal for locations such as hospitals and care homes where ease of opening is essential. It comes with adjustable power size EN1-4 and is enhanced by a powerful, user friendly cam and roller action mechanism.



WF 427764



Opening Angle
130°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight

Key Features:

- Variable Power size EN1-4 – doors up to 150kg & 1150mm wide
- Available in Satin Stainless finish, special finishes available on request
- Varying spindle options from 3mm-48mm (8mm supplied as standard)



Finishes

See page 148 for more detail



SSS
Satin Stainless

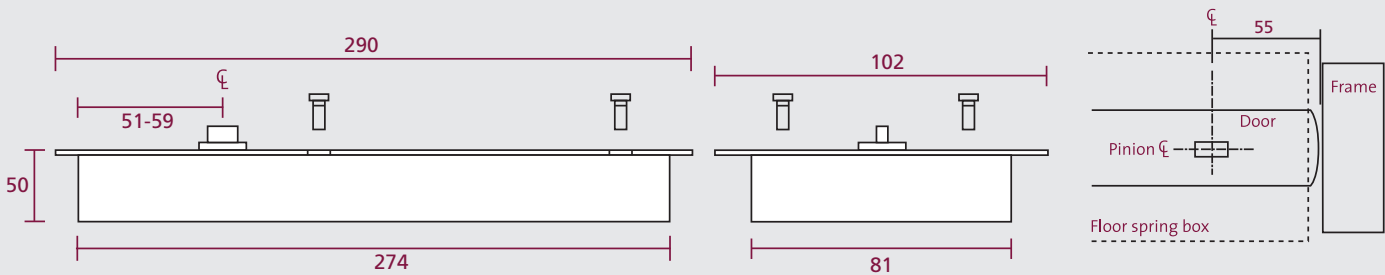
Special finishes
available upon request



Product Features

TS.7104

Delayed Action	-
Back Check	-
Opening Angle	130°
Max Door Width	1150mm
Max Door Weight	<150kg
Power Adjustment	By Spring
Hold Open	o
Dimensions (including cover)	W274 x H50 x D81mm
Certification Compliance	
Certifire	-
UKCA	✓
CE - For classification see website	-
BS EN 1154	✓
BS EN 1634-1	✓
UL10C	-
UL228	-
ANSI BHMA	-
IFCC	-
Key: ✓ Yes - No o Option	



TS.7306

The Rutland TS.7306 Heavy Duty Floor Spring has a variable power size EN3-6 adjustable by spring. Available as double or single action units as well as hold open and non-hold open.



Opening Angle
150°



Two-Stage
Speed Regulation



Guarantee



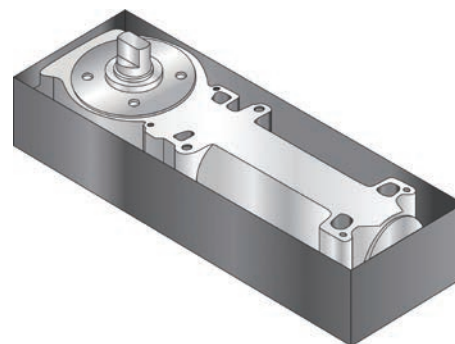
Max Door
Width



Max Door
Weight

Key Features:

- Variable Power size EN3-6 – doors up to 300kg & 1450mm wide
- Power Adjustable by spring, size 3-6
- Varying spindle options from 3mm-48mm (8mm supplied as standard)



Finishes

See page 148 for more detail



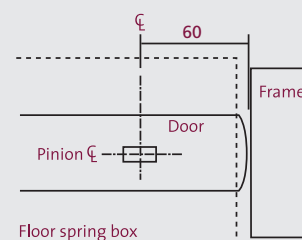
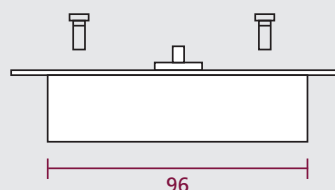
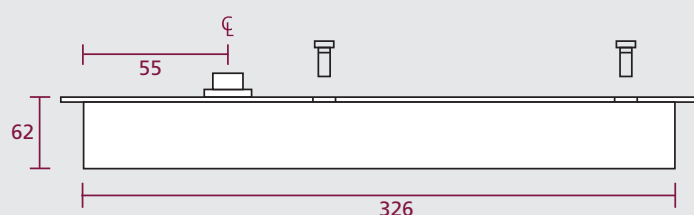
SSS
Satin Stainless

Special finishes
available upon request


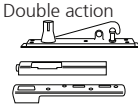







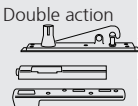







Product Features










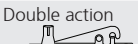



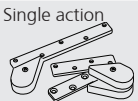



TS.7306

Delayed Action	-
Back Check	-
Opening Angle	150°
Max Door Width	1450mm
Max Door Weight	<300kg
Power Adjustment	By Spring
Hold Open	o
Dimensions (including cover)	W326 x H62 x D96mm
Key: ✓ Yes - No o Option	

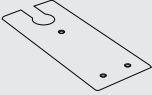
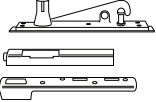
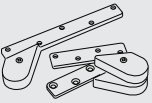
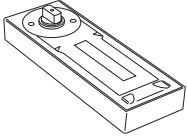

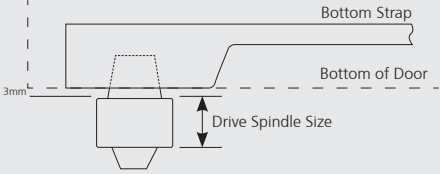
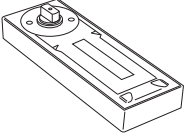
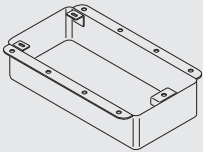


Floor Spring Components

TS.7000 - Hold Open			EN Size	Finish	Re-order Code		Product Code	Box Qty	
	TS.7003 combined unit hold open floor spring cover and action accessory pack		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	
	TS.7004 combined unit hold open floor spring cover and action accessory pack		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	

TS.7000 - Non Hold Open									
	TS.7003 combined unit hold open floor spring cover and action accessory pack	 Double action	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
		 Single action		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
	TS.7004 combined unit hold open floor spring cover and action accessory pack	 Double action	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
		 Single action		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

Floor Spring Components

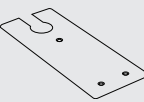
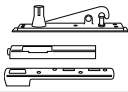
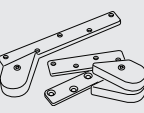
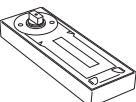

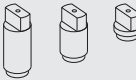
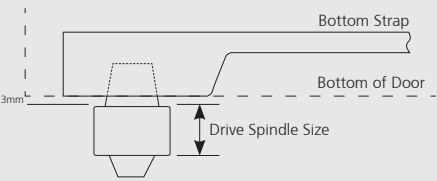
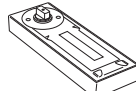
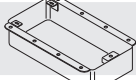
TS7000 product codes continued		EN Size	Finish	Re-order Code	Product Code	Box Qty
	TS.7000 Cover plate	-	Stainless Steel	11027	CP.70.SS	25
			Polished Brass	11025	CP.70.PB	25
			Antique Brass	12092	CP.70.AB	25
	TS.7000 Double action accessory pack	-	Stainless Steel, Polished Brass	12057	PS.190.SS.PB	10
	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
		Right hand				
	TS.7003 Hold open body only c/w cement box	3	-	11449	TS.7003HO	4
	TS.7003 Non hold open body only c/w cement box	3	-	11456	TS.7003NHO	4
	TS.7004 Hold open body only c/w cement box	4	-	11463	TS.7004HO	4
	TS.7004 Non hold open body only c/w cement box	4	-	11470	TS.7004NHO	4
  <p>Drive spindles for TS.7000 floor springs 3, 5, 8, 10, 13, 15, 18, 23, 28, 33, 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
	TS.7000 Dummy floor spring	-	-	11942	DF.70	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.190	100

*If Polished Brass to state on the order

Floor Spring Components


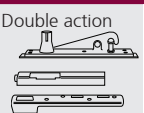

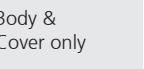

TS.7104 - Hold Open		EN Size	Finish	Re-order Code	Product Code	Box Qty
 <p>TS.7104 combined unit</p>	 	1-4	Stainless Steel	11893	TS.7104HO.DAX.SS	4
			Polished Brass	11892	TS.7104HO.DAX.PB	4
			Stainless Steel	LH 11896 RH 11897	TS.7104HO.SAX.SS	4
			Polished Brass	LH 11894 RH 11895	TS.7104HO.SAX.PB	4

TS.7104 - Non Hold Open						
 <p>TS.7104 combined unit</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

TS.7104						
 <p>TS.7104 Cover plate</p>	-	-	Stainless Steel	11941	CP.74.SS	25
			Polished Brass	11940	CP.74.PB	25
			Satin Brass	12714	CP.74.SB	25
			Antique Brass	12554	CP.74.AB	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.74	4
 <p>Hollow floor mounting cradle for floor spring 275L x 80W x 50H</p>	-	-	Black	11974	HMC.74.1	25
<p>Intumescent kit for TS7104</p>	-	-	-	11164	IP.70	100

Floor Spring Components

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

TS.7306 - Non Hold Open							
 <p>Heavy Duty Floor Spring</p>	 <p>Double action</p>	3-6	Stainless Steel		12104	TS.7306NHO.DAX.SS	4
	 <p>Body & Cover only</p>	3-6	Stainless Steel		12103	TS.7306NHO.SS	4



Glass Patch Closers

Ideal for situations such as concrete floors where it's difficult to use the traditional Floor Spring closers.

For use with glass thicknesses from 8-13mm.



GP.3 PAGE 76

- 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 77

- 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

GLASS PATCH DOOR CLOSERS

GP.3

The Rutland GP.3 Hydraulic Glass Patch Closer is a size EN 3 closer and has been used in many varied applications globally, ideal for situations such as concrete floors where it's difficult to use the traditional Floor Spring closer due to underfloor heating and services. Glass thickness can vary from 8mm to 13mm due to the necessary fitting packs, spacers and supports. This is available in a non-hold open mechanism.

Key Features:

- Universal Application
- Available in Satin Stainless Steel or Black
- Hold-Open or Non-Hold-Open available



Opening Angle
130°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight



Finishes

See page 148 for more detail



SSS
Satin Stainless



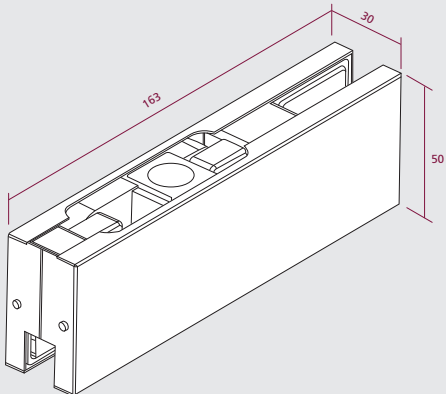
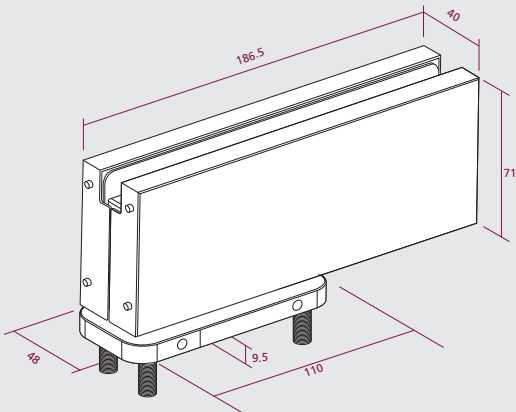
BK
Black



Product Features

GP.3

Delayed Action	-
Back Check	-
Opening Angle	130°
Max Door Width	1000mm
Max Door Weight	<100kg
Power Adjustment	-
Hold Open	o
Dimensions (including cover)	W186.5 x H71 x D40mm
Key: ✓ Yes - No o Option	



All dimensions shown are in mm • For fitting instructions see website

GP.35

Similar to the GP.3 door closer, the GP.35 Hydraulic Glass Patch Closer is commonly used in situations where floor spring closers are not an option due to underfloor heating and services. The difference with the GP.35 is the power size, in that it is power adjustable size EN3-5. Glass thickness can vary from 10-15mm, and a non-hold open mechanism is available.



Opening Angle
130°



Two-Stage
Speed Regulation



Guarantee



Max Door
Width



Max Door
Weight

Key Features:

- Power adjustable size EN3-5
- Universal application
- Available in Satin Stainless finish



Finishes

See page 148 for more detail



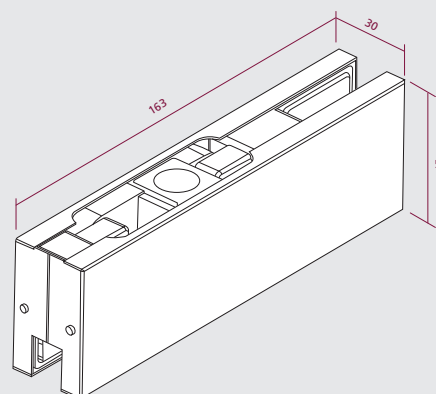
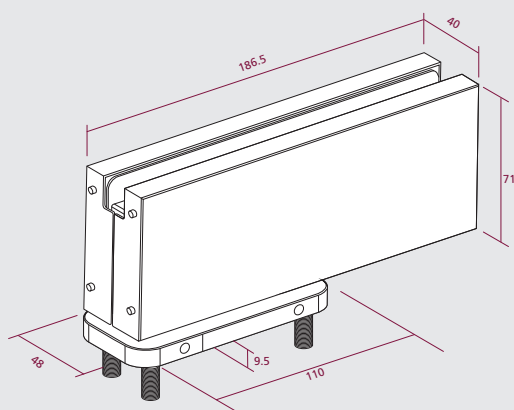
SSS
Satin Stainless



Product Features

GP.35

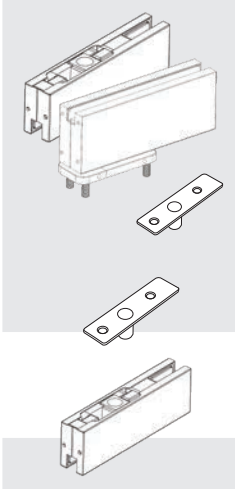
Delayed Action	-
Back Check	-
Opening Angle	130°
Max Door Width	1200mm
Max Door Weight	<150kg
Power Adjustment	By Spring
Hold Open	o
Dimensions (including cover)	W186.5 x H71 x D40mm
Key: ✓ Yes - No o Option	



All dimensions shown are in mm • For fitting instructions see website



Glass Patch Components

GP.3	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 C/W Closer, Top Patch & Pivot Non Hold Open	3	Black	12352	GP.3HO.BK	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 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

Face To Face Electro-magnetic Locks

The Rutland range of Electro-magnetic Locks includes face to face and morticed fixed. The electro-magnetic locks have been tested and certified to DHF TS 010 for performance and holding forces as well as fire rated for use on timber and steel doors when using the intumescent pack or surface fixed armature plate.

The Electro-magnetic Locks are suitable for a wide range of applications. Used in conjunction with either access control or audio / video door entry systems and are dual voltage 12V and 24V DC, with several bracket options available. The Electro-magnetic Locks when installed give confidence that the product can fulfil the requirements for security and fire.

All Rutland electro-magnetic Locks have a kick off pin in the armature plate to overcome any residual magnetism when power to the magnet is turned off.

The range is supplied in an anodised aluminium finish; however, other finishes are available to special order on request.



Product Features

Monitored	✓
Dual voltage 12/24V DC (selectable on site) with current ampere 500/250 respectively	✓
Low maintenance with no moving parts	✓
Safety bolts prevent the magnet from detaching from the bracket itself	✓
Kick off pin in the armature plate to overcome any residual magnetism when power to the magnet is turned off	✓
Suitable for single or double doors, inward or outward opening	✓
Z & L Bracket available for inward opening doors	✓
L bracket available for outward opening doors with a slim header rail	✓

Compliance - Certification & Testing

CE Marked – EMC Compliant	✓
Fire rated for Timber and Steel Doors to EN 1634-1 for 30 & 60 mins	✓
Certified to TS 010 Electro-magnetic performance standard	✓

Type	Re-order code	TS010 Grade	Nominal Holding Force	Fire Rated	Magnet Size	Armature Size
REM10002 Slimline EM	10916	2	600 lbs (2660 N) (272 Kg)	Yes	H47 x W250 x D26mm	H38 x W185 x D12mm
REM10020 Standard EM	10927	3	1200 lbf (5337N) (545 kg)	Yes	H73 x W266 x D40mm	H61 x W185 x D15.5mm
REM12200 Superior EM	10919	4	1400 lbf (6227N) (635 kg)	Yes	H73 x W288 x D40mm	H61 x W185 x D16mm

Brackets

REMBR089	10926	Z&L Bracket to suite inward opening for Slim Line F/F Electro-magnet
REMBR018	10924	Surface Mounted Armature Plate Housing for Slim Line Electro-magnet
RMH590/ZA	10918	Architectural Z&L Bracket to suit inward opening for Slim Line F/F Electro-magnet
REMBR026	10925	Z&L Bracket to suit Inward Opening for Standard F/F Electro-magnet
REMBR016	10922	Surface Mounted Armature Plate Housing for Standard Electro-magnet

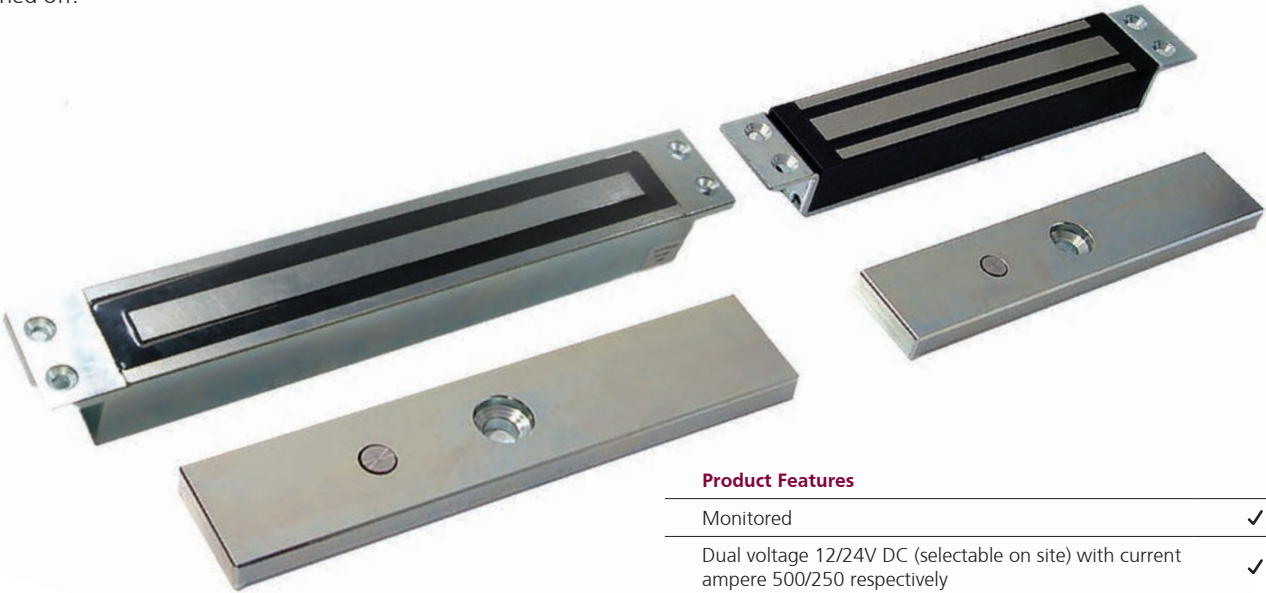


Mortice Electro-magnetic Locks

The Rutland range Mortice electro-magnetic locks are mounted in a frame with the armature plate in or on the door and are generally factory fitted to ensure alignment between the magnet and armature plate to give the maximum holding force. The advantage of mortice electro-magnetic locks as that they are concealed in the frame when the door is closed.

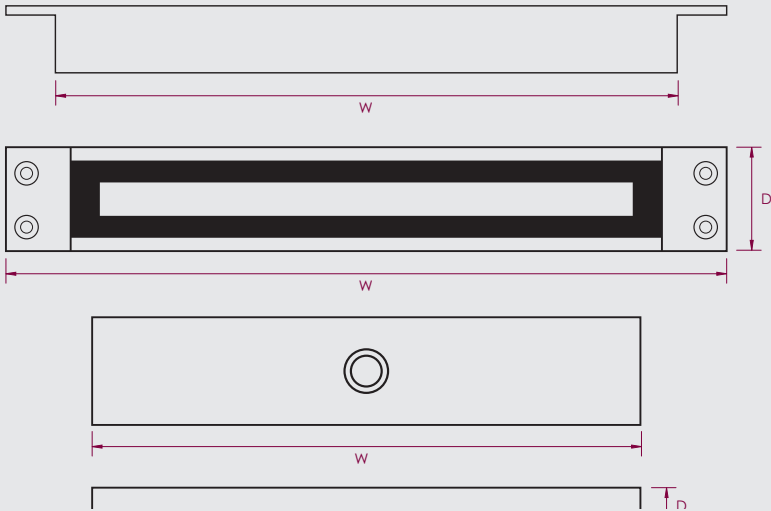
A slimline and standard mortice EM Lock are available both monitored with a selectable 12 / 24V DC voltage on site.

The electro-magnetic locks have a kick off pin in the armature plate to overcome any residual magnetism when power to the magnet is turned off.



Product Features	
Monitored	✓
Dual voltage 12/24V DC (selectable on site) with current ampere 500/250 respectively	✓
Low maintenance with no moving parts	✓
Kick off pin in the armature plate to overcome any residual magnetism when power to the magnet is turned off.	✓
Suitable for single or double doors, inward or outward opening	✓
Improved aesthetics for high quality installations as the product is concealed when the door is closed	✓
Compliance - Certification & Testing	
CE Marked – EMC Compliant	✓
Certified to TS 010 Electro-magnetic performance standard	✓

Type	Re-order code	TS010 Grade	Nominal Holding Force	Fire Rated	Magnet Size	Armature Size
REM10000R Slimline	10920	2	600 lbs (2660 N) (272 Kgf)	No	L228 x W38 x D27mm	L185 x W38 x D12mm
REM12000R Standard	10921	3	1060 lbf (4700N) (480 kgf)	No	L288 x W41 x D27mm	L219 x W44 x D16mm



TRANSOM CLOSERS

TS.8000

Designed for egress doors not needing to be fire rated, the Rutland TS.8000 Transom Closers are fitted into the transom of a door which is the top of the door frame, and feature cam and roller mechanisms. They are supplied in three fixed power sizes as standard - EN2, EN3 + EN4.



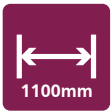
Opening Angle
130°



Two-Stage
Speed Regulation



Guarantee



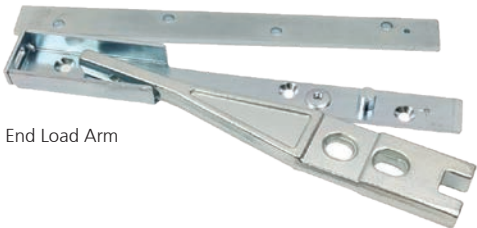
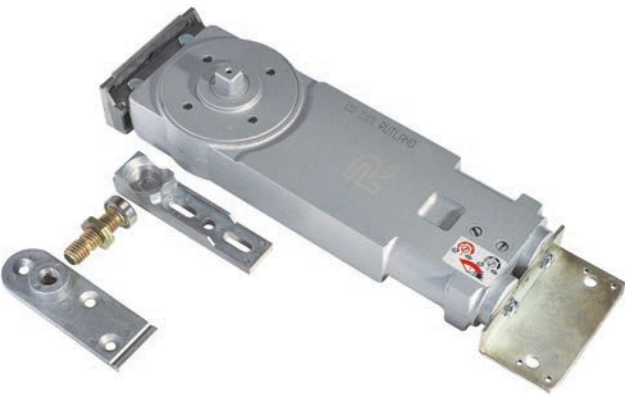
Max Door
Width



Max Door
Weight

Key Features:

- Available as Hold-Open or Non-Hold Open
- Easy opening with cam and roller mechanism
- Universal application



End Load Arm

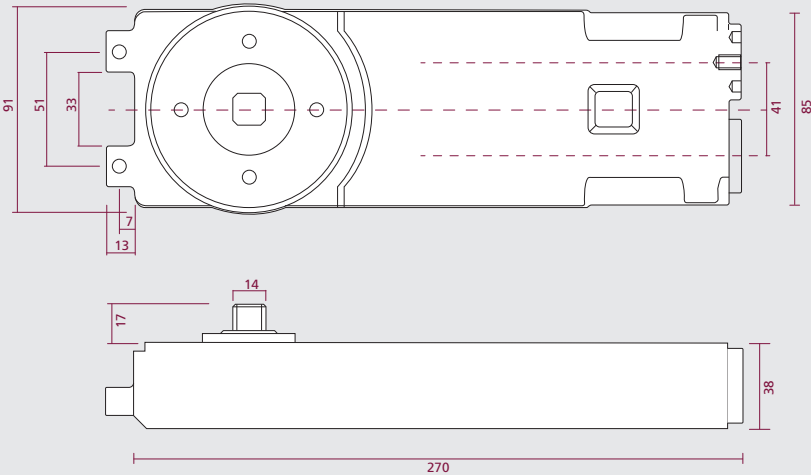


Side Load Arm

Product Features

TS.8000

Delayed Action	-
Back Check	-
Opening Angle	130°
Max Door Width	TS.8002 - 850mm TS.8003 - 950mm TS.8004 - 1100mm
Max Door Weight	TS.8002 - <70kg TS.8003 - <105kg TS.8004 - <150kg
Max Door Weight	TS.8002 - Fixed EN2 TS.8003 - Fixed EN3 TS.8004 - Fixed EN4
Hold Open	o
Dimensions (including cover)	W270 x H38 x D91mm
Key: ✓ Yes - No o Option	



All dimensions shown are in mm • For fitting instructions see website

ACCESSORIES – DOOR RESTRICTOR

DR.11000

The DR.11000 Door Restrictor is an ideal option for external doors such as loading bays or goods store entrances to stop the door from getting damaged by the masonry or being ripped off its hinges in windy locations. It comes with the option of a hold open clip which can be inserted to hold the door open, and a cushion stop which acts similar to back check and saves damage to the building and door. The DR.11000 is available in heavy duty silver finish.

Key Features:

- Fully concealed when the door is closed
- Available with Hold-open or cushion stop
- Acts as a restrictor on the door in windy locations

**Finishes**

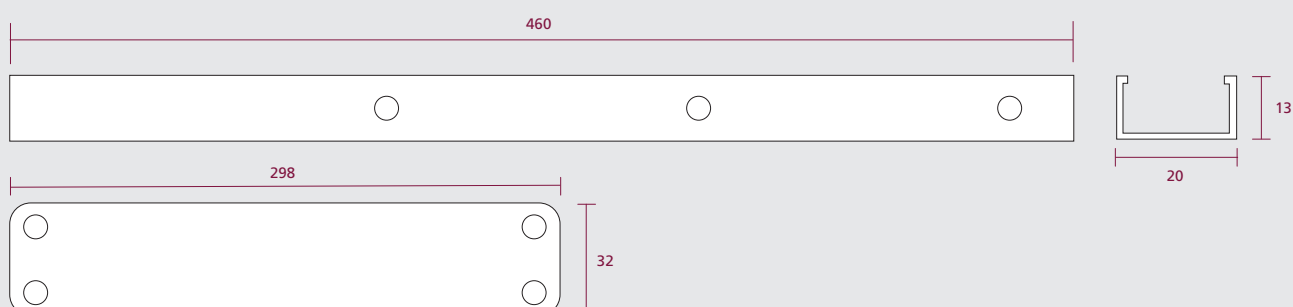
See page 148 for more detail

**SSS**

Satin Stainless

**SNP**

Satin Nickel



Brackets

Every door closer at some point needs a slightly different bracket to help with the fitting or application on hand. At Rutland this is recognized, considered, designed, manufactured and therefore brackets are stocked to assist with the different door closer fittings and applications.

There may be an alternative bracket required for your situation and the staff at Rutland will be willing to assist with your requirements.



PIN.SE



PAB.6.SE



GD5.95.SE



SMB.95.SE



PAB.18



PAB.2

Bracket Options:

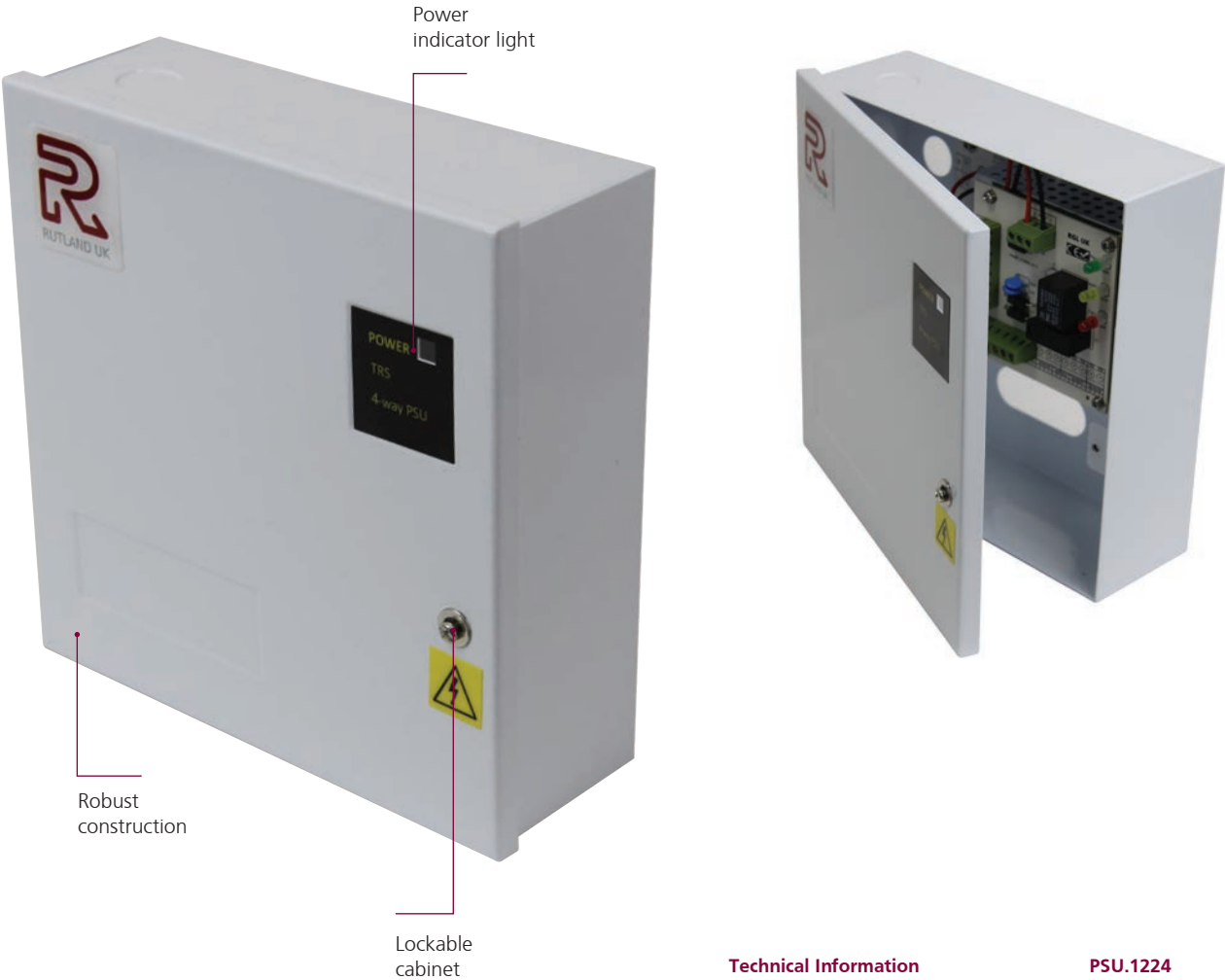
- Extended Parallel Arm Bracket – available in a wide range of finishes to suit
- Extra Long Parallel Arm Bracket – available in a wide range of finishes to suit
- Glass door shoe to suit glass (10mm thickness) – for pull side fitting - available in Silver finish
- Soffit Mounting bracket – available in Silver finish
- Pinion Bracket – available in Silver finish
- 'Z' Bracket – available in Silver finish
- Angled 'Z' Bracket – available in Silver finish
- Slide Rail Drop Plate – available in Silver finish

PSU.1224.9

This product is a four way regulated Power supply unit to connect electromagnetic door closers to the fire alarm.

CAVEAT - Rutland PSU is recommended to be suitable for 4 E-mag devices (Responder 24 and FireTrak), however it is recommended that the fitter consults with the cable voltage drop table due to the fact that cable sizing and length can affect voltage drop. It is the responsibility of the fitter to ensure the correct cable thickness is used for the situation in hand.

- Mild steel construction
 - White powder coated
 - Switch-mode technology
 - Four way regulated power supply
 - Cable retention points
- LED indicators for O/P, fault & mains
 - Output can be fail-safe or fail-secure
 - Full electronic protection
 - Short circuit protection
 - 24VDC regulated output
- Fused output
 - Full current to load
 - End-of-Life: This product can be returned to Rutland for WEEE regulations
 - One PSU can take up to 4 Responders or Firetraks (see caveat above)



Technical Information	PSU.1224
Output	24VDC
Max Amp	4A
Max Load	Up to 4/5 Responders or Firetraks
Dimensions	W200 x H200 x D65mm

When E-mag door closers are to be interfaced with fire & smoke alarm systems they are to be installed by competent installers in accord with BS 7273-4 code of practice.

PIVOT SETS

PS.100

Including a retractable top centre pivot with cover plate and bottom strap, the Rutland PS.100 Double Action Pivot set uniquely fits to the frame leg and head which takes away the need to have any fixings into the floor, making it quicker to fit and more adaptable.

Key Features:

- Max Door Weight 80kg
- Double Action
- Grade 314 stainless steel
- Retractable top pivot

*Intumescent must be used on fire doors

Finishes

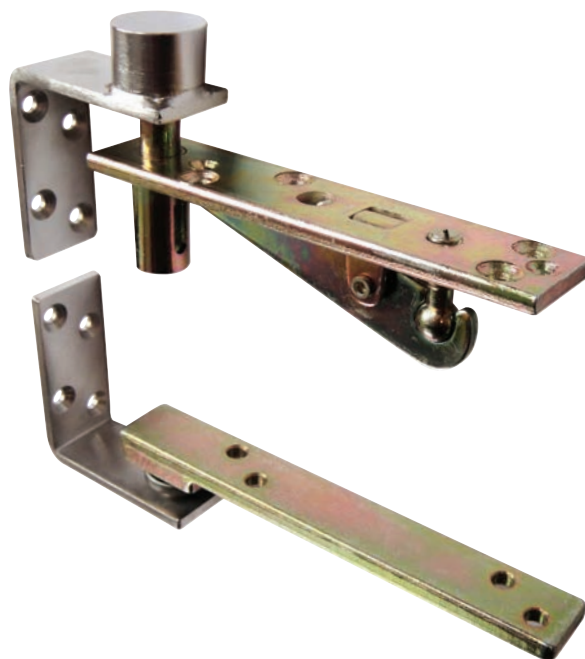
See page 148 for more detail



SSS
Satin Stainless



Max Door
Weight



PIVOT SETS

PS.170

For single action use, the Rutland PS.170 pivot set has a retractable top centre pivot with a cover plate and bottom strap.

Key Features:

- Max Door Weight 80kg
- Single Action
- Medium duty pivot to suit TS.7000 floor springs
- Tested for use with the spindle bearing PS.260

*Intumescent must be used on fire doors (IP.70)

Finishes

See page 148 for more detail



SSS
Satin Stainless



PVD
Polished Brass



Max Door
Weight



PIVOT SETS

PS.190

For use on large and heavy door sets, the Rutland PS.190 Heavy Duty Pivot Set has a spindle bearing which helps improve performance and has a double lockable anti-vibration door strap, which helps to hold the door in line and maintains the fire integrity of a door.

Key Features:

- Max Door Weight 175kg
- Spindle bearing for improved performance
- Tested for use with PS.260 floor mounted spindle bearing.

*Intumescent must be used on fire doors (IP.190)



Max Door Weight

**Finishes**

See page 148 for more detail



SSS

Satin Stainless



PVD

Polished Brass

PIVOT SETS

PS.190100

A medium duty double action pivot set, the Rutland PS.190100 consists of an adjustable top strap and a bottom pivot which is frame fixed, meaning no interference with underfloor heating or services.

Key Features:

- Max Door Weight 80kg
- Double Action
- Spindle bearing for improved performance
- Top pivot with retractable pin for ease of fitting
- Adjustable top stop allowing doors to be aligned/adjusted.

*Not recommended for fire doors



Max Door Weight

**Finishes**

See page 148 for more detail



SSS

Satin Stainless



PVD

Polished Brass

PS.260 Floor Mount Spindle

Rutland’s PS.260 Floor mount spindle is a heavy-duty floor mounted bottom spindle that allows doors to swing both ways.



Guarantee



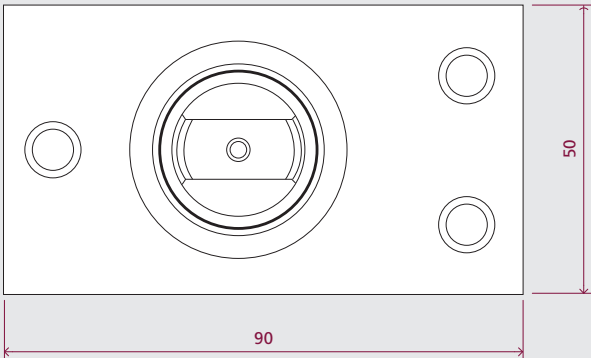
Max Door Weight



Key Features:

- Suitable for FD30 and FD60 doors, to BS 476 for both single and double door applications
- 25 year guarantee
- 304 grade stainless steel plate
- Satin Finish
- Bronze bearings oil impregnated for low maintenance

Product Features	PS.260
Min Door Thickness	44mm
Back Check	-
Opening Angle	130°
Max Door Width	1100mm
Max Door Weight	<200kg
Permitted door gaps on 44mm thick fire doors	3mm Gap
Permitted door gaps on 54mm thick fire doors	3.5mm Gap
Dimensions (including cover)	W186.5 x H71 x D40mm
Key: ✓ Yes - No ◦ Option	



TH.106/107

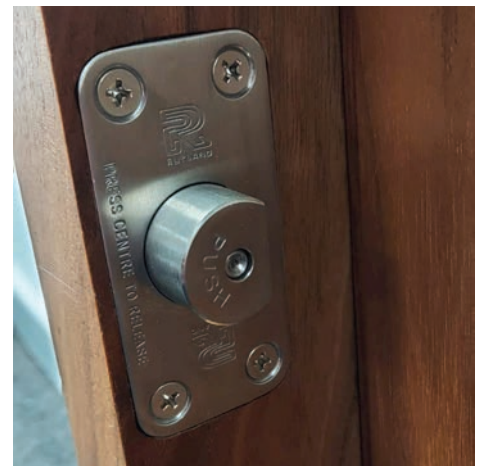
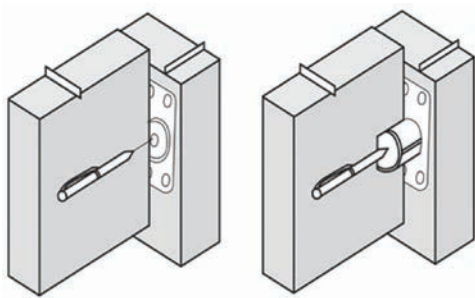
TH.106/107 Emergency Release Stop allows for double swing emergency access. In normal circumstances, it stops the door in the closed position. When in an emergency the Stop can be released by using a pen to press in on the centre point on the stop. This is usually fitted to the frame of the door.

TH.106 Key Features:

- 25 Year guarantee
- Lock-In
- 304 Grade stainless steel plate
- Satin Finish
- Bronze bearings oil impregnated for low maintenance

TH.107 Key Features:

- Suitable for door thickness 44mm and above
- Lock-In and Lock-Out
- Heavy duty for internal doors weighing up to 200kg
- Maximum door width 1100mm
- Permitted door gaps on 44mm thick - 3mm gap is permitted
- Permitted door gaps on 54mm thick - 3.5mm gap is permitted



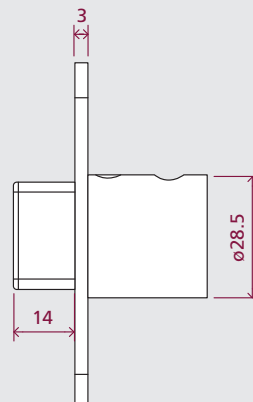
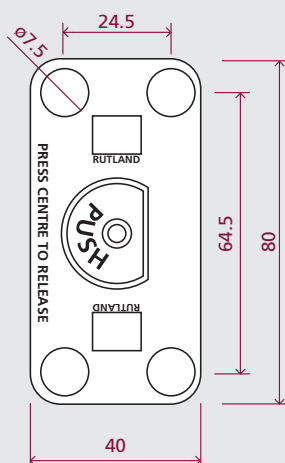
Finishes

See page 148 for more detail



SSS

Satin Stainless



All dimensions shown are in mm • For fitting instructions see website

Hold Open Arms

Rutland's Hold-Open arms are designed for use on non-fire rated doors where there is a requirement for the door to be held open. An example of where a hold-open arm might be used is with a standard scissor arm door closer on an exit door.

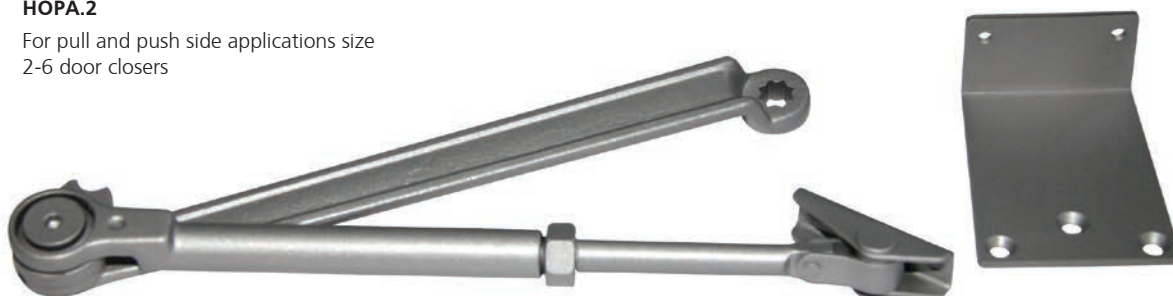
To coincide with the different fitting positions of a door closer, such as pull side and push side, there are various different hold-open arms available from stock to meet your requirements.

Hold-open arms are available in a range of different finishes, to match your requirements. Please contact Rutland with your requirements for hold-open arms.


Hold-Open arms are NOT for use on Fire Doors.


HOPA.2

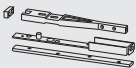

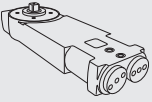
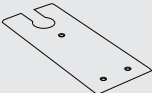
For pull and push side applications size 2-6 door closers


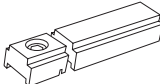
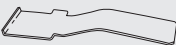


Accessories Components

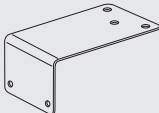
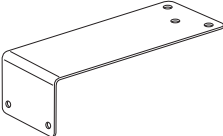
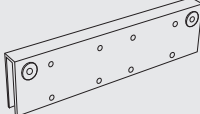
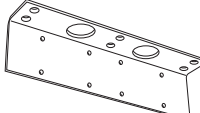
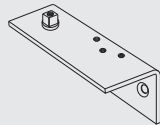
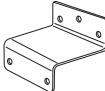
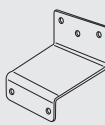
TS.8000 - Hold Open		EN Size	Load Kit	Re-order Code	Product Code	Box Qty
	TS.8002 Concealed transom closer	2	with end load set	11477	TS.8002HO.ELA	4
			with side load set	11478	TS.8002HO.SLA	4
	TS.8003 Concealed transom closer	3	with end load set	11485	TS.8003HO.ELA	4
			with side load set	11486	TS.8003HO.SLA	4
	TS.8004 Concealed transom closer	4	with end load set	11493	TS.8004HO.ELA	4
			with side load set	11494	TS.8004HO.SLA	4

TS.8000 - Non Hold Open						
	TS.8002 Concealed transom closer	2	with end load set	11481	TS.8002NHO.ELA	4
			with side load set	11482	TS.8002NHO.SLA	4
	TS.8003 Concealed transom closer	3	with end load set	11489	TS.8003NHO.ELA	4
			with side load set	11490	TS.8003NHO.SLA	4
	TS.8004 Concealed transom closer	4	with end load set	11497	TS.8004NHO.ELA	4
			with side load set	11498	TS.8004NHO.SLA	4


	End load arm set	-	-	11057	ELA.80	50
	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

DR.11000		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

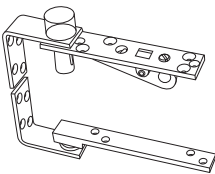







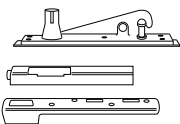

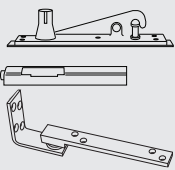

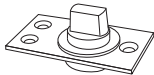

Accessories Components

Description	Finish	Re-order Code	Product Code	Box Qty
 Extended parallel arm bracket (includes fixings)	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
	Polished Brass	11193	PAB.2.PVD	50
	Colour Coated	11194	PAB.2.RAL	50
 Extra long parallel arm bracket (includes fixings)	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
	Polished Brass	11981	PAB.18.PVD	50
	Colour Coated		PAB.18.RAL	50
 Glass door shoe to suit glass (10mm) - Pull side fitting	Silver	11141	GDS.95.SE	10
 Soffit mounting bracket	Silver	11268	SMB.95.SE	100
 Pinion bracket	Silver	11214	PIN.SE	50
 Z Bracket	Silver	11205	PAB.5.SE	50
	Satin Stainless Steel	11206	PAB.5.SSS	50
 Angled Z Bracket	Silver	11209	PAB.6.SE	50

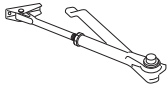
Power Supply Unit

	2 amp 4 way 24VDC	White Powder Coated	12160	PSU.1222	1
	4 amp 4 way 24VDC	White Powder Coated	12160/4	PSU.1224	1

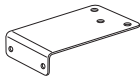
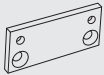
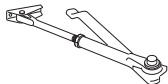
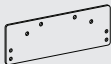




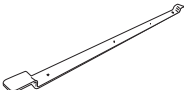
Accessories Components

Pivot Sets	Description	Finish	Re-order Code	Product Code	Box Qty
	Pivot set with adjustable top centre, bottom strap and door frame fixing bracket (ø12mm)	Satin Stainless Steel 	11215	PS.100	10
	(Left hand) Single action top & bottom centre pivot	Stainless Steel 	11218	PS.170L.SS	10
		Polished Brass 	11216	PS.170L.PB	10
	(Right hand) Single action top & bottom centre pivot	Stainless Steel 	11220	PS.170R.SS	10
		Polished Brass 	11219	PS.170R.PB	10
	Double Action Pivot Set	Stainless Steel and Polished Brass 	12057	PS.190.SS.PB	10
	Double Action Pivot	Stainless Steel 	12511	PS.190100.SS	10
	Floor Mount Spindle	Satin Stainless Steel 	11226	PS.260.SSS	10

Accessories Components

Description	Finish	Code	Re-order Code	Products Applicable	Box Qty
 <p>Star Cut Screw Type Armset (includes fixings & PA bracket)</p>	Silver	STA.3.SE	11337	TS.3204, TS.9205, TS.9206	25
	Satin Stainless	FBA.1.SSS	11093	TS.3204, TS.9205,	25
	Silver	FBA.1.SE	11091	TS.3204, TS.5204, TS.9205	25
	Satin Nickel	FBA.1.SNP	11092	TS.3204, TS.5204, TS.9205	25
	Polished Nickel	FBA.1.PNP	11087	TS.3204, TS.5204, TS.9205	25
	Polished Brass	FBA.1.PVD	11089	TS.3204, TS.5204, TS.9205	25
	Satin Brass	FBA.1.SB	11090	TS.3204, TS.9205	25
	Black	FBA.1.BK	11085	TS.5204, TS.9205	25
	Polished Stainless	FBA.1.PSS	11088	TS.9205	25
	Antique Brass	FBA.1.AB	11084	TS.9205	25
	Antique Copper	FBA.1.AC	12132	TS.9205	25
	Dark Bronze	FBA.1.DB	12123	TS.9205	25
	Medium Bronze	FBA.1.MB	12125	TS.9205	25
	Light Bronze	FBA.1.LB	12124	TS.9205	25
	Weathered Bronze	FBA.1.WB	12133	TS.9205	25
	Colour Coated	FBA.1.RAL	11956	TS.9205	25
	Oil Rubbed Bronze	FBA.1.ORB	12149	TS.9205	25
 <p>Standard Flat Bar armset (includes fixings & PA bracket)</p>	Silver	FBA.3.SE	11105	TS.5204, TS.9205, TS.9206	25
	Black	FBA.3.BK	11101	TS.5204, TS.9205, TS.9206	25
	Satin Nickel	FBA.3.SNP	11106	TS.5204, TS.9205, TS.9206	25
	Polished Nickel	FBA.3.PNP	11102	TS.5204, TS.9205, TS.9206	25
	Polished Brass	FBA.3.PVD	11104	TS.5204, TS.9205, TS.9206	25
	Satin Stainless	FBA.3.SSS	11107	TS.5204, TS.9205, TS.9206	25
	Polished Stainless	FBA.3.PSS	11103	TS.5204, TS.9205, TS.9206	25
	Marine 316	FBA.3.MARS	12094	TS.5204, TS.9205, TS.9206	25
 <p>Standard Flat Bar Armset (star-cut) (includes fixings & PA bracket)</p>	Silver	FBA.3.SE	11105	TS.5204, TS.9205, TS.9206	25
	Black	FBA.3.BK	11101	TS.5204, TS.9205, TS.9206	25
	Satin Nickel	FBA.3.SNP	11106	TS.5204, TS.9205, TS.9206	25
	Polished Nickel	FBA.3.PNP	11102	TS.5204, TS.9205, TS.9206	25
	Polished Brass	FBA.3.PVD	11104	TS.5204, TS.9205, TS.9206	25
	Satin Stainless	FBA.3.SSS	11107	TS.5204, TS.9205, TS.9206	25
	Polished Stainless	FBA.3.PSS	11103	TS.5204, TS.9205, TS.9206	25
	Marine 316	FBA.3.MARS	12094	TS.5204, TS.9205, TS.9206	25

Accessories Components

Description		Finish	Code	Re-order Code	Products Applicable	Box Qty
	Parallel Arm Bracket (includes fixings)	Silver	PAB.1.SE	11186	TS.3204, TS.5204, TS.9205	50
		Satin Nickel	PAB.1.SNP	11187	TS.3204, TS.5204, TS.9205	50
		Polished Nickel	PAB.1.PNP	11182	TS.3204, TS.5204, TS.9205	50
		Polished Brass	PAB.1.PVD	11184	TS.3204, TS.5204, TS.9205	50
		Black	PAB.1.BK	11180	TS.9205	50
		Satin Stainless	PAB.1.SSS	11188	TS.9205	50
		Polished Stainless	PAB.1.PSS	11183	TS.9205	50
	Shoe Plate (includes fixings)	Silver	SP.1.SE	11269	TS.3204, TS.5204	50
		Satin Nickel	SP.1.SNP	11270	TS.5204	50
	Hold Open arm (adjustable strength 2/4) (includes fixings)	Silver	HOPA.2.SE	11158	TS.5204, TS.9205, TS.9206	25
		Black	HOPA.2.BK	11157	TS.5204, TS.9205, TS.9206	25
	Slide Rail Drop Plate	Silver	SA.DP.SE	12154	TS.11204, TS.11205	25
		White	SA.DP.WH	12007	TS.11204, TS.11205	35
	Cushion Stop	-	SA.CS	11249	TS.11204, TS.11205, ITS.11204, ITS.11205	25
	Stop Block	-	SA.1.BLOCK	11236	TS.11204, TS.11205, ITS.11204, ITS.11205, ITS.11204.3.5	25
	Hold Open device (not for use on fire doors)	-	SA.HO	11251	TS.11204, TS.11205, ITS.11204, ITS.11205	25
	Slide Rail Cover	Satin Nickel	SAC.2.SNP	12238	TS.11204, TS.11205	25
	Concealed mounting frame for hollow metal or aluminium door frames	Silver	SA.2.MF	12029	ITS.11204, ITS.11205	25

OUR MISSION IS TO

Enhancing **compliance** and **performance** at every door

Welcome to the FRONTIER™ Collection of dual tested and colour suited entrance door hardware from Rutland.

Rutland develops, produces and supplies first-rate fire door hardware which has been used for over 20 years in apartment entrance doorsets from social housing apartments, to high-end residential projects.

It's especially critical in apartments to get fire, security and smoke door control right. This is particularly important where people are known to be sleeping, vulnerable or less able.

We also advise and inform on best practice and take part in conversations in the industry on how to make buildings safer, because life is important for all of us. Specific advice around common problems with front entrance door control is provided at the end of this brochure.

If you can't find what you're looking for, do get in touch, we would be happy to hear from you.

**It's a fine line between
safety and tragedy,
...It's worth getting it right**

Enhancing **compliance**
and **performance** at every door



INTRODUCING THE
FRONTIER™ Collection



rutlanduk.co.uk



FRONTIER™ COLLECTION

Multipoint Lock



SCAN FOR FULL INFO



Adjustable 'flush-fitting keeps'



RMP3 Multipoint Lock



Guarantee



FD30



PAS24:2022

Rutland RMP3 Multipoint Lock provides solutions for doorset manufacturers from it's non-handed lock and keeps, to all 3 keeps being adjustable for ease of installation and self-closing, through to auto locking for ease of use by residents. Supported by Police SBD, the RMP3 multipoint lock is successfully tested for fire, smoke, PAS24:2022 security, BS6375 weather, repeated opening and closing and strength tests.

Product Features

3 locking points	✓
45mm Backset	✓
55mm Backset	✓
Automatic locking (no need to lift handle)*	✓
Universal non-handed	✓
Adjustable centre keep	✓
Adjustable top and bottom keeps	✓
Compliance - Certification & Testing	
Fire tested BS EN 1634-1-1 30 mins**	✓
Smoke tested BS EN 1634-1-3**	✓
Security tested PAS 24**	✓
Weather tested BS 6375-1**	✓
Repeated opening & closing BS 6375-2**	✓
Strength tested BS 6375-3**	✓
Durability tested 200,000 cycles	✓
Corrosion tested 480 hours Grade 5 BS EN 1670	✓
Police Secured by Design (SBD) Preferred Specification	✓

*Achieve full locking with thumbturn or key

** Within a door set

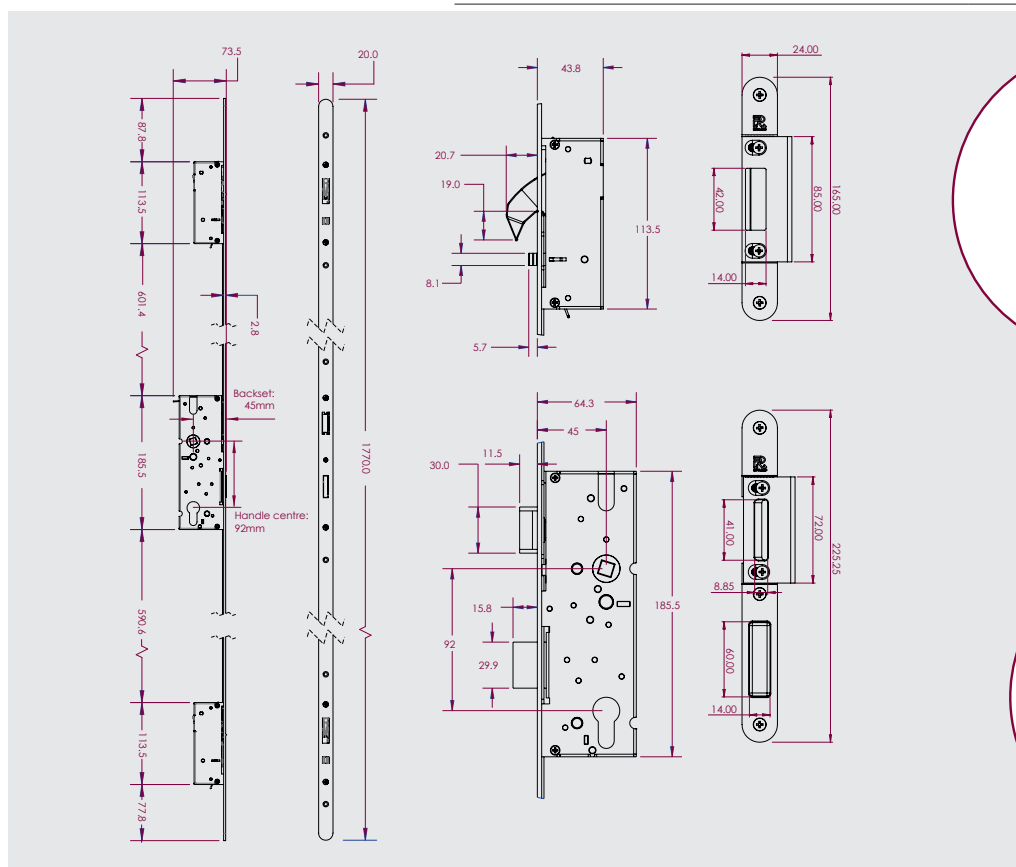
***When used on fire doors must use IP.RMP3 intumescent kit

Finishes

See page 148 for more detail



SNP
Satin Nickel



Description

Re-order Code

Product Code

Box Qty

Multipoint Lock Universal 1720/45 SSS	10800	RMP3.1720.4.5.S	10
Multipoint Lock Universal 1720/55 SS	10800	RMP3.1720.55.S	10
Centre Keep for RMP3 Lock Universal Radius Ends Silver	10801	RMP.3.KCR.PNP	10
Top/Bottom Keep for RMP3 Lock Universal Radius ends Silver	10799	RMP3.KTBR.SS	10
Intumescent Kit for RMP3 Multipoint Lock***	10802	IP.RMP3	10

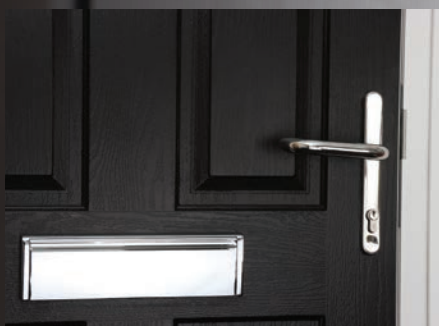


FRONTIER™ COLLECTION

RLP Letterplate



SCAN FOR FULL INFO



RLP Letterplate



Guarantee



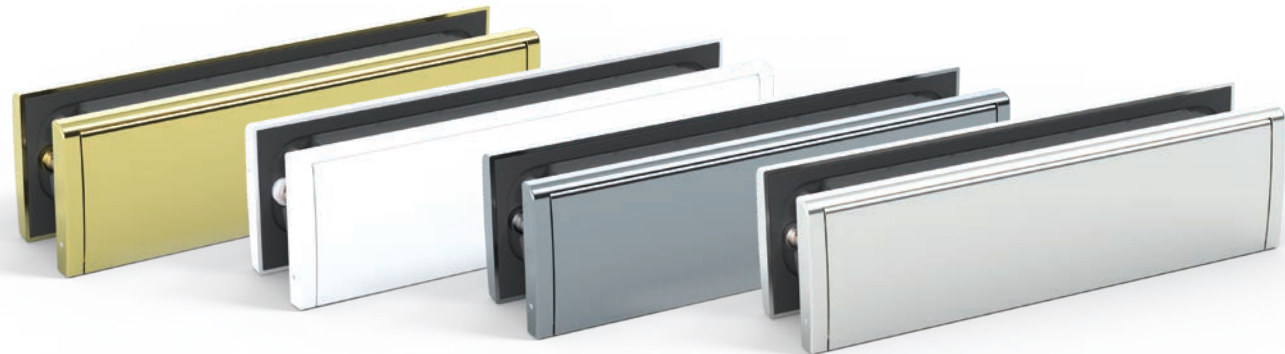
FD30



TS008:2022



PAS24



Rutland’s RLP Letterplate is a top-end, slim profile fire & security letterplate, tested to TS008 standards. As part of the Frontier Collection is colour suited to Rutland’s Door Closers and other entrance door hardware finishes. Simple one-tool, one-cut CNC routing pattern saves machining and fitting time.

Finishes

See page 148 for more detail


SE
Silver


PNP
Polished Nickel


SNP
Satin Nickel

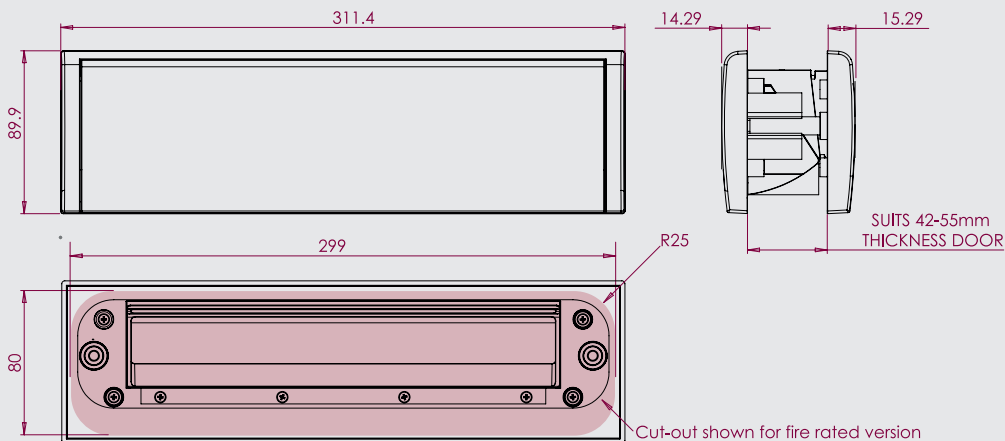

PB
Polished Brass


WH
White



Product Features	
Slim profile design	✓
One tool CNC aperture cut	✓
Adjustable for 44mm to 54mm thick door	✓
Internal fixings for security	✓
Internal plate projection 14mm	✓
External plate projection 15mm	✓
Registered design	✓
Compliance - Certification & Testing	
TS008:2022 Enhanced security tested	✓
TS008:2022 Cycle tested to 20,000 cycles	✓
TS008:2022 Kitemark third-party certificated	✓
PAS24 tested (assists compliance with ADQ)*	✓
TS008:2022 Corrosion tested 240 hours grade 4, and 480 hours grade 5 (powder coated) to BS EN 1670	✓
Police Secured by Design (SBD) Preferred Specification	✓
* Tested as a safety critical component within timber doorset & composite doorset	
** For fire doors must use RLP.IP intumescent kit	

Description	Finish	Re-order Code	Product Code	Box Qty
RLP Letterplate	Silver External / White Internal	-	RLP.SEWH	10
	Satin Nickel External / White Internal	-	RLP.SNPWH	10
	Polished Brass External / White Internal	-	RLP.PBWH	10
	Polished Nickel External / White Internal	10837	RLP.PNPWH	10
	Polished Nickel	10836	RLP.PNPPNP	10
	Satin Nickel	10841	RLP.SNPSNP	10
	Polished Brass	10838	RLP.PBPB	10
	White	10840	RLP.WHWH	10
Intumescent Kit**		10854	RLP.IP	10



Lever Handle

5
YEARS

Guarantee

Part of the Frontier Collection, the Rutland RH.RLB door handle is external grade. A stylish handle with high corrosion resistance.

**Product Features**

Comfort grip	✓
242mm backplate	✓
Guarantee 5 years (coating)	✓

Compliance - Certification & Testing

Fire tested to BS EN 1634-1	✓
BS EN 1906:2012 Corrosion tested to BS EN 1670	✓
Security*	✓

*Tested on doorset to PAS 24 with 3-star security cylinder

EN1906 : 2012 Classification

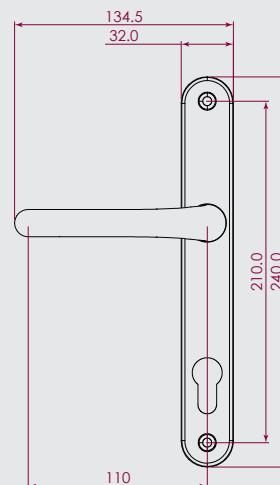
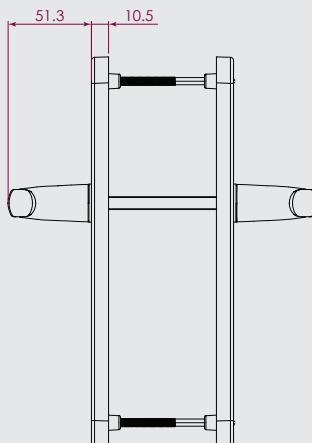
Category of use	3
Durability	7
Door Mass	N/A
Fire Resistance	B
Safety	0
Corrosion Resistance	5
Security	0
Type of operation	A

Finishes

See page 148 for more detail

**SE**
Silver**PNP**
Polished Nickel**SNP**
Satin Nickel**PB**
Polished Brass**WH**
White

Description	Finish	Re-order Code	Product Code	Box Qty
Lever Handles	Silver	10962	RH.RLB.SE	10
	Polished Nickel	10830	RH.RLB.PNP	10
	Satin Nickel	10835	RH.RLB.SNP	10
	Polished Brass	10832	RH.RLB.PB	10
	White	10833	RH.RLB.WH	10



Door Viewer



Guarantee

Rutland fire and security tested Door viewers are safety critical morticed components of the front entrance fire door. From a security aspect, the wide-angle viewer is used to check who is the other side of an apartment door before opening. From a fire safety perspective they are fire and smoke tested to the requirements of TS002:2009.

Product Features

Adjustable for Door thickness 41 to 74mm	✓
Wide angle vision 140°	✓
Supplied with pre-applied intumescent as standard	✓
Privacy cover	✓
Core diameter 14mm dia	✓
Mortice cut 18mm dia	✓

Compliance - Certification & Testing

Tested to DHF TS002:2009	✓
Fire tested BS EN 1634-1-1*	✓
Smoke tested BS EN 1634-1-3*	✓
Corrosion resistance BS EN 1670	Grade 5
Police Secured by Design (SBD) Preferred Specification	✓

*Tested as named component in Timber Doorset
**Door viewer to be ordered separately

TS 002 : 2009 Classification

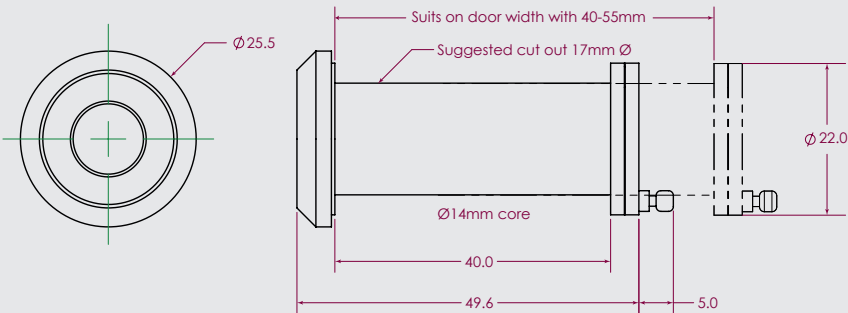
Category of use	N/A
Durability	N/A
Door Mass	N/A
Fire Resistance	B
Safety	N/A
Corrosion Resistance	5
Security	1
Type of operation	41/74

Finishes

See page 148 for more detail



Description	Finish	Re-order Code	Product Code	Box Qty
Door Viewer	Polished Nickel	10827	RH.DV.PNP	150
	Satin Nickel	10828	RH.DV.SNP	150
	Polished Brass	10829	RH.DV.PB	150



Door Knocker With Viewer



Guarantee



Rutland Door Knocker with Viewer hole has been through dual testing from fire through to repeated opening and closing using Rutland TS002 RH.DV Door Viewer*. Comes with matching colour fixing screws providing more durable hold than self-adhesive door knockers.

Product Features

Victorian urn design	✓
Colour matched fixings	✓
10 year guarantee	✓

Compliance - Certification & Testing

TS 002:2009	✓
Fire tested to BS EN 1634-1-1*	✓
Smoke tested BS EN 1634-1-3*	✓
Weather tested to BS 6375-1*	✓
Repeated opening & Closing BS6375-2*	✓
Corrosion tested to BS EN 1670	Grade 5

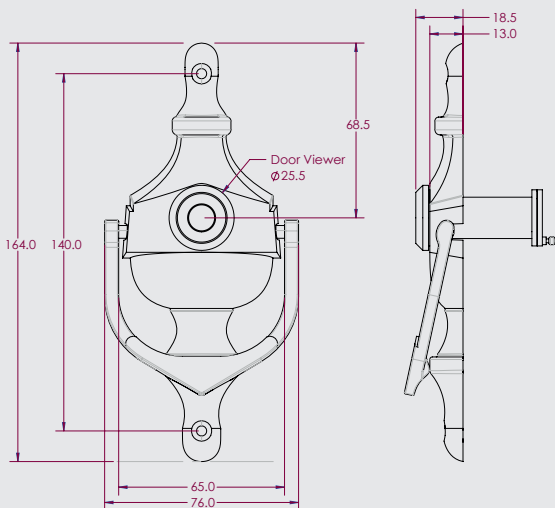
*Tested as named component in Timber Doorset

Finishes

See page 148 for more detail



Description	Finish	Re-order Code	Product Code	Box Qty
Door Knocker with Viewer	Polished Nickel	10826	RH.DKDV.PNP	60
	Satin Nickel	12694	RH.DKDV.SNP	60
	Polished Brass	12695	RH.DKDV.PB	60



Door Knocker



Guarantee



Rutland door knocker is a classic urn door knocker that has been through dual testing from fire through to repeated opening and closing. Comes with matching colour fixing screws providing more durable hold than self-adhesive door knockers.

Product Features

Victorian urn design	✓
Colour matched fixings	✓
10 year guarantee	✓


Compliance - Certification & Testing

Fire tested to BS EN 1634-1-1*	✓
Smoke tested BS EN 1634-1-3*	✓
Weather tested to BS 6375-1*	✓
Corrosion tested to BS EN 1670	Grade 5


*Tested as named component in Timber Doorset

Finishes


See page 148 for more detail



PNP
Polished Nickel



SNP
Satin Nickel

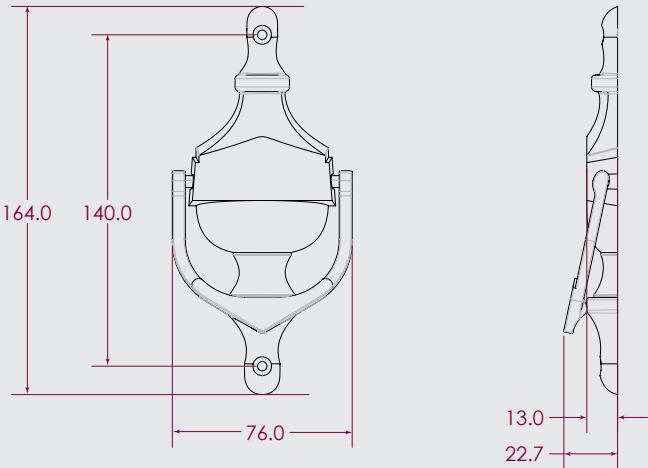


PB
Polished Brass



WH
White

Description	Finish	Re-order Code	Product Code	Box Qty
Door Knocker	Polished Nickel	10803	RH.DK.PNP	100
	Satin Nickel	10823	RH.DK.SNP	100
	Polished Brass	10824	RH.DK.PB	100
	White	10825	RH.DK.WH	100



Heavy Duty Door Chain



TS003:2012



PAS24



Guarantee



FD30 Pending



Rutland heavy duty TS003 door chain is made form steel and enables you to identify a visitor before the door is fully released. Pull strength exceeds 200kg (2kN) force.

Product Features

Easy to install	✓
Easy to use	✓
Material	Steel
Suitable for timber doorsets	✓
Restraint against forced attack	✓
Pull strength	200kg (2kN)

Compliance - Certification & Testing

BS EN 1634-1-1 fire tested*	✓
BS EN 1634-1-3 smoke tested*	✓
TS 003:2012 (tested in accordance with)	✓
SBD (Secured by Design)	✓
FD30 tested	✓

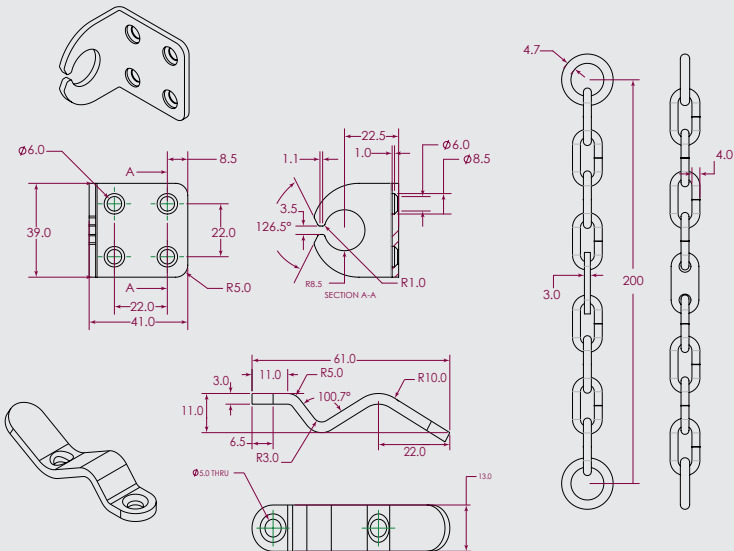
*Tested as named component on timber doorset

Finishes

See page 148 for more detail



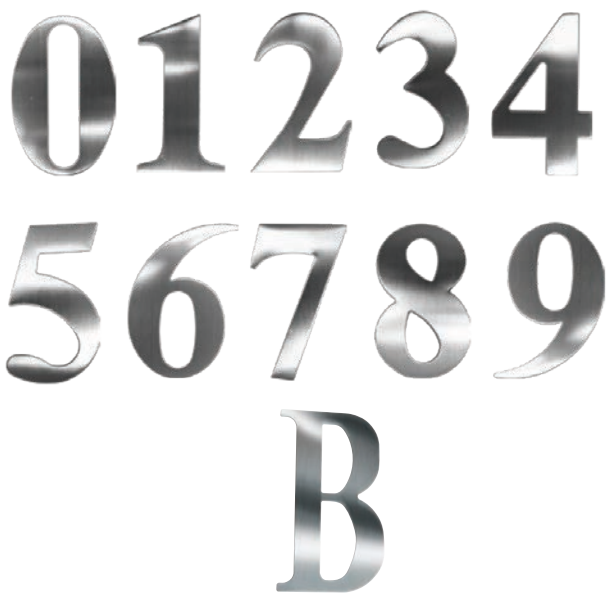
Description	Finish	Re-order Code	Product Code	Box Qty
Heavy Duty Door Chain	Polished Nickel	10821	RH.SC.PNP	10
	Satin Nickel	10847	RH.SC.SNP	10
	Polish Brass	10848	RH.SC.PB	10



Door Numerals & Letters



Guarantee



Rutland 75mm Door numerals and letters can be an important way to identify properties both for visitors, emergency services, but also for traceability in identification records, fire door installation, maintenance and repair.

Product Features

Stainless steel	✓
Height	75mm
Thickness	0.6mm
Self-adhesive for easy application	✓
Font	Times Roman
A-G	✓
0-9	✓
10 year guarantee on finishes	✓

Compliance - Certification & Testing

Corrosion resistance BS EN 1670	480 Hours, Grade 5
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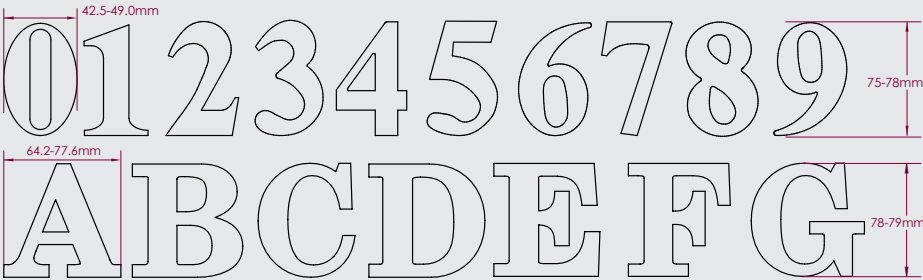
Finishes

See page 148 for more detail



Polished Nickel

Number	Re-order Code	Product Code	Box Qty	Letter	Re-order Code	Product Code	Box Qty
0	10804	RH.DNSA.0.PNP	10	A	10814	RH.DLSA.A.PNP	10
1	10805	RH.DNSA.1.PNP	10	B	10815	RH.DLSA.B.PNP	10
2	10806	RH.DNSA.2.PNP	10	C	10816	RH.DLSA.C.PNP	10
3	10807	RH.DNSA.3.PNP	10	D	10817	RH.DLSA.D.PNP	10
4	10808	RH.DNSA.4.PNP	10	E	10818	RH.DLSA.E.PNP	10
5	10809	RH.DNSA.5.PNP	10	F	10819	RH.DLSA.F.PNP	10
6	10810	RH.DNSA.6.PNP	10	G	10820	RH.DLSA.G.PNP	10
7	10811	RH.DNSA.7.PNP	10				
8	10812	RH.DNSA.8.PNP	10				
9	10813	RH.DNSA.9.PNP	10				



TS007 3 Star Cylinders



Guarantee

Introducing Rutland's 3* Cylinders: tested to the latest TS 007-1:2024, this product features anti-pick pins and a 6-pin system.



Product Features

Restricted key profile c/w 5 pin side bar	✓
6 pin system	✓
Anti-pick pins	✓
Drill protection in cylinder body and core	✓
Keyed alike options	✓
Wide range of cylinder types and sizes	✓

Compliance - Certification & Testing

EN1303:2015	✓
EN 1634-1	✓
EN 15804 EPD available	o
TS007-1: 2024 BSI Kitemark 3* cylinder SS312:2024 Diamond	✓

Finishes

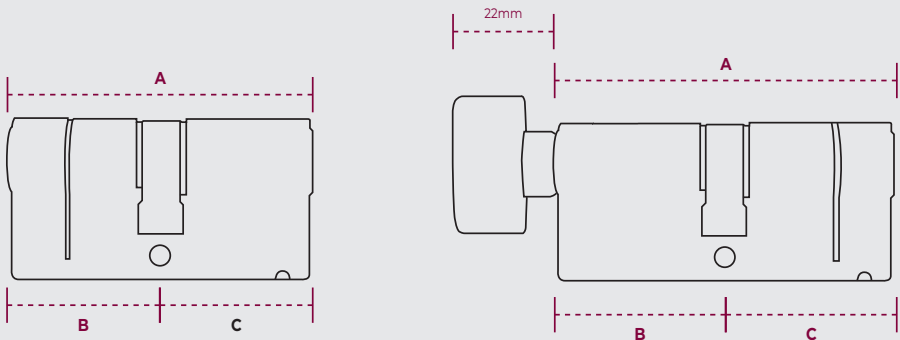
See page 148 for more detail



SS

Satin Stainless

Description	Product Code
35/35 TS 007-1:2024 3 Star KM Double Keyed Cylinder	LL1340.SS
40/35 TS 007-1:2024 3 Star KM Double Keyed Cylinder	LL1341.SS
40/40 TS 007-1:2024 3 Star KM Double Keyed Cylinder	LL1342.SS
40/45 TS 007-1:2024 3 Star KM Double Keyed Cylinder	LL1343.SS
45/45 TS 007-1:2024 3 Star KM Double Keyed Cylinder	LL1344.SS
35/35 TS 007-1:2024 3 Star KM Key & Turn Cylinder	LL1333.SS
40/35 TS 007-1:2024 3 Star KM Key & Turn Cylinder	LL1335.SS
40/40 TS 007-1:2024 3 Star KM Key & Turn Cylinder	LL1334.SS
40/45 TS 007-1:2024 3 Star KM Key & Turn Cylinder	LL1336.SS
45/45 TS 007-1:2024 3 Star KM Key & Turn Cylinder	LL1337.SS





SPÄRKA®



RUTLAND

Fire Door Hardware

Here is your handy check list to ensure you have everything you need when buying **SPÄRKA** fire door hardware from Rutland...

.....



Intumescent Seals



Fire Door Grade 3 Hinges + Intumescent Hinge Pads



Signage e.g FDKS sign



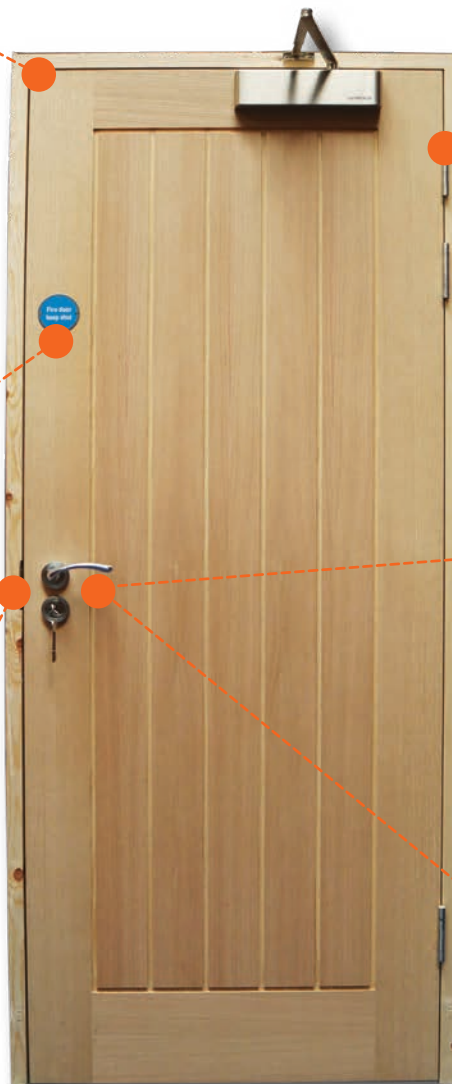
Lever on Rose Handle or Pull Handle/Push Plate



Mortice Latch / Sashlock or Deadlock + Intumescent latch/lock protection



Escutcheons/ Bathroom Thumbturn



Otto Premium Handle, Lever on Round Rose

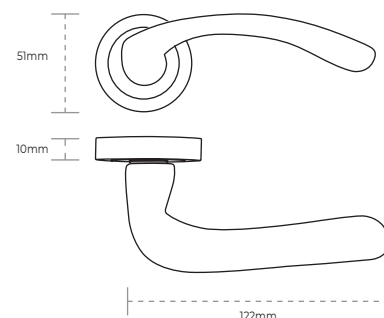


The SPÄRKA Otto premium lever on rose handle is well known for its ease of operation and simple clean lines. This well balanced and stylish handle compliments any door opening.

It comes with face fitting and bolt through fixings ensuring your door handle, once fitted is held for ever. Bolt through fixings included. Finished in Satin Chrome or Polished Chrome.

Product Code	Size	Finish	Package Type	Qty
HA1411.SCP	51mm	Satin Chrome	Retail Bag	1 Pair
HA1410.SCP	51mm	Satin Chrome	Trade Packed	1 Pair
HA1411.PCP	51mm	Polished Chrome	Retail Bag	1 Pair
HA1410.PCP	51mm	Polished Chrome	Trade Packed	1 Pair

TECHNICAL



BS EN 1906:2012

KEY FEATURES:

- Pair of lever handles on round rose.
- Sprung, for use with standard duty latches.
- To suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire Tested FD30/ 60 minutes
- Supplied with fixings.

Hugo Premium Handle, Lever on Round Rose

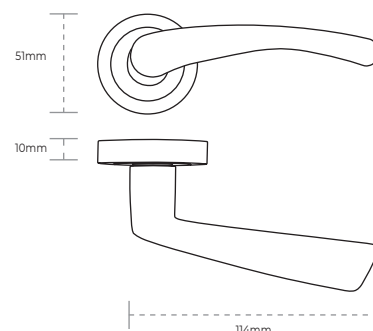


Designed from the inside out the SPÄRKA Hugo premium lever on rose handle is a classic for now and for ever. The ergonomic design ensures a very natural human touch making it feel more like an extension to your hand.

Bolt through fixings included. Finished in Satin Chrome or Polished Chrome.

Product Code	Size	Finish	Package Type	Qty
HA1413.SCP	51mm	Satin Chrome	Retail Bag	1 Pair
HA1412.SCP	51mm	Satin Chrome	Trade Packed	1 Pair
HA1413.PCP	51mm	Polished Chrome	Retail Bag	1 Pair
HA1412.PCP	51mm	Polished Chrome	Trade Packed	1 Pair

TECHNICAL



BS EN 1906:2012

KEY FEATURES:

- Pair of lever handles on round rose.
- Sprung, for use with standard duty latches.
- To suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire Tested FD30/ 60 minutes
- Supplied with fixings.

Axel Premium Handle, Lever on Round Rose



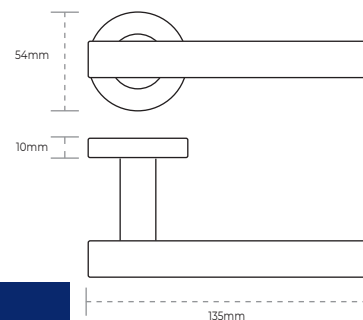
This classic lever on rose handle brings out the true character of the SPÄRKA range of premium door handles.

Designed with ease and speed of fitting, making it the joiner's choice on site and the architects preference from the beginning.

Bolt through fixings included. Finished in Satin Stainless Steel.

Product Code	Size	Finish	Package Type	Qty
HA1415.SSS	54mm	Satin Stainless Steel	Retail Bag	1 Pair
HA1414.SSS	54mm	Satin Stainless Steel	Trade Packed	1 Pair

TECHNICAL



BS EN 1906:2012

KEY FEATURES:

- Pair of lever handles on round rose
- Sprung, for use with standard duty latches
- To suit doors up to 44mm thick
- Manufactured from Stainless Steel Grade 304 with brass spindle housing, making it strong and durable
- Tested to EN1906 to Grade 3
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire Tested FD30/ 60 minutes
- Supplied with all fixings, including concealed bolt-through fixings to ensure a strong installation that won't come loose over time
- Low maintenance finish

Alvit Premium Handle, Lever on Round Rose



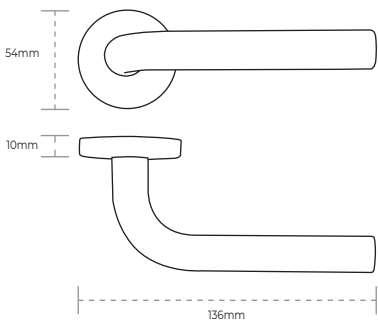
Satin Stainless Steel

The SPÄRKA Alvit Premium Handle, Lever on Round Rose is ideal for interior and exterior doors.

Bolt through fixings included. 19mm Dia. Straight lever on Round Rose blends in with all modern and contemporary designs with it's clean simple lines. Finished in Satin Stainless Steel.

Product Code	Size	Finish	Package Type	Qty
HAI421.SSS	54mm	Satin Stainless Steel	Retail Bag	1 Pair
HAI416.SSS	54mm	Satin Stainless Steel	Trade Packed	1 Pair

TECHNICAL



KEY FEATURES:

- Pair of lever handles on round rose
- Sprung, for use with standard duty latches
- To suit doors up to 44mm thick
- Manufactured from Stainless Steel Grade 304 with brass spindle housing, making it strong and durable
- Tested to EN1906 to Grade 3
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire Tested FD30/ 60 minutes
- Supplied with all fixings, including concealed bolt-through fixings to ensure a strong installation that won't come loose over time
- Low maintenance finish

Jennie Premium Handle, Lever on Round Rose



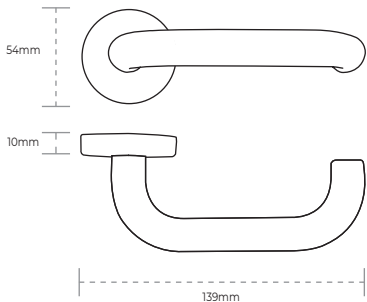
Satin Stainless Steel

The SPÄRKA Jennie Premium Handle, Lever on Round Rose is ideal for interior and exterior doors.

Bolt through fixings included. 19mm Dia. Lever on Round Rose. This handle is a return to door design which makes this handle easier to grip, helps to reduce catching clothes and compliant with BS8300 / Equality Act. Ideal for use in the work environment, housing and public buildings.Finished in Satin Stainless Steel.

Product Code	Size	Finish	Package Type	Qty
HAI422.SSS	54mm	Satin Stainless Steel	Retail Bag	1 Pair
HAI417.SSS	54mm	Satin Stainless Steel	Trade Packed	1 Pair

TECHNICAL



KEY FEATURES:

- Pair of lever handles on round rose
- Sprung, for use with standard duty latches
- To suit doors up to 44mm thick
- Manufactured from Stainless Steel Grade 304 with brass spindle housing, making it strong and durable
- Tested to EN1906 to Grade 3
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire Tested FD30/ 60 minutes
- Supplied with all fixings, including concealed bolt-through fixings to ensure a strong installation that won't come loose over time
- Low maintenance finish
- Return to Door handle that helps to assist BS8300 / Equality Act - ideal for public buildings

Duane Premium Handle, Lever on Round Rose



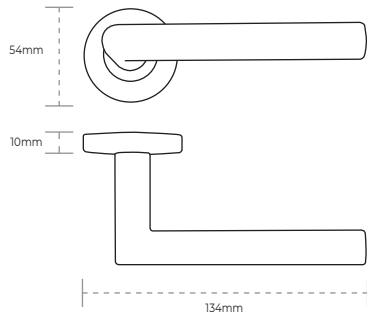
Satin Stainless Steel

The SPÄRKA Duane Premium Handle, Lever on Round Rose is ideal for interior and exterior doors.

Bolt through fixings included. 19mm Dia Mitred Lever on Round Rose, always looks classic on a door and enhances the finish. Finished in Satin Stainless Steel.

Product Code	Size	Finish	Package Type	Qty
HAI423.SSS	54mm	Satin Stainless Steel	Retail Bag	1 Pair
HAI418.SSS	54mm	Satin Stainless Steel	Trade Packed	1 Pair

TECHNICAL



KEY FEATURES:

- Pair of lever handles on round rose
- Sprung, for use with standard duty latches
- To suit doors up to 44mm thick
- Manufactured from Stainless Steel Grade 304 with brass spindle housing, making it strong and durable
- Tested to EN1906 to Grade 3
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire Tested FD30/ 60 minutes
- Supplied with all fixings, including concealed bolt-through fixings to ensure a strong installation that won't come loose over time
- Low maintenance finish

Tova Premium Handle, Lever on Round Rose



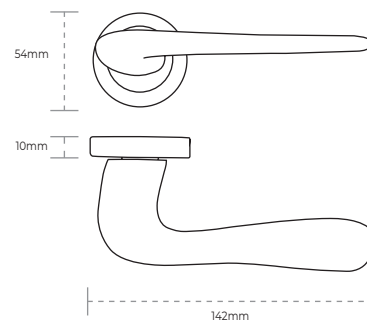
Satin Chrome

The SPÄRKA Tova Premium Handle, is a flat Lever on Round Rose with a flare, making it easy to operate, and always makes a talking point for the user and occupier. Lever on Round Rose is ideal for interior doors.

Bolt through fixings included. Finished in Satin Chrome.

Product Code	Size	Finish	Package Type	Qty
HAI424.SCP	54mm	Satin Chrome	Retail Bag	1 Pair
HAI419.SCP	54mm	Satin Chrome	Trade Packed	1 Pair

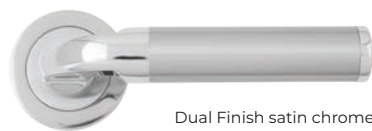
TECHNICAL



KEY FEATURES:

- Pair of lever handles on round rose
- Sprung, for use with standard duty latches
- To suit doors up to 44mm thick
- 8mm square spindle included for lever operation
- Material Zinc alloy
- Tested to EN1906 to Grade 3
- 100 Hours salt spray tested as per ASTM B117:2016
- Fire Tested FD30/ 60 minutes
- Supplied with all fixings, including concealed bolt-through fixings to ensure a strong installation that won't come loose over time

Brita Premium Handle, Lever on Round Rose



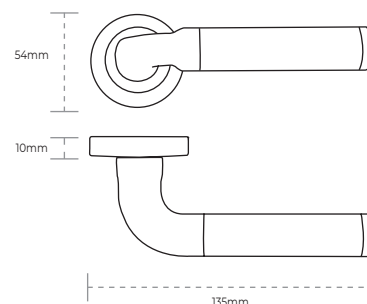
Dual Finish satin chrome and polished chrome

The SPÄRKA Brita Premium Handle, Lever on Round Rose is ideal for interior doors.

Bolt through fixings included dual finish Lever on Round Rose brings modern and contemporary together. Out standing in it's view, long lasting, and hard wearing, making it a well sort after by the design and interior fit out specifiers. Dual finish handle in Satin Chrome and Polished Chrome.

Product Code	Size	Finish	Package Type
HAI425.SCP	54mm	Satin & Polished Chrome	Retail Bag
HAI420.SCP	54mm	Satin & Polished Chrome	Trade Packed

TECHNICAL

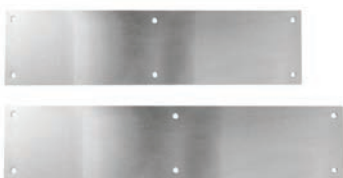


KEY FEATURES:

- Pair of lever handles on round rose
- Sprung, for use with standard duty latches
- To suit doors up to 44mm thick
- 8mm square spindle included for lever operation
- Material Zinc alloy
- Tested to EN1906 to Grade 3
- 100 Hours salt spray tested as per ASTM B117:2016
- Fire Tested FD30/ 60 minutes
- Supplied with all fixings, including concealed bolt-through fixings to ensure a strong installation that won't come loose over time

Kick Plates

CUSTOM SIZES AVAILABLE TO ORDER



The SPÄRKA kick plates are suitable for commercial and domestic use. Comes in a satin stainless steel finish making it aesthetically pleasing and enhances product durability. Supplied with all the fixings.

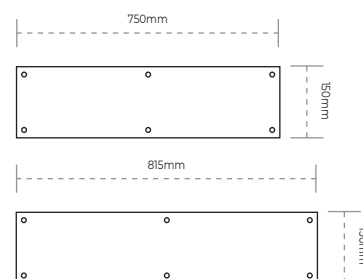
KEY FEATURES:

- Plain kick plate
- Drilled and countersunk for fast and secure installation, with fixings included
- Made from Stainless Steel - highly durable and easy to keep clean

Product Code	Size	Finish	Package Type	Qty
PP1016.SSS	750mm x 150mm	Satin Stainless Steel	Retail Bag	1
PP1012.SSS	750mm x 150mm	Satin Stainless Steel	Trade Packed	1
PP1017.SSS	815mm x 150mm	Satin Stainless Steel	Retail Bag	1
PP1013.SSS	815mm x 150mm	Satin Stainless Steel	Trade Packed	1



TECHNICAL



Pull Handle



SPÄRKA 19mm Diameter Pull Handle, Supplied with bolt through fixings and is available with 225mm or 300mm centres.

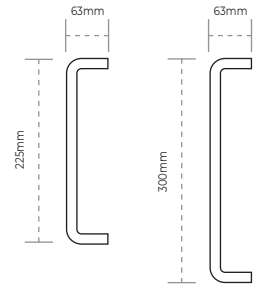
KEY FEATURES:

- Manufactured from Stainless Steel Grade 304 with brass spindle housing, making it strong and durable
- Bolt-through fixing, improves aesthetics and provides a robust fixing
- Suits doors upto 55mm thick
- Ideal for high traffic environments

Product Code	Size	Finish	Package Type	Qty
HA1612.SSS	19mmØ 225mm Centres	Satin Stainless Steel	Retail Box	1
HA1610.SSS	19mmØ 225mm Centres	Satin Stainless Steel	Trade Packed	1
HA1613.SSS	19mmØ 300mm Centres	Satin Stainless Steel	Retail Box	1
HA1611.SSS	19mmØ 300mm Centres	Satin Stainless Steel	Trade Packed	1



TECHNICAL



Push Plate

CUSTOM SIZES AVAILABLE TO ORDER



SPÄRKA push plates are installed on doors that require you to push the door open. This push plate helps to enhance the door, provides protection of the door from finger prints and also covers up the fixings of bolt through pull handles that would be typically installed on the reverse side.

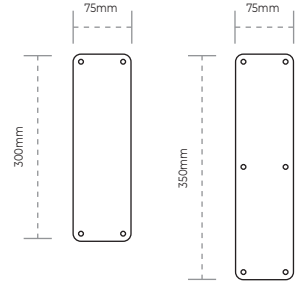
KEY FEATURES:

- Plain push plate
- Drilled and countersunk for fast and secure installation, with fixings included
- Radius corners for a smoother and more aesthetically pleasing solution
- Made from Stainless Steel - highly durable and easy to keep clean

Product Code	Size	Finish	Package Type	Qty
PPI014.SSS	300 x 75mm	Satin Stainless Steel	Retail Bag	1
PPI010.SSS	300 x 75mm	Satin Stainless Steel	Trade Packed	1
PPI015.SSS	350 x 75mm	Satin Stainless Steel	Retail Bag	1
PPI011.SSS	350 x 75mm	Satin Stainless Steel	Trade Packed	1



TECHNICAL



Push Plate & Pull Handle Door Pack



The SPÄRKA push plate & pull handle door pack is suitable for commercial and domestic use. Comes in a satin stainless steel finish making it aesthetically pleasing and enhances product durability. Supplied with all the fixings.

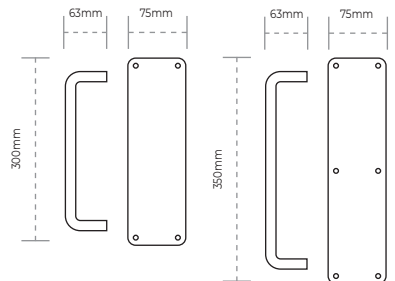
KEY FEATURES:

- Push Plate & Pull Handle packed together ensuring you have complementing products for a perfect installation, consistent matching finish for improved aesthetics and easy ordering

Product Code	Size	Finish	Package Type	Qty
DP1110.SSS	Pull Handle 19mmØ 225mm Centres / Push Plate 300 x 75mm	Satin Stainless Steel	Retail Box	1
DP1111.SSS	Pull Handle 19mmØ 300mm Centres / Push Plate 350 x 75mm	Satin Stainless Steel	Retail Box	1



TECHNICAL



Latch and Hinge Door Pack 67mm Latch and 76mm Hinges

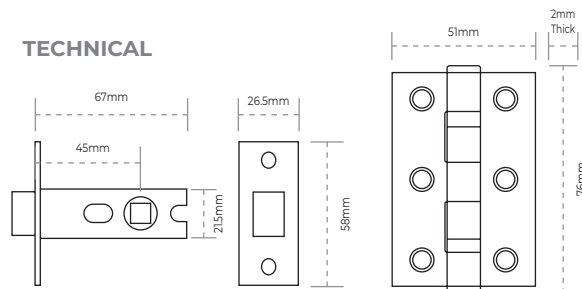


The SPÄRKA latch & hinge door pack is suitable for domestic or commercial projects making it faster and easier to choose the right handle with the door pack.

Comes with 2 x Grade 7 ball bearing hinges for doors up to 40Kg in weight, available in a Satin Chrome and Polished Chrome finish, supplied with all fixings.

Product Code	Size	Intumescent	Finish	Package Type	Qty
DP1010.SCP	67mm / 2.5" Tubular Latch & 76mm / 3" Hinge	No	Satin Chrome	Retail Box	1 Pack
DP1023.SCP	67mm / 2.5" Tubular Latch & 76mm / 3" Hinge	Yes	Satin Chrome	Retail Box	1 Pack
DP1010.PCP	67mm / 2.5" Tubular Latch & 76mm / 3" Hinge	No	Polished Chrome	Retail Box	1 Pack
DP1016.PCP	67mm / 2.5" Tubular Latch & 76mm / 3" Hinge	Yes	Polished Chrome	Retail Box	1 Pack

TECHNICAL



BS EN 1935:2002, BS EN 12209:2016



Latch and Hinge Door Pack 76mm Latch and 102mm Hinges

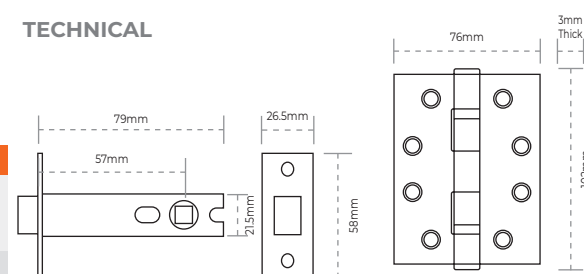


The SPÄRKA latch & hinge door pack is suitable for domestic or commercial projects making it faster and easier to choose the right handle with the door pack.

Comes with 3 x Grade 13 Ball Bearing hinges for doors up to 120Kg in weight, available in a Satin Chrome and Polished Chrome finish. Supplied with all fixings.

Product Code	Size	Intumescent	Finish	Package Type	Qty
DP1011.SCP	79mm / 3" Tubular Latch & 102mm / 4" Hinge	No	Satin Chrome	Retail Box	1 Pack
DP1018.SCP	79mm / 3" Tubular Latch & 102mm / 4" Hinge	Yes	Satin Chrome	Retail Box	1 Pack
DP1011.PCP	79mm / 3" Tubular Latch & 102mm / 4" Hinge	No	Polished Chrome	Retail Box	1 Pack
DP1017.PCP	79mm / 3" Tubular Latch & 102mm / 4" Hinge	Yes	Polished Chrome	Retail Box	1 Pack

TECHNICAL



BS EN 1935:2002, BS EN 12209:2016



3-lever Sashlock & Hinge Door Pack 65mm Lock and 76mm Hinges

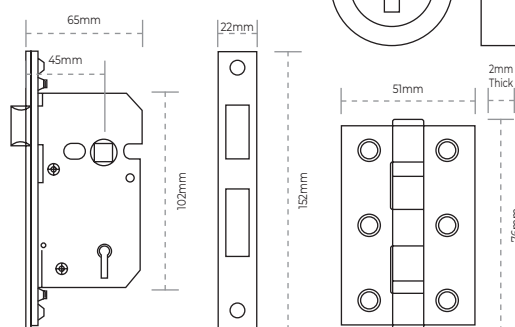


The SPÄRKA 3 lever sashlock and hinge door pack is suitable for domestic or commercial projects making it faster and easier to choose the right handle with the right lock set. Comes complete with 1 x pair of escutcheons and 2 x Grade 7 ball bearing hinges for doors up to 40Kg in weight, available in a Satin Chrome or Polished Chrome finish, supplied with all fixings.

Product Code	Size	Intumescent	Finish	Package Type	Qty
DP1014.SCP	65mm / 2.5" 3 Lever Sashlock & 76mm / 3" Hinge	No	Satin Chrome	Retail Box	1 Pack
DP1020.SCP	65mm / 2.5" 3 Lever Sashlock & 76mm / 3" Hinge	Yes	Satin Chrome	Retail Box	1 Pack
DP1014.PCP	65mm / 2.5" 3 Lever Sashlock & 76mm / 3" Hinge	No	Polished Chrome	Retail Box	1 Pack
DP1024.PCP	65mm / 2.5" 3 Lever Sashlock & 76mm / 3" Hinge	Yes	Polished Chrome	Retail Box	1 Pack



TECHNICAL



BS EN 1935:2002, BS EN 12209:2016



3-lever Sashlock & Hinge Door Pack 72mm Lock and 102mm Hinges

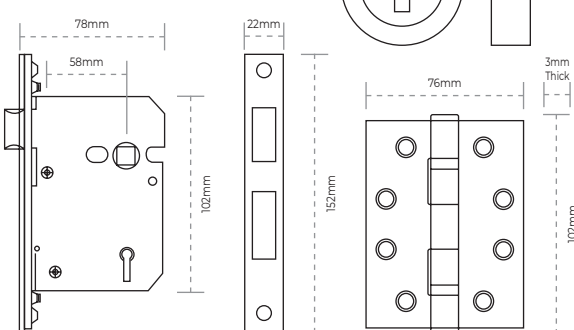


The SPÄRKA 3-lever sashlock and hinge door pack is suitable for domestic or commercial projects making it faster and easier to choose the right handle with the right lock set. Comes complete with 1 x pair of escutcheons and 3 x Grade 13 Ball Bearing hinges for doors up to 120Kg in weight, available in a Satin Chrome and Polished Chrome finish, supplied with all fixings.

Product Code	Size	Intumescent	Finish	Package Type	Qty
DP1015.SCP	78mm / 3" 3 Lever Sashlock & 102mm / 4" Hinge	No	Satin Chrome	Retail Box	1 Pack
DP1022.SCP	78mm / 3" 3 Lever Sashlock & 102mm / 4" Hinge	Yes	Satin Chrome	Retail Box	1 Pack
DP1015.PCP	78mm / 3" 3 Lever Sashlock & 102mm / 4" Hinge	No	Polished Chrome	Retail Box	1 Pack
DP1021.PCP	78mm / 3" 3 Lever Sashlock & 102mm / 4" Hinge	Yes	Polished Chrome	Retail Box	1 Pack



TECHNICAL



BS EN 12209:2016, BS EN 1935:2002



Bathroom Lock & Hinge Door Pack 65mm Latch and 76mm Hinges

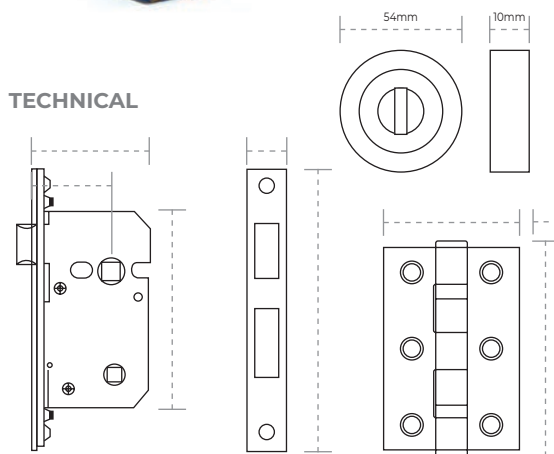


The SPÄRKA bathroom lock and hinge door pack is suitable for domestic or commercial projects making it faster and easier to choose the right handle with the right Bathroom lock and thumb turn set.

Comes complete with all fixings, available in a Satin Chrome or Polished Chrome finish. Comes with Grade 7 ball bearing hinges suitable for doors up to 40Kg in weight.



TECHNICAL



Product Code	Size	Finish	Package Type	Qty
DP1012.SCP	65mm / 2.5" Latch & 76mm / 3" Hinges	Satin Chrome	Retail Box	1 Pack
DP1012.PCP	65mm / 2.5" Latch & 76mm / 3" Hinges	Polished Chrome	Retail Box	1 Pack

BS EN 1935:2002, BS EN 12209:2016

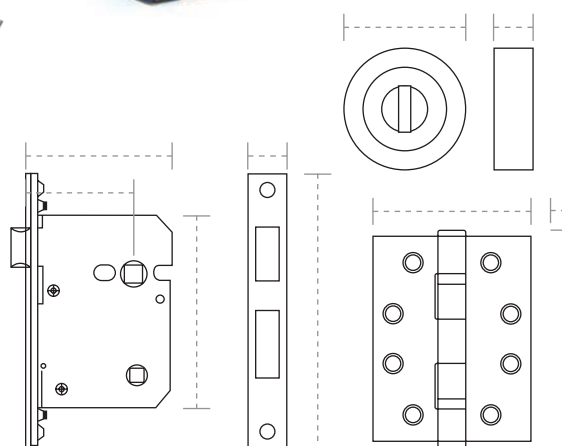


Bathroom Lock & Hinge Door Pack 78mm Latch and 102mm Hinges



The SPÄRKA bathroom lock and hinge door pack is suitable for domestic or commercial projects making it faster and easier to choose the right handle with the right Bathroom lock and thumb turn set.

Comes complete with all fixings, available in a Satin Chrome or Polished Chrome finish. Comes with 3 x Grade 13 ball bearing hinges suitable for doors up to 120Kg in weight.



Product Code	Size	Intumescent	Finish	Package Type	Qty
DP1013.SCP	78mm / 3" Lock & 102mm / 4" Hinge	No	Satin Chrome	Retail Box	1 Pack
DP1019.SCP	78mm / 3" Lock & 102mm / 4" Hinge	Yes	Satin Chrome	Retail Box	1 Pack
DP1013.PCP	78mm / 3" Lock & 102mm / 4" Hinge	No	Polished Chrome	Retail Box	1 Pack

BS EN 1935:2002, BS EN 12209:2016



Fire Door Pack - Corridor



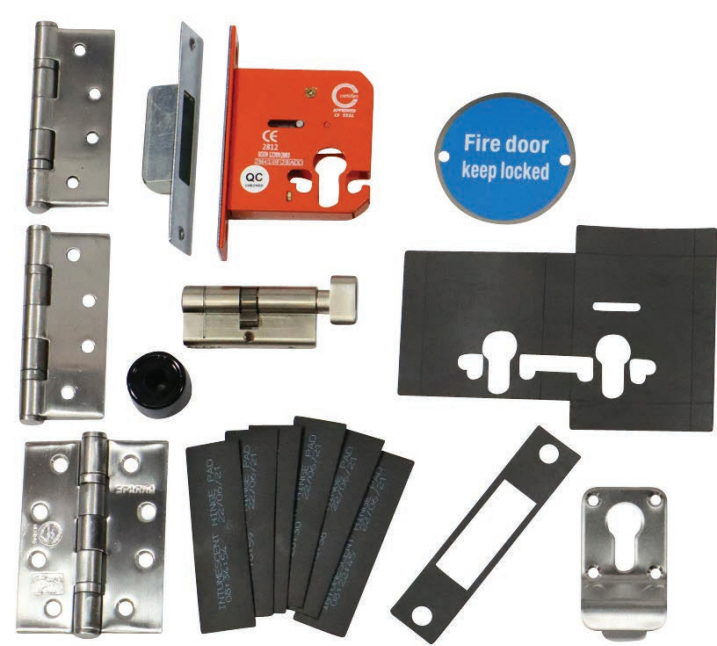
The SPÄRKA fire door packs make it simpler and quicker for builders to select the right products.

These door packs are compliant, compatible and fire tested to meet and exceed the industry requirements. Typically used in commercial buildings and social housing.

Product Code	Description	Finish	Package Type	Qty
DP1210.SSS	Fire Door Pack - Corridor (Non-locking) FD30, 3 x Hinges with Intumescent, TS.3204 Door Closer, Push Plate and Pull Handle, 2 x FDKS Sign, 1 x Door Stop	Satin Stainless Steel	Trade Boxed	1 Pack
DP1211.SSS	Fire Door Pack - Corridor (Locking) FD30, 3 x Hinges with Intumescent, TS.3204 Door Closer, Euro Deadlock with Intumescent, Euro Cylinder & Turn, Euro Escutcheons, Push Plate and Pull Handle, 2 x FDKS Sign, 1 x Door Stop	Satin Stainless Steel	Trade Boxed	1 Pack



Fire Door Pack - Cupboard/ Riser Door



Product Code	Description	Finish	Package Type	Qty
DP1212.SSS	Fire Door Pack - Cupboard/ Riser Door Deadlocking FD30, 3 x Hinges with Intumescent, Euro Deadlock & Intumescent, Euro Cyl & Turn, Euro Cylinder Pull, 1 x FDKL Sign, 1 x Door Stop	Satin Stainless Steel	Trade Boxed	1 Pack



Fire Door Pack - Office Door



The SPÄRKA fire door packs make it simpler and quicker for builders to select the right products.

These door packs are compliant, compatible and fire tested to meet and exceed the industry requirements. Typically used in commercial buildings and social housing.

Product Code	Description	Finish	Package Type	Qty
DP1213.SSS	Fire Door Pack - Office Door Latch/Lock FD30, 3 x Hinges with Intumescent, TS.3204 Door Closer, Euro Sashlock & Intumescent, RTD Lever on Rose, Euro Cyl & Turn, Euro Escutcheons, 2 x FDKS Sign, 1 x Door Stop	Satin Stainless Steel	Trade Boxed	1 Pack



Fire Door Pack - Bathroom/Bedroom



Product Code	Description	Finish	Package Type	Qty
DP1214.SSS	Fire Door Pack - Bathroom/Bedroom FD30, 3 x Hinges with Intumescent, TS.3204 Door Closer, Mortice Bathroom Sashlock with Intumescent, Thumb-turn & Release, RTD Lever on Rose Handle, 2 x FDKS Sign, 1 x Door Stop	Satin Stainless Steel	Trade Boxed	1 Pack



Grade 7 Ball Bearing Hinges



Satin Stainless Steel

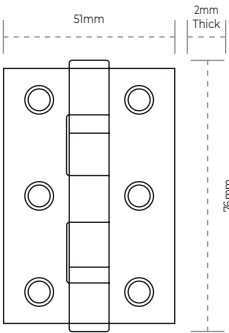
Polished Stainless Steel



Multi-Hinge Pack x12



TECHNICAL



Retail Bag x2

Grade 7 ball bearing hinges are suitable for light and medium weight doors up to 40kg in weight.

All SPARKA hinges are packed with screws for ease of purchase and to get doors hung faster. Ideal when you wish to hang a door prior to fitting all other ironmongery and final door decorations.

Product Code	Size	Intumescent	Finish	Package Type	Qty
HC1014.SSS	76x51x2mm	No	Satin Stainless Steel	Retail Box	12 pack
HC1027.SSS	76x51x2mm	Yes	Satin Stainless Steel	Retail Box	12 pack
HC1015.SSS	76x51x2mm	No	Satin Stainless Steel	Retail Bag	2 pack
HC1028.SSS	76x51x2mm	Yes	Satin Stainless Steel	Retail Bag	2 pack
HC1016.SSS	76x51x2mm	No	Satin Stainless Steel	Trade Packed	Single
HC1016.PSS	76x51x2mm	No	Polished Stainless Steel	Trade Packed	Single

BS EN 1935:2002



Grade 13 Ball Bearing Hinges



Satin Stainless Steel

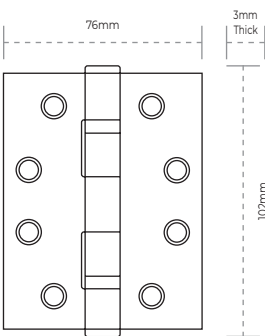
Polished Stainless Steel



Multi-Hinge Pack x12



TECHNICAL



Retail Bag x3

Grade 13 ball bearing hinges are suitable for all heavy and wide doors - including high traffic fire doors. For door weights up to 120kg.

All SPARKA hinges are packed with screws for ease of purchase and to get doors hung faster. Ideal for hanging doors prior to other ironmongery and final door decorations.

Product Code	Size	Intumescent	Finish	Package Type	Qty
HC1012.SSS	102x76x3mm	No	Satin Stainless Steel	Retail Box	12 pack
HC1025.SSS	102x76x3mm	Yes	Satin Stainless Steel	Retail Box	12 pack
HC1013.SSS	102x76x3mm	No	Satin Stainless Steel	Retail Bag	3 pack
HC1026.SSS	102x76x3mm	Yes	Satin Stainless Steel	Retail Bag	3 pack
HC1013.PSS	102x76x3mm	No	Polished Stainless Steel	Retail Bag	3 pack
HC1010.SSS	102x76x3mm	No	Satin Stainless Steel	Trade Packed	Single
HC1010.PSS	102x76x3mm	No	Polished Stainless Steel	Trade Packed	Single

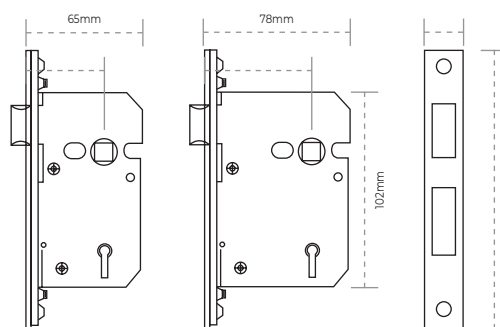
BS EN 1935:2002



3 Lever Sashlock



SPÅRKA fire rated 3 lever mortice sashlocks are ideal for commercial and domestic use.



Product Code	Size	Intumescent	Finish	Package Type	Qty
LL1017.NPL	65mm	No	Nickel Plated	Retail Bag	1
LL1019.NPL	65mm	Yes	Nickel Plated	Retail Bag	1
LL1011.NPL	65mm	No	Nickel Plated	Trade Packed	1
LL1016.NPL	78mm	No	Nickel Plated	Retail Bag	1
LL1018.NPL	78mm	Yes	Nickel Plated	Retail Bag	1
LL1010.NPL	78mm	No	Nickel Plated	Trade Packed	1

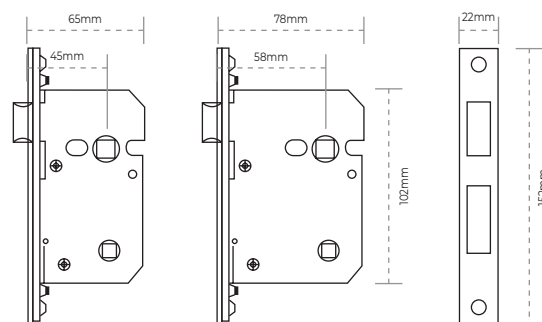
BS EN 12209:2016



Bathroom Sashlock



SPÅRKA fire rated bathroom sashlock is ideal for commercial and domestic use.



Product Code	Size	Intumescent	Finish	Package Type	Qty
LL1215.NPL	65mm	No	Nickel Plated	Retail Bag	1
LL1020.NPL	65mm	Yes	Nickel Plated	Retail Bag	1
LL1211.NPL	65mm	No	Nickel Plated	Trade Packed	1
LL1214.NPL	78mm	No	Nickel Plated	Retail Bag	1
LL1021.NPL	78mm	Yes	Nickel Plated	Retail Bag	1
LL1210.NPL	78mm	No	Nickel Plated	Trade Packed	1

BS EN 12209:2016



5-Lever Sashlock

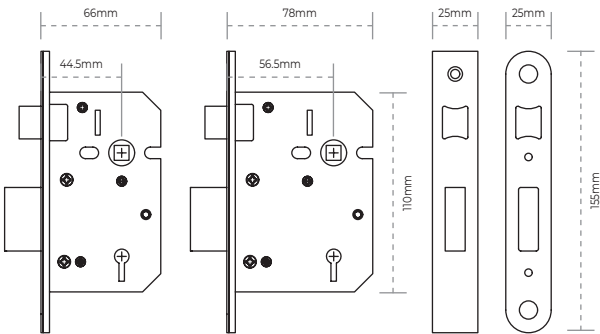


66mm Sashlock

78mm Sashlock

SPÄRKA British Standard 5-Lever Sashlock.

TECHNICAL



Product Code	Size	Intumescent	Finish	Package Type	Qty
LL1122.SSS	66mm	Yes	Satin Stainless Steel	Retail Bag	1
LL1118.SSS	66mm	No	Satin Stainless Steel	Trade Packed	1
LL1123.SSS	78mm	Yes	Satin Stainless Steel	Retail Bag	1
LL1119.SSS	78mm	No	Satin Stainless Steel	Trade Packed	1

BS EN 12209:2016
BS 3621:2007



5-Lever Deadlock

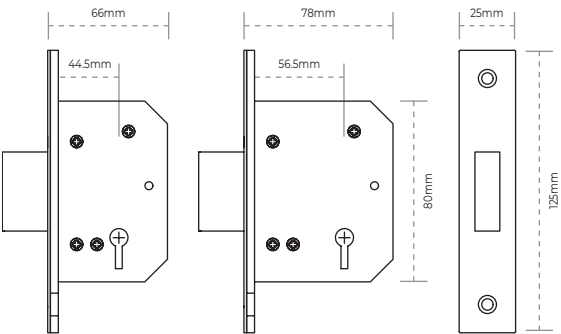


66mm Deadlock

78mm Deadlock

SPÄRKA British Standard 5-Lever Deadlock.

TECHNICAL



Product Code	Size	Intumescent	Finish	Package Type	Qty
LL1124.SSS	66mm	Yes	Satin Stainless Steel	Retail Bag	1
LL1120.SSS	66mm	No	Satin Stainless Steel	Trade Packed	1
LL1125.SSS	78mm	Yes	Satin Stainless Steel	Retail Bag	1
LL1121.SSS	78mm	No	Satin Stainless Steel	Trade Packed	1

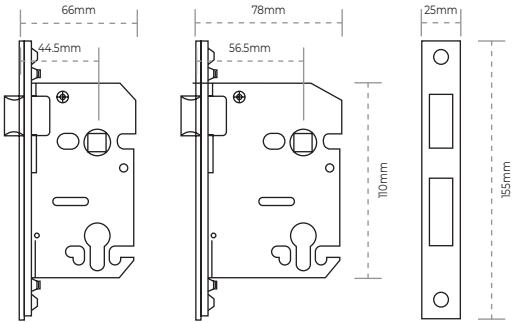
BS EN 12209:2016
BS 3621:2007



Euro Profile Sashlock



SPÄRKA Euro Profile Sashlock.



Product Code	Size	Intumescent	Finish	Package Type	Qty
LL1618.SCP	66mm	No	Satin Chrome	Retail Bag	1
LL1622.SCP	66mm	Yes	Satin Chrome	Retail Bag	1
LL1614.SCP	66mm	No	Satin Chrome	Trade Packed	1
LL1623.SCP	78mm	Yes	Satin Chrome	Retail Bag	1
LL1619.SCP	78mm	No	Satin Chrome	Retail Bag	1
LL1615.SCP	78mm	No	Satin Chrome	Trade Packed	1

BS EN 12209:2016



CF 5845



FD30/60
WOOD

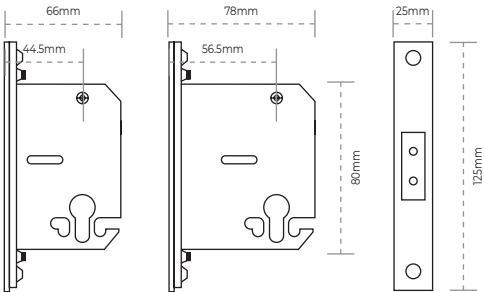




Euro Profile Deadlock



SPÄRKA Euro Profile Deadlock.



Product Code	Size	Intumescent	Finish	Package Type	Qty
LL1620.SCP	66mm	No	Satin Chrome	Retail Bag	1
LL1624.SCP	66mm	Yes	Satin Chrome	Retail Bag	1
LL1616.SCP	66mm	No	Satin Chrome	Trade Packed	1
LL1621.SCP	78mm	No	Satin Chrome	Retail Bag	1
LL1625.SCP	78mm	Yes	Satin Chrome	Retail Bag	1
LL1617.SCP	78mm	No	Satin Chrome	Trade Packed	1

BS EN 12209:2016



CF 5845



FD30/60
WOOD





Din Locks 72mm Centres



KEY FEATURES:

- 72mm centres
- 55mm or 60mm Backset
- Square or Radius Faceplate options
- Easily reversible latch
- Follower is suitable for 8mm square spindle.
- Double throw deadbolt
- Adjustable keep
- Stainless steel strike plate and face plate
- Available with bolt through provision for 38 mm bolt through centre.
- Tested for 200,000 Cycles & Dead Bolt for 50,000 Cycles.
- Operation: Deadbolt operated by Euro Profile Cylinders.

Product Code	Type	Size	Faceplate	Finish	Package Type	Qty
LL1510	Escape	72mm/60mm	Square	Satin Stainless Steel	Trade Packed	1
LL1511	Sashlock	72mm/55mm	Square	Satin Stainless Steel	Trade Packed	1
LL1512	Deadlock	72mm/55mm	Square	Satin Stainless Steel	Trade Packed	1
LL1513	Sashlock	72mm/55mm	Radius	Satin Stainless Steel	Trade Packed	1
LL1514	Deadlock	72mm/55mm	Radius	Satin Stainless Steel	Trade Packed	1

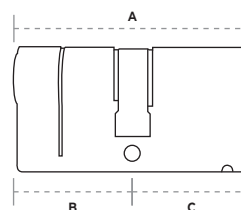
BS EN 12209:2016



Euro Cylinder



TECHNICAL



MORE CYLINDER SIZES AVAILABLE AND MASTER KEY SUITES

SPARKA 5 pin semi-restricted double cylinder. Comes complete with 3 keys.

Product Code	Size A	Size B	Size C	Finish	Package Type	Qty
LL1313.MAS	70mm	35mm	35mm	Matt Satin	Retail Bag	1
LL1311.MAS	70mm	35mm	35mm	Matt Satin	Trade Packed	1

BS EN 1303:2005

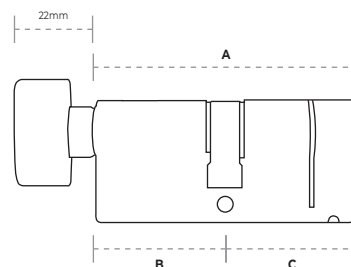
KEY FEATURES:

- Anti-Snap
- Anti-Pick
- Anti-Drill

Euro Cylinder & Turn



TECHNICAL



MORE CYLINDER SIZES AVAILABLE AND MASTER KEY SUITES

SPARKA 5 pin semi-restricted euro cylinder and turn. Comes complete with 3 keys.

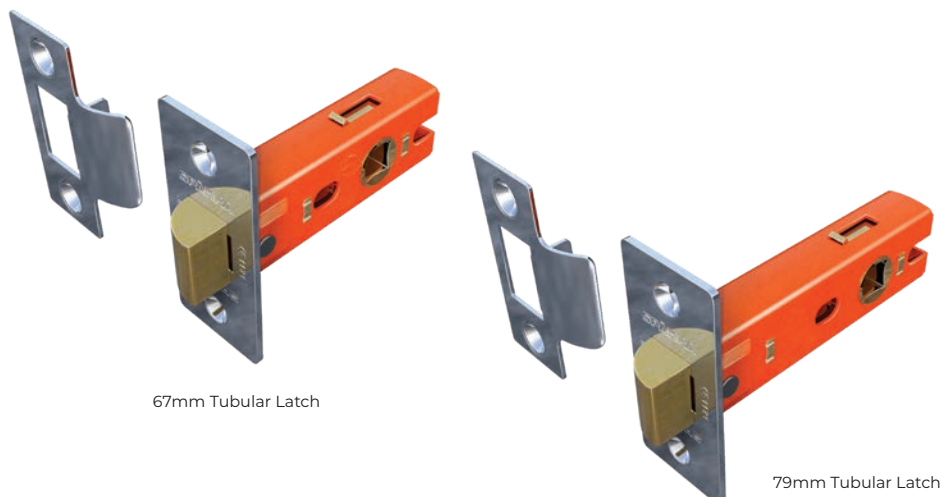
Product Code	Size A	Size B	Size C	Finish	Package Type	Qty
LL1312.MAS	70mm	35mm	35mm	Matt Satin	Retail Bag	1
LL1317.MAS	80mm	40mm	40mm	Matt Satin	Trade Packed	1

BS EN 1303:2005

KEY FEATURES:

- Anti-Snap
- Anti-Pick
- Anti-Drill

Tubular Latch



67mm Tubular Latch

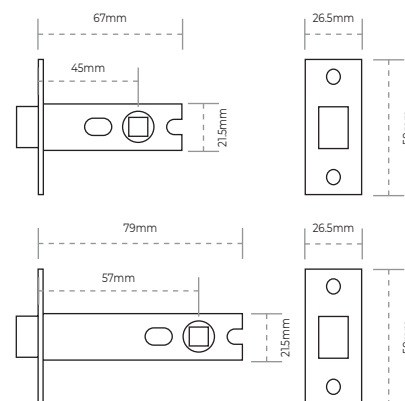
79mm Tubular Latch

SPÄRKA fire rated tubular latches are designed for use with door handles and door knobs. Ideal for commercial and domestic use.

Product Code	Size	Intumescent	Finish	Package Type	Qty
LL2025.NPL	67mm	No	Nickel Plated	Retail Bag	1
LL2010.NPL	67mm	No	Nickel Plated	Trade Packed	1
LL2010.SCP	67mm	No	Satin Chrome	Trade Packed	1
LL2026.NPL	79mm	No	Nickel Plated	Retail Bag	1
LL2033.NPL	79mm	Yes	Nickel Plated	Retail Bag	1
LL2011.NPL	79mm	No	Nickel Plated	Trade Packed	1
LL2011.SCP	79mm	No	Satin Chrome	Trade Packed	1



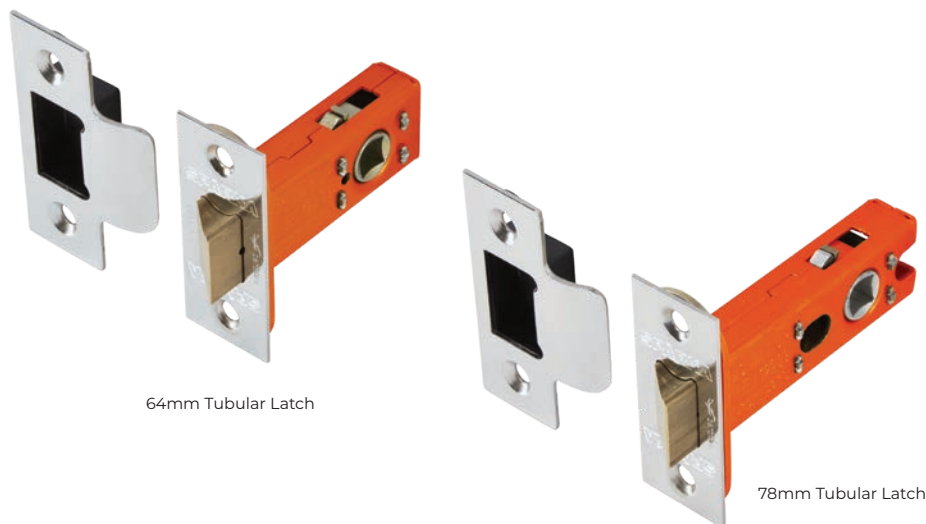
TECHNICAL



BS EN 12209:2016



Heavy Duty Tubular Latch



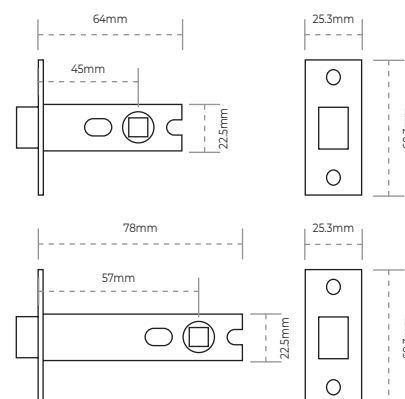
64mm Tubular Latch

78mm Tubular Latch

SPÄRKA heavy duty fire rated Tubular Latch are designed for use with door handles and door knobs.

Product Code	Size	Intumescent	Finish	Package Type	Qty
LL2029.SCP	64mm	No	Satin Chrome	Retail Bag	1
LL2034.SCP	64mm	Yes	Satin Chrome	Retail Bag	1
LL2020.SCP	64mm	No	Satin Chrome	Trade Packed	1
LL2030.SCP	78mm	No	Satin Chrome	Retail Bag	1
LL2035.SCP	78mm	Yes	Satin Chrome	Retail Bag	1
LL2013.SCP	78mm	No	Satin Chrome	Trade Packed	1

TECHNICAL



BS EN 12209:2016



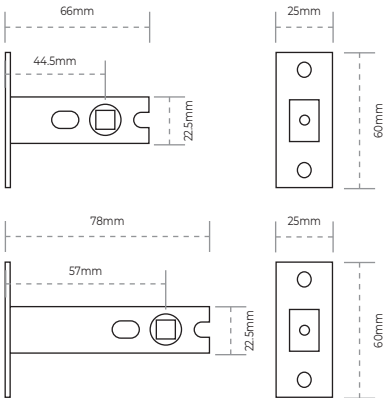
Tubular Deadbolt



66mm Tubular Deadbolt

78mm Tubular Deadbolt

TECHNICAL



SPÄRKA heavy duty fire rated Tubular deadbolt are designed for use with bathroom thumb turns or lever on backplate with integrated thumb turn.

Product Code	Size	Intumescent	Finish	Package Type	Qty
LL2031.SCP	66mm	No	Satin Chrome	Retail Bag	1
LL2036.SCP	66mm	Yes	Satin Chrome	Retail Bag	1
LL2027.SCP	66mm	No	Satin Chrome	Trade Packed	1
LL2032.SCP	78mm	No	Satin Chrome	Retail Bag	1
LL2037.SCP	78mm	Yes	Satin Chrome	Retail Bag	1
LL2028.SCP	78mm	No	Satin Chrome	Trade Packed	1

BS EN 12209:2016



SPÄRKA®

Sashlock
& Hinge Pack

SPÄRKA®

POLISHED CHROME

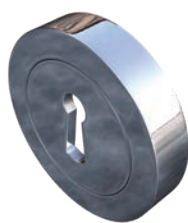
1 x 76mm / 3" 3 Lever Sashlock
3 x 102x76x3mm / 4" Grade 13 Ball Bearing Hinges
2 x 51mm Key Hole Escutcheons
Supplied with fixings



Keyhole Escutcheons



Satin Chrome



Polished Chrome



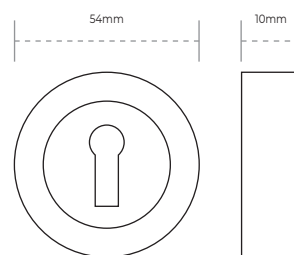
Satin Stainless Steel

Keyhole escutcheons, ideal for commercial and domestic use.

Available in a satin chrome, polished chrome and satin stainless steel finish.



TECHNICAL



Product Code	Size	Finish	Package Type	Qty
HA1012.SCP	54 x 10mm	Satin Chrome	Retail Bag	1 Pair
HA1010.SCP	54 x 10mm	Satin Chrome	Trade Packed	1 Each
HA1012.PCP	54 x 10mm	Polished Chrome	Retail Bag	1 Pair

Re-order Code	Size	Finish	Package Type	Qty
HA1010.PCP	54 x 10mm	Polished Chrome	Trade Packed	1 Each
HA1020.SSS	54 x 10mm	Satin Stainless Steel	Retail Bag	1 Pair
HA1016.SSS	54 x 10mm	Satin Stainless Steel	Trade Packed	1 Each

Euro Profile Escutcheons



Satin Chrome



Polished Chrome

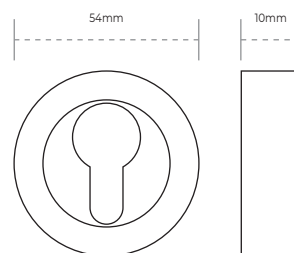


Satin Stainless Steel

SPARKA Euro Profile Escutcheons are designed to compliment the SPARKA range of door handles and are for use in conjunction with euro profile cylinders.

Available in a satin chrome, polished chrome and satin stainless steel finish.

TECHNICAL



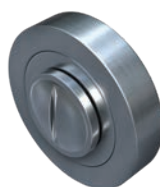
Product Code	Size	Finish	Package Type	Qty
HA1017.PCP	54 x 10mm	Polished Chrome	Retail Bag	1 Pair
HA1014.PCP	54 x 10mm	Polished Chrome	Trade Packed	1 Each
HA1018.SCP	54 x 10mm	Satin Chrome	Retail Bag	1 Pair

Re-order Code	Size	Finish	Package Type	Qty
HA1014.SCP	54 x 10mm	Satin Chrome	Trade Packed	1 Each
HA1019.SSS	54 x 10mm	Satin Stainless Steel	Retail Bag	1 Pair
HA1015.SSS	54 x 10mm	Satin Stainless Steel	Trade Packed	1 Each

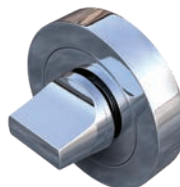
Bathroom Thumbturn & Release with Indicator



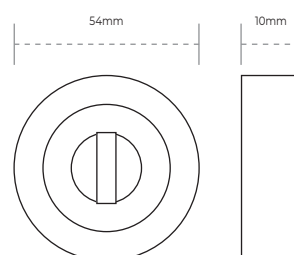
Satin Chrome



Polished Chrome



TECHNICAL



Bathroom thumbturn and release with indicator, ideal for commercial and domestic use.

Available in a satin chrome or polished chrome finish.

Product Code	Size	Finish	Package Type	Qty
HA1013.SCP	54 x 10mm	Satin Chrome	Retail Bag	1 Each
HA1011.SCP	54 x 10mm	Satin Chrome	Trade Packed	1 Each

Re-order Code	Size	Finish	Package Type	Qty
HA1013.PCP	54 x 10mm	Polished Chrome	Retail Bag	1 Each
HA1011.PCP	54 x 10mm	Polished Chrome	Trade Packed	1 Each

Door Stops and Accessories

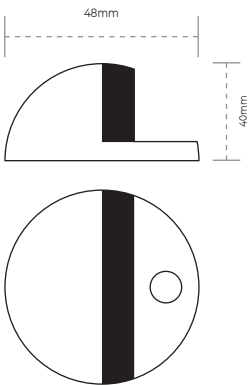


Satin Chrome



Polished Chrome

TECHNICAL



Product Code	Description	Size	Finish	Package Type	Qty
BA1012.SCP	Half moon floor door stop	48 x 40mm	Satin Chrome	Retail Bag	1
BA1010.SCP	Half moon floor door stop	48 x 40mm	Satin Chrome	Trade Packed	1
BA1011.PCP	Half moon floor door stop	48 x 40mm	Polished Chrome	Retail Bag	1
BA1010.PCP	Half moon floor door stop	48 x 40mm	Polished Chrome	Trade Packed	1
BA1018.BLK	Black rubber door stop		Black	Trade Packed	1
BA1013.SCP	Door Viewer		Satin Chrome	Trade Packed	1
BA1016.SCP	Door Viewer		Satin Chrome	Retail Bag	1
BA1017.SIL	Door Chain		Matt Silver	Retail Bag	1
BA1014.SIL	Door Chain		Matt Silver	Trade Packed	1
BA1015.SSS	Euro Cylinder Pull		Satin Stainless Steel	Retail Bag	1
BA1019.SSS	Euro Cylinder Pull		Satin Stainless Steel	Trade Packed	1
BA1110.SSS	Lever Action Flush Bolt		Satin Stainless Steel	Trade Packed	1

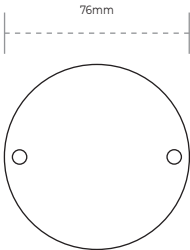
Door Signs

SPÅRKA engraved or screen printed 76mm diameter signs, all come complete with fixings.



Product Code	Description	Size	Finish	Package Type	Qty
SF1030.SSS	Fire Door Keep Shut Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	2
SF1017.SSS	Fire Door Keep Shut Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1031.SSS	Fire Door Keep Locked Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	2
SF1018.SSS	Fire Door Keep Locked Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1032.SSS	Automatic Fire Door Keep Clear Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	2
SF1019.SSS	Automatic Fire Door Keep Clear Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	2
SF1023.SSS	Engraved Male Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1010.SSS	Engraved Male Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1024.SSS	Engraved Female Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1011.SSS	Engraved Female Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1025.SSS	Engraved Disabled Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1012.SSS	Engraved Disabled Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1026.SSS	Engraved Unisex Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1013.SSS	Engraved Unisex Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1027.SSS	Engraved Shower Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1014.SSS	Engraved Shower Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1028.SSS	Engraved No Smoking Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1015.SSS	Engraved No Smoking Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1029.SSS	Engraved Baby Change Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1016.SSS	Engraved Baby Change Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1033.SSS	Engraved Push Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1020.SSS	Engraved Push Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1
SF1034.SSS	Engraved Pull Sign	76mm Diameter	Satin Stainless Steel	Retail Bag	1
SF1021.SSS	Engraved Pull Sign	76mm Diameter	Satin Stainless Steel	Trade Packed	1

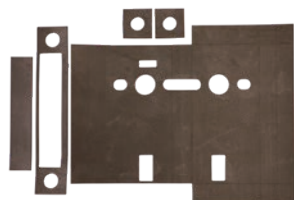
TECHNICAL



Intumescent Door Hardware Protection - 1mm

Fire doors often have a wide range of door hardware installed on them. When hardware is installed it reduces the integrity of the door and/or frame and the void/material that is removed to install/mortice a product then needs replacing with intumescent around the hinges and latches/locks in order to stop the spread of fire through a door. Failure to install this protection will invalidate the certification.

1mm intumescent is suitable for protecting fire doors for up to 30 minutes.



30 min Pre-cut Sashlock Intumescent Kit



30 min Pre-cut Deadlock Intumescent Kit



30 min Hinge Pads

KEY FEATURES:

- 1mm Graphite Intumescent Protection
- Self-adhesive backing for easy fitting
- Expands in a fire to fill any gaps
- Helps to seal voids/ mortices
- Protects fire doors for up to 30 minutes

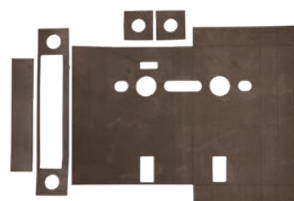
Product Code	Description	Thickness	Size	Package Type	Qty
TU1110	Hinge Pads	1mm	100mm x 30mm	Trade Packed	6
TU1111	Hinge Pads	1mm	75mm x 19mm	Trade Packed	6
TU1120	Hinge Pads, Radius Corners	1mm	100mm x 30mm	Trade Packed	100
TU1112	3L Sashlock OR Bathroom Lock	1mm	64/76mm	Trade Packed	1
TU1114	3L Deadlock	1mm	64/76mm	Trade Packed	1
TU1130	BS 5L Sashlock	1mm	64/76mm	Trade Packed	1
TU1131	BS 5L Deadlock	1mm	64/76mm	Trade Packed	1
TU1113	Euro Sashlock	1mm	64/76mm	Trade Packed	1
TU1115	Euro Deadlock	1mm	64/76mm	Trade Packed	1
TU1116	Tubular Latch	1mm	64/76mm	Trade Packed	1
TU1117	HD Tubular Latch OR Tubular Deadbolt	1mm	64/76mm	Trade Packed	1
TU1127	Universal Din Lock	1mm	165mm x 85mm	Trade Packed	1



Intumescent Door Hardware Protection - 2mm

Fire doors often have a wide range of door hardware installed on them. When hardware is installed it reduces the integrity of the door and/or frame and the void/material that is removed to install/mortice a product then needs replacing with intumescent around the hinges and latches/locks in order to stop the spread of fire through a door. Failure to install this protection will invalidate the certification.

2mm intumescent is suitable for protecting fire doors for up to 60 minutes.



60 min Pre-cut Sashlock Intumescent Kit



60 min Pre-cut Deadlock Intumescent Kit



60 min Hinge Pads

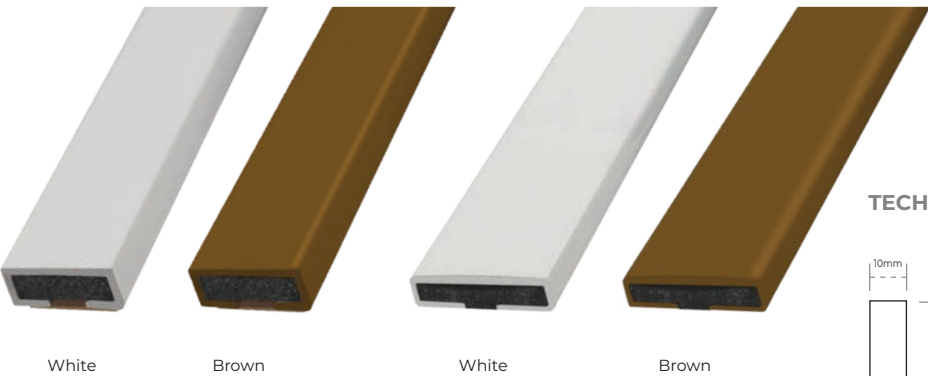
KEY FEATURES:

- 2mm Graphite Intumescent Protection
- Self-adhesive backing for easy fitting
- Expands in a fire to fill any gaps
- Helps to seal voids/ mortices
- Protects fire doors for up to 60 minutes

Product Code	Description	Thickness	Size	Package Type	Qty
TU1119	Hinge Pads	2mm	100mm x 30mm	Trade Packed	100
TU1128	Hinge Pads	2mm	100mm x 30mm	Trade Packed	6
TU1125	Universal Din Lock	2mm	165mm x 85mm	Trade Packed	1
TU1126	Universal Flush Bolt	2mm	150/200mm	Trade Packed	1
TU1132	BS 5L Sashlock	2mm	64/76mm	Trade Packed	1



Intumescent Fire Only Seal

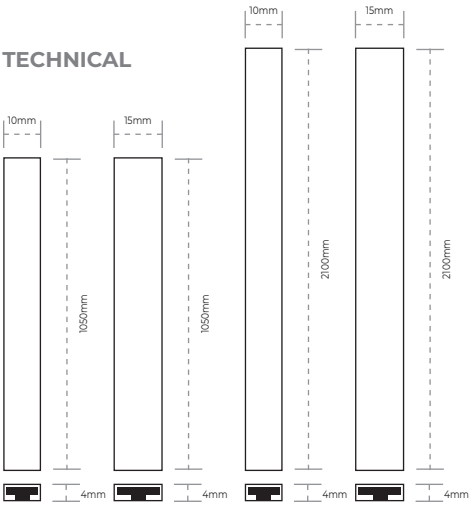


Intumescent Fire Only Seal, White or Brown, Self Adhesive.

Product Code	Size	Finish	Package Type	Qty
TU1010.WHT	10 x 4mm x 1.05m	White	Retail Bag	5
TU1011.BRN	10 x 4mm x 1.05m	Brown	Retail Bag	5
TU1012.WHT	15 x 4mm x 1.05m	White	Retail Bag	5
TU1013.BRN	15 x 4mm x 1.05m	Brown	Retail Bag	5
TU1018.WHT	10 x 4mm x 2.1m	White	Trade Packed	
TU1019.BRN	10 x 4mm x 2.1m	Brown	Trade Packed	
TU1020.WHT	15 x 4mm x 2.1m	White	Trade Packed	
TU1021.BRN	15 x 4mm x 2.1m	Brown	Trade Packed	

N.B: Always check the door manufacturers recommendations.

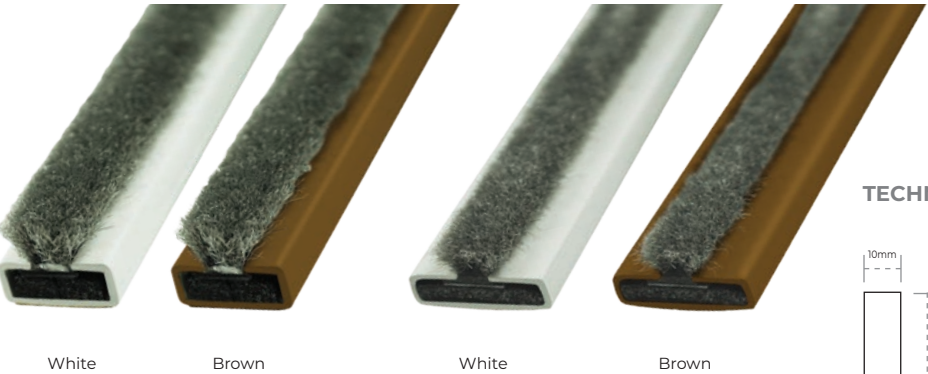
TECHNICAL



TESTED TO;
BS476 part 22
BS EN1634-1



Intumescent Fire & Smoke Seals

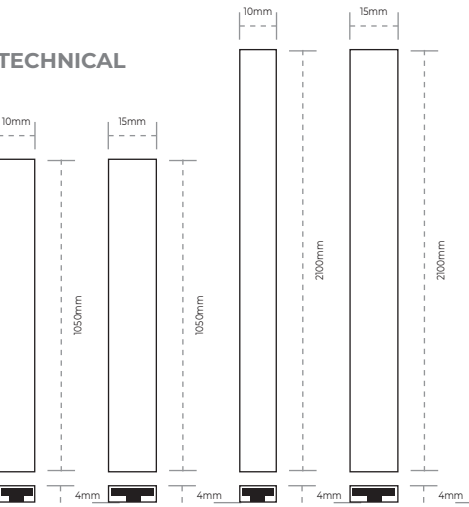


Intumescent Fire & Smoke Seals, White or Brown, Self Adhesive.

Product Code	Size	Finish	Package Type	Qty
TU1014.WHT	10 x 4mm x 1.05m	White	Retail Bag	5
TU1015.BRN	10 x 4mm x 1.05m	Brown	Retail Bag	5
TU1016.WHT	15 x 4mm x 1.05m	White	Retail Bag	5
TU1017.BRN	15 x 4mm x 1.05m	Brown	Retail Bag	5
TU1022.WHT	10 x 4mm x 2.1m	White	Trade Packed	
TU1023.BRN	10 x 4mm x 2.1m	Brown	Trade Packed	
TU1024.WHT	15 x 4mm x 2.1m	White	Trade Packed	
TU1025.BRN	15 x 4mm x 2.1m	Brown	Trade Packed	

N.B: Always check the door manufacturers recommendations.

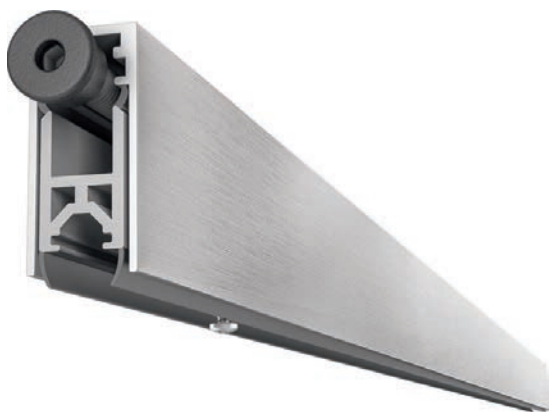
TECHNICAL



TESTED TO;
BS476 part 22 / BS 476 part 31.1
BS EN1634-1 / BS EN 1634-3



Acoustic Drop Down Seals - Rebated



Acoustic Drop Down Seals create an effective barrier against outside factors such as smoke, noise, fire and light.

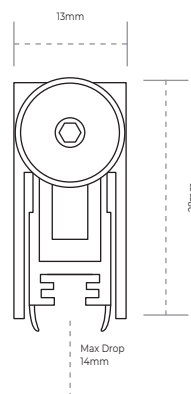
The seals are activated by the closing action of the door, dropping down to seal only when the door is closed.

The rebated version is designed to fit inside the door leaf to remain hidden from view.

KEY FEATURES:

- Prefitted screws for quick cost effective fixing
- Seal drops on hinge side before lock side
- Seal removable to assist installation/replacement
- 14 mm maximum drop
- Galvanized steel flat springs and reinforced actuators
- 2 fin high quality 'V' zero class PVC rubber coextruded seal and carrier, self extinguishing, in aluminium body

TECHNICAL



BS EN ISO 140-3:1995
BS 476: Part 20/22: 1987
BS EN 1634-3: 2004



Acoustic Drop Down Seals - Surface Mounted



surface mount

Acoustic Drop Down Seals create an effective barrier against outside factors such as smoke, noise, fire and light.

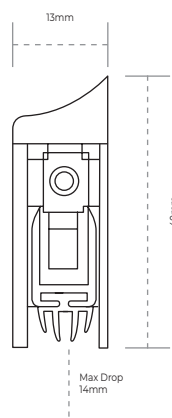
The seals are activated by the closing action of the door, dropping down to seal only when the door is closed.

The surface mounted version is designed to be installed on the face of the door and is suitable for installation on either side of the door

KEY FEATURES:

- Supplied with screws for quick cost effective fixing
- Seal drops on hinge side before lock side
- Seal removable to assist installation/replacement
- 14 mm maximum drop
- Galvanized steel flat springs and reinforced actuators
- 2 fin high quality 'V' zero class PVC rubber coextruded seal and carrier, self extinguishing, in Aluminium body

TECHNICAL



BS EN ISO 140-3:1995
BS 476: Part 20/22: 1987
BS EN 1634-3: 2004



Product Code	Size	Finish	Max Trim Length	Package Type	Qty
TUI221	530mm	Satin Anodised Alu	380mm	Trade Packed	1
TUI222	730mm	Satin Anodised Alu	580mm	Trade Packed	1
TUI220	830mm	Satin Anodised Alu	680mm	Trade Packed	1
TUI213	930mm	Satin Anodised Alu	780mm	Trade Packed	1
TUI223	1130mm	Satin Anodised Alu	980mm	Trade Packed	1

Apartment entrance doors - what's required?

Front entrance doors of apartments are critical in keeping residents safe and secure. Legislation prescribes the criteria that they must meet but it's important that this translates into practical action.

We've summarised the key factors from a hardware perspective that should be considered when it comes to specifying and installing apartment entrance doors.

How do we ensure that an entrance door reliably closes?

It sounds obvious, but doors must be kept closed if they are to prevent fire and smoke spreading from one area to another, and if intruders are to be barred from gaining access.

While door closers are fitted as standard, if it's not the right closer and accompanying hardware, or if the door and its hardware haven't been installed correctly, doors may still remain slightly open.

Assess whether air pressures are present that create resistance to the door closing.

Use quality locks and latches with adjustment to guarantee smooth closing and latching.

See page 98, 108, 115-126

Avoid excessive or poorly positioned door seals that may obstruct closing and increase air pressure issues.

Choose the correct closer and adjust to achieve ease of opening and consistent closing.

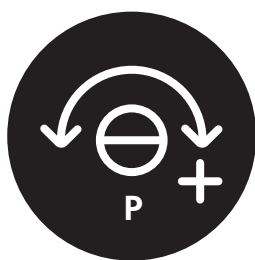
See pages 8-63

Ensure that suitable grade 13 hinges are used and fitted such that no binding occurs.

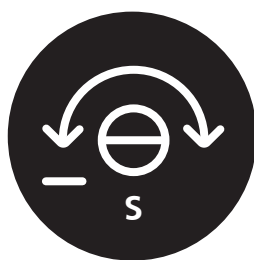
See pages 115-120

The doorset must be fitted fully plumb and level to ensure that the door swings freely.





+ Turn up the power



- Slow down the speed

Selecting the best closer for the job.

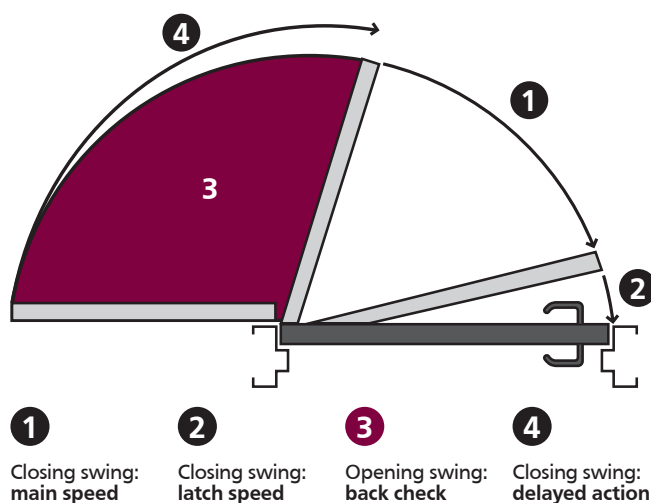
For apartment entrance doors, we always recommend a power-adjustable closer, as they are often subject to air pressures. Adjustment of power and speed is necessary to help overcome this. Cam-action closers provide the best overall user experience as they make door opening easy and smooth.

For power adjustable door closers see pages 8-63

Using back check to avoid damage.

When an entrance door opens to a wall, a back check valve should be used to slow down the opening cycle from 70 degrees. It shouldn't take the place of a door stop, but it can helpfully slow down doors that may be opened at speed, including external doors that may be thrown open by wind.

For back-check door closers see pages 8-63



Understanding the standards that apply.

Various legislation applies to apartment entrance doors. Some of the key ones worth being aware of, are: BS EN 1634-1 and the original BS 476, covering fire and smoke; BS EN 1154 on door closer performance; BS 8300 to ensure accessibility; and BS 6375 covering performance of doors.

Ensuring compliance can seem a laborious undertaking, but it's critical to ensuring adequate protection of people and property.

It's a fine line between safety and tragedy: it's worth getting it right.

ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Apartment Entrance doorsets

What is a Pre-hung Doorset?

BS EN 12519 defines a doorset as “supplied complete with all essential parts from a single source and for which the main intended use is the access of pedestrians.”

A doorset is a whole system, including but not limited to: door leaf, door frame, intumescents, smoke seals (as applicable), hinges, hardware, signage, glazing, glazing system, door closer and any fanlights and sidelights — all designed and tested to perform as one unit by the doorset manufacturer and certified as such. It is recommended that a fire doorset is factory prepared. This means it is machined for components (tolerances included), prior to arriving on site, and all components come from one source of supply, i.e. the manufacturer.

Rutland strongly support the Pre-hung Doorset industry and have done for many years. This support includes sharing knowledge with best practice on dual testing programs from design through to certification.

This support has involved well over a million pounds investment, resulting in probably one of the most tested door closers on the UK market.

Experts often say they see Rutland Door Closers included in most tests, which means you have the advantage of a product compliant and listed in most top door core Field of Application and Dual Summary reports for Enhanced Security.

For further information on suitable door cores and door systems compatible with Rutland hardware call us on 01246 261491



ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Apartment Entrance doorsets

UK Building Regulations & Guidance

- Part B Building Regulations - Fire Safety
- Part M Building Regulations - Accessibility
- Part Q Building Regulations (England) - Security
- Part Q Building Regulations (Wales) - Security
- Section 4:13 Technical Domestic Standards - Scotland - Security
- Planning advice note PAN 77 (Scotland) – Anti social & criminal behaviour
- Department for Communities (NI) – Social Housing Design Guide Standards
- Modern Crime Prevention Strategy – UK Home Office
- TGD B Fire Safety and TDG M Access and Use (Ireland)



Latest MHCLG documentation Building a Safer Future - An Implementation Plan⁶ references MHCLG Advice Note 16 in Annex B : The story to date. The Advice Note highlights the importance of certified fire doorsets, which are complete end product provided by the doorset manufacturer.

The document clearly states the importance of:

- Third-party certification of doorsets
- Professional competence of those people installing and maintaining doorsets
- The need to avoid performance specifications being compromised by cost pressures
- The need for record keeping, safety product labelling and traceability

For further information on UK Building Regulations affecting front entrance doorsets, call Rutland on 01246 261491

ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Apartment Entrance doorsets Dual Testing & Certification

What is dual testing & Certification?

To acquire SBD approval, a doorset manufacturer must carry third-party certification for security. Where a flat entrance doorset also requires fire resistance, SBD has campaigned for the doorset design specification of a flat entrance doorset to be the same for security, fire resistance, and more recently smoke control performance. This has become known as 'dual, triple or multiple certification'.

Depending on the target market, a doorset manufacturer may carry out Dual testing to include identical doorset specification subjected to testing for;

- Fire
- Smoke
- PAS 24 Security

Other testing may include;

- Weather (if designed to separate the external climate from internal)
- Cycling - Repeated opening & closing
- Strength testing

For further advice on dual testing and standards call Rutland on 01246 261491



ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Apartment Entrance doorsets Secured by Design Guidance

Secured by Design is a police initiative to guide and encourage those engaged within the specification, design and build of new homes, and those undertaking major or minor property refurbishment, to adopt crime prevention measures.

Secured by Design Homes Guide 2024 section 20.6 states: Should additional door furniture be fitted to an SBD approved doorset such as door chains, bolts, etc. specifiers must ensure that this does not compromise the original security or fire certification compliance.

Rutland promote the design of safe and accessible apartment entrance doorsets providing tested Front Entrance Door Hardware to assist measures recommended by SBD and housing occupational therapists (Royal College of Occupational Therapists: Specialist Section in Housing) including consideration of; -

- Locking systems that are easy to understand, use, and can be operated with one hand.
- Doors which comply with the opening pressure requirements of the relevant categories of Approved Document M(4): Volume 1: Access to and use of dwellings.

See advice on Opening Forces and assisting BS8300 – see pages P138-139



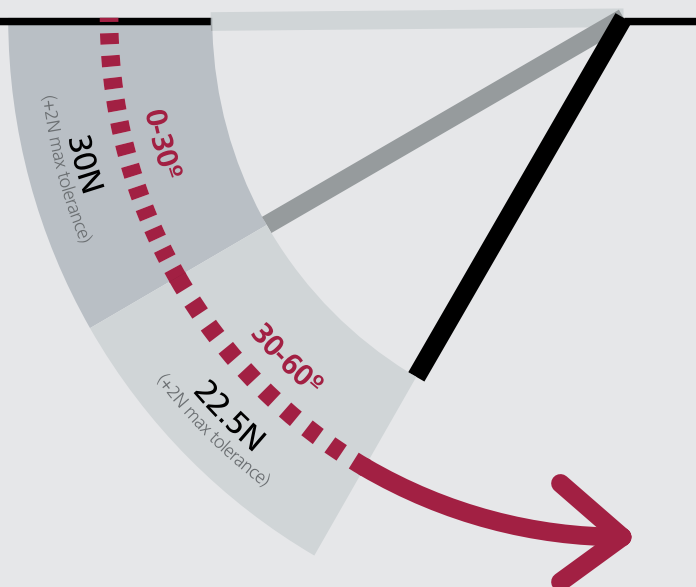
BS 8300: Door opening forces

What do the regulations state?

British standard BS 8300-2:2018, in tandem with Doc M, provides practical guidance on how to meet the minimum standards required to comply with the Equality Act.

The guidance in BS 8300 indicates the following in relation to permissible door opening forces:

- +Opening a door from 0 to 30 degrees (from the closed-door position), a maximum of 30N pressure shall be required.
- +From 30 to 60 degrees, the maximum force required shall be 22.5N.
- +The measurements shall be taken at the leading edge of a door. However, where this not possible, they may be taken up to 60mm in from the edge and approximately in line vertically with the centre line of the door handle, and an additional 2N is permissible when measuring this way.
- +A tolerance of 2-3N is acceptable on all readings. Therefore, total maximum force allowed for under BS 8300 is 35N (0-30°) and 27.5N (30-60°).



BS EN 1154 covers the expectations relating to door closing, relative to achieving required safety on fire doors. It states that the self-closing device on a fire door (required by Building Regulations Document B) must give a minimum closing force of 18Nm, and sufficient to close the door fully against whatever latch (or other) resistance that exists.

The requirements of the two pieces of legislation set up competing demands to achieve accessibility for all as well as full-time fire safety. Both are vital objectives, however, and it is important that both are met.

How are door opening/closing forces measured?



In simple terms, door opening and closing forces are measured with a force gauge, of one sort or another. For accurate measurements, an electronic force gauge is recommended, and these can be fitted with different attachments to measure push or pull force. Routine calibration is required to ensure that measurements remain accurate.

For door opening forces, the measurement should be taken at the leading edge wherever possible. The Rutland technical team will often achieve this by attaching a short strap to the door handle on the outward side of a door, pulling it round the leading edge to the opening side of the door, and then attaching the force gauge to the strap to pull the door open and measure the force required to do so.

The push force reading can be taken by simply applying the push pad of the gauge to the leading edge of the door and opening the door steadily to measure the force required.

Measurement of door closing forces are measured by applying the gauge to the outward face of the door and moving back in time with the door as it closes. As door closing requirements are set in Nm, the N force reading must then be multiplied by the distance away from the hinge side of the door at which the force gauge was applied, to arrive at a Nm reading. (E.g. force reading 25N x distance from hinge edge 0.75m = 18.75Nm.)

In all measurements, the door should be opened or closed at the rate of one degree per second, to ensure accurate readings that are not overstated by the acceleration force required to open a door fast or the momentum build-up of a door closing.

Who ensures compliance with BS 8300?

- Building Control will ensure compliance with legislation covering door opening and closing forces, and they will require both BS 8300 and BS EN 1154 to be met.
- Fire door inspectors assess the opening and closing forces as part of fire safety checks.
- Ongoing compliance largely rests with facilities management. It is essential that all visitors to a building have equal access to prevent organisations facing claims of discrimination.

ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

How do I know my door closer will assist BS 8300?



As a designer and manufacturer of door closers, you might think that we'd only be concerned about the forces required to close a door. But the force applied to close a door corresponds directly to the force required to open that door. And whilst fire safety regulations dictate that fire doors must close completely and reliably, Equality legislation protecting the physically impaired demands that spaces are universally accessible. This means that choosing the correct door closer can often be a balancing act between allowing ease of opening and ensuring reliable closing.

In juggling these competing priorities, our customers often come to us and ask: How can I be sure that the door closer I order will comply with BS 8300 regulations in situ? This is particularly challenging because until the door and its closer are installed, it is difficult to assess exactly what closing force will be required and what the corresponding opening force will therefore be.

Door opening requirements

British standard BS 8300-2:2018, in tandem with Doc M, provides practical guidance on how to meet the minimum standards required to comply with the Equality Act: "...a door closer must produce an opening force of below 30N between 0° and 30° degrees and below 22.5N between 30° and 60° degrees...". With this guidance in mind, we are often asked what power door closer do I need for a 60kg door to comply with BS 8300 requirements? Sadly, the answer is, it's not that simple but in this blog we explore how you can make an educated estimate whilst making provisions for other factors that come into play once on site.

Weight is only one factor

Whilst it is impossible to accurately predict the eventual opening force of the door once installed, there are reasonable steps you can take to ensure that the final opening force of the door is enough to comply with the Equality Act and ensure that those who are physically impaired can still access facilities easily.

Whilst weight is a key factor that will inform which door closer you choose, it is not the only one. Physics dictates that it is the weight combined with the width that dictates the starting point for your choice of door closer. For instance, a very wide 40kg door is a lot easier to open at the leading edge than a very narrow 40kg door.

A starting point

It is possible to estimate the power size required by looking at the weight and width of the door. The table below is a good place to start when choosing a door closer.

Power size (EN)	Max door weight (kg)	Max door width (mm)
1	20	750
2	40	850
3	60	950
4	80	1100
5	100	1250
6	120	1400

*An abridged table based on guidance given in BS 1154

Do bear in mind that guidance states that fire doors should be fitted with EN 3 door closers as a minimum.

Other factors to consider

Of course we all know that when installing a door on-site, other factors come into play which often impact on door opening/closing forces: air pressures in the rooms on each side of the doorway, whether or not door seals are fitted, the quality of door hardware used, and potentially other factors. Therefore, a door closer will often need adjusting once the doorset has been installed.

Rutland recommendation

In conclusion, it is entirely legitimate to be uncertain as to whether a door closer will assist with BS 8300 regulations or not (whilst also adhering to fire regulations), because it is impossible to predict all the contributing factors in the eventual environment. For this reason, we recommend making an estimate using the weight and width of the door and then using an adjustable closer, such as the TS.11204, that covers a power above and below the expected power required, in order to balance the competing demands of sufficient closing power and the correct ease of opening.

Training & Technical Support

It's a frightening reality, but badly installed fire & security doorsets may provide far less protection from smoke, fire and burglar attack. This can present a major risk to life safety.

Components used should be properly tested, certified and suitable for the doorset.

They should also be fitted to the manufacturers instructions and any alterations should be approved by the doorset manufacturer.

At Rutland, we provide detailed instructions with all our products. We also offer experienced technical support to give advice including on-site training for installation teams if required.

For training and technical support please call Rutland on 01246 261491



Raising Standards
Safety Assured

certifire

SUPPORTED BY

Secured by Design



Official Police Security Initiative

ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Rutland Academy & Events

To watch the recordings of our webinars, please head over to the events page on our website: www.rutlanduk.co.uk/events

WATCH AGAIN OUR WEBINAR:

Door-closing dilemmas in social housing



RUTLAND WEBINAR

Apartment entrance doors: Ensuring effective protection against fire, smoke and intruders

Wednesday 8th May, 10:00am



RUTLAND WEBINAR

CE/UKCA Doorsets training



RUTLAND WEBINAR

Approved Doc B: Exploring the implications if BS 476 is removed



HM Government

The Building Regulations 2010

Fire safety

APPROVED DOCUMENT

B

Over the years, we've gained expertise and knowledge around effective fire doors. We're keen to share that knowledge as part of our mission to enhance life safety at every fire door. That's why we set up the Rutland Academy. Our Academy training sessions provide a real understanding of how fire doors should be set up, and how different door closers can be used to maximum effect. All sessions are a mixture of theory and practical hands-on fitting experience.

Training course for councils/housing associations

- Available online (options for face-to-face sessions)
- New training room located at our Head Office in Holmewood, Chesterfield.
- Theory and Practical courses
- Contact our team for more information

Training course for Contractors

- Available online (options for face-to-face sessions)
- New training room located at our Head Office in Holmewood, Chesterfield.
- Theory and Practical courses
- Contact our team or For more information visit www.rutlanduk.co.uk/rutland-academy

Latest Topics

Rutland wants to keep you updated with the latest topics within the industry. This includes information about best practice and providing guidance on all your questions.

Door control questions are regularly answered on the news section in Rutland's website.

Recent subjects have included:

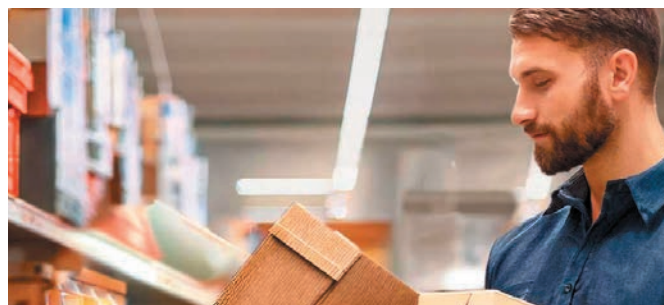


Understanding door closer compliance.

Controlled door closers can be CE and/or UKCA marked (and should be) if they meet EN1154 and are to be sold in the EU or UK market. They do not need to be fire-rated to meet this standard, although the classification must show if they are, or are not suitable for fire doors.

Reading the article, you will further understand:

- The difference between the legally required tests for CE and UKCA
- Third -party accreditation
- CE, UKCA and third-party testing for products such as door controls.



Door Closer makes and models – a like-for-like comparison

There is a plethora of choices of door closer brands, types, sizes and finishes available on the market today – allowing nearly any door and décor to be well matched to a functional and legal closing device. This article goes through this in detail.



Delayed Action Door Closer

Approved Document M of the UK Building Regulations says that self-closing devices on manually operated non-powered doors disadvantage many people who have limited upper body strength. Thankfully, there is now a tested-and-proven adaption available for door closers in the form of the Delayed Action function.

This article goes through this in more detail.



Rutland Door Controls – 20th anniversary sees launch of complete fire door hardware range

The newly launched Frontier range provides a unified suite of dual-compliant door hardware that solves the longstanding issue of mismatched design and colour. Now the closer and handle comes from the same stable, where the polishing and depth of tone is identical. You can learn more about this on the website article or on page 96 of this brochure.

Fixing Positions

Figure 1: Pull Side Fixing

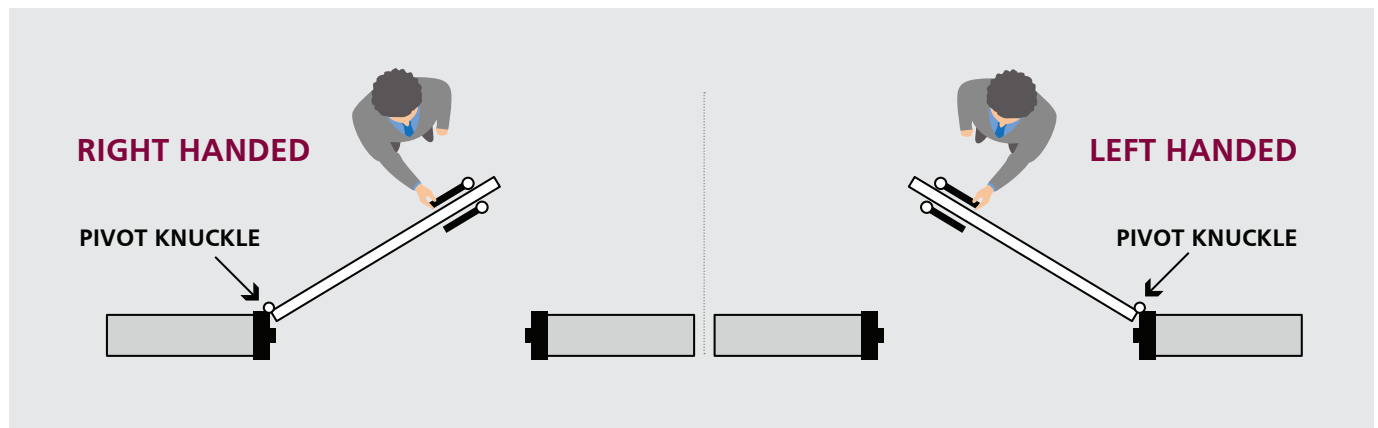
A standard fit where the closer is fitted to the pull side of the door.

Figure 61: Transom Fixing

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

Figure 66: Push Side Fixing (also known as figure 6)

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



Handing

There are various opinions amongst hardware manufacturers and door manufacturers on the handing of a door and hardware. To make it easy Rutland have chosen the DIN method, whereby if you are on the side of the door whereby you can see the hinges then if the hinges are on the left it is a left-hand door, and if the hinge knuckle is on your right it is a right handed door.

Typical Installation Details

Figure 1 - Pull Side

For fixing pull side of the door.

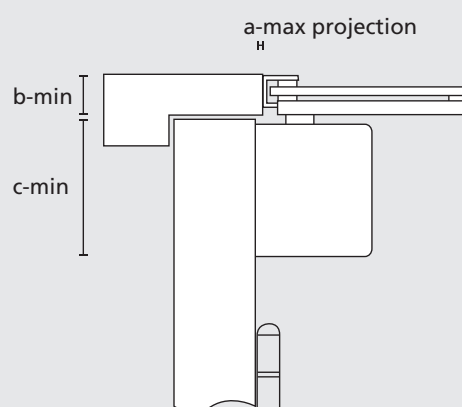
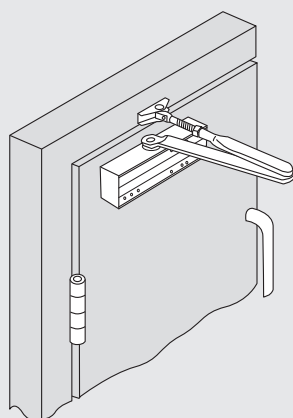


Figure 66 - Push Side (also known as figure 6)

For fixing push side of the door.

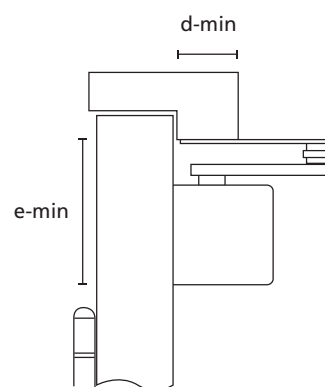
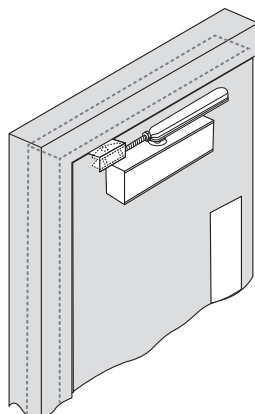
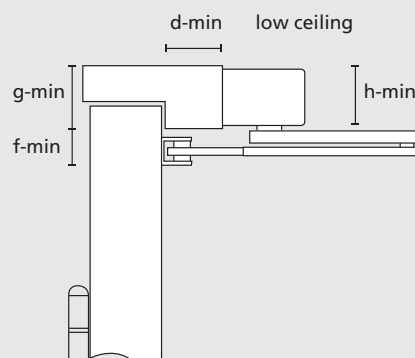
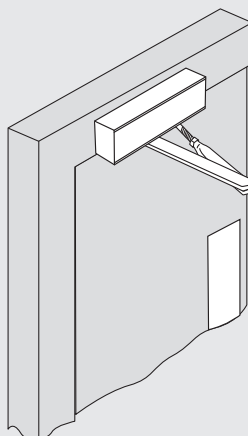


Figure 61- Transom

For fixing to transom on push side of the door.



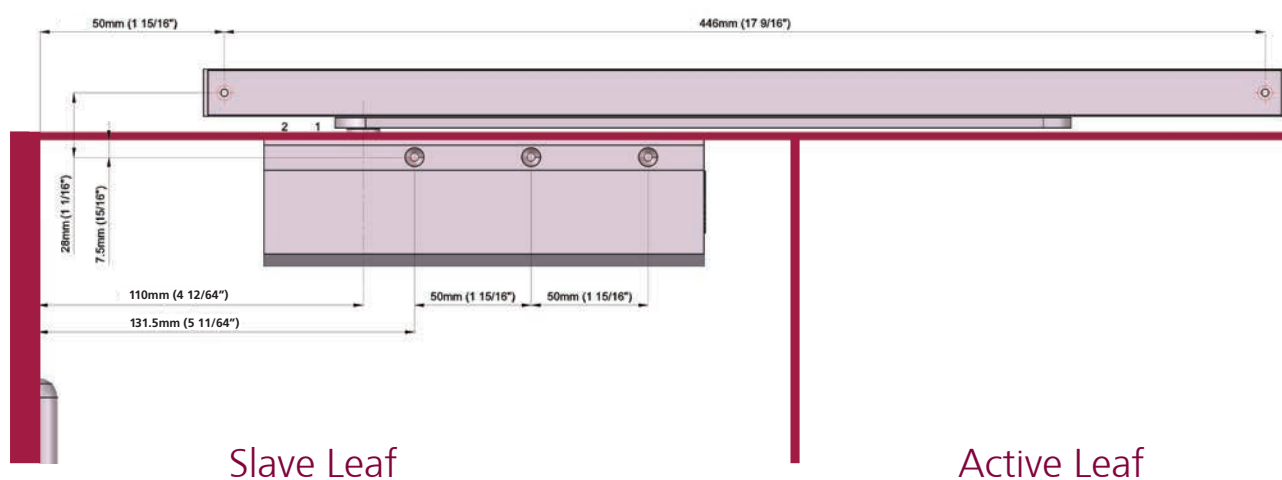
Fixings and fixing instructions are supplied in each pack.

ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Minimum door width sizing guide

Minimum Door Widths

Door Closer	Pull Side		Push Side	
	Door Mounted	Transom Mounted	Door Mounted	Transom Mounted
TS.3204	300mm	-	470mm	300mm
TS.4204	340mm	-	485mm	340mm
TS.5204	360mm	-	485mm	360mm
TS.9205	390mm	-	470mm	390mm
TS.9206	415mm	-	490mm	415mm
TS.10106	330mm	-	535mm	330mm
TS.24	490mm	490mm	-	515mm
TS.11204	575mm	575mm	575mm	575mm
TS.11205	575mm	575mm	575mm	575mm
ITS.11204	595mm	595mm	595mm	595mm
ITS.11205	595mm	595mm	595mm	595mm
ETS.18314	385mm	-	502mm	-
TS.FIRETRAK	600mm	600mm	615mm	600mm



The minimum width for the slave leaf is 360mm, in this case the minimum width for the active leaf would need to be 780mm – the total width between the two leaf's can not be less than 1140mm.

GIVING YOU PEACE-OF-MIND

Testing & Certification

With the mission to enhancing compliance and performance at every door, Rutland invest heavily in third-party certification to assist principal designers, principal contractors and accountable person's making informed decisions to meet Building Regulations.

We believe that every building should protect the life within, and from concept of the 'golden thread' of building safety information, Rutland have avidly supported and promoted an ever-growing online compliance data in digital format. Rutland website contains information on important regulations, product standards and regular webinars on current topical issues affecting fire door safety – all of which can be used as training for increased competency.



BS EN 1154 & BS EN 1155 – DOOR CLOSER Standards Explained

BS EN 1154: Controlled Door Closing Devices

This provides details on product types, classification by use, test cycles through to door mass and corrosion resistance. It also includes definitions, product performance requirements, test apparatus, test methods and marking of products.

CLASSIFICATION

A 6-digit coding system is used.

Classification Digit 1 – Category of use

For all internal and external doors for use by the public, and others, with little incentive to take care, i.e. where there is some chance of misuse of the door².

- grade 3: For closing doors from at least 105° open
- grade 4: For closing doors from 180° open¹

Note 1: For applications subject to extremes of abuse, or for particular limitations of opening angle, door closers incorporating a backcheck function or provision of a separate door stop should be considered.

Note 2: Grade 4 classification assumes standard installation according to the manufacturer's instructions.

Classification Digit 2 – Number of test cycles

Only one test duration is identified for door closers:

- grade 8: 500,000 test cycles

Classification Digit 3 – Test door mass/size

Seven test door mass grades and power sizes from EN 1 to EN 7 are identified in table 1 of this standard. Where a door closer provides a range of power sizes both the minimum and the maximum sizes are identified e.g. 2/5

Classification Digit 4 – Fire behaviour

Two grades of fire behaviour are identified for door closing devices manufactured to this standard:

- grade 0: Not suitable for use on fire/smoke door assemblies
- grade 1: Suitable for use on fire/smoke door assemblies, subject to satisfactory assessment of the contribution of the door closer to the fire resistance of specified fire/smoke assemblies. Such assessment is outside the scope of this European Standard (see EN 1634-1).

Classification Digit 5 – Safety

All door closers are required to satisfy the Essential Requirement of safety in use. Therefore only grade 1 is identified.

Classification Digit 6 – Corrosion resistance

Door closer are corrosion tested to EN 1670 and given a grade from no resistance of 0 to Very high resistance at grade 4:

- grade 0: No defined corrosion resistance
- grade 1: Mild resistance
- grade 2: Moderate resistance
- grade 3: High resistance
- grade 4: Very high resistance

CE/UKCA marking

Door closers intended for use on fire resisting doors and smoke control doors are covered by a

Construction Products Directive mandate issued

by the European Commission. Consequently, this standard is regarded as a "harmonised" standard

and compliance with it, supported by suitable evidence, allows the application of the CE mark. It has also been adopted by the UK as a "designated" standard for UKCA marking.

BS EN 1155 – Electrically powered hold-open devices for swing doors

The standard provides details on product types, classification by use, test cycles, door mass, corrosion resistance, as well as definitions, product performance requirements, test apparatus, test methods and marking of products. In addition, the published standard includes annexes illustrating the various points made through diagrams and supplementary text.

SCOPE

This European standard specifies requirements for separate hold-open devices and also for holdopen mechanisms incorporated in a door closer. Electrically powered hold-open devices for swing doors manufactured according to this European standard can hold a swing door at a fixed position or can allow the door to swing freely. In each case interruption of the electrical supply will cause the controlled door to close positively.

Electrically powered hold-open devices manufactured in accordance with this European standard are recommended for use wherever there is a requirement for reliable hold-open and release of self-closing fire/smoke door assemblies

Whilst these devices can incorporate smoke or fire detection elements, the performance of those particular elements is outside the scope of this European standard.

CLASSIFICATION

BS EN 1155 classification is the same 6 digit coding system, taken from the BS EN 1154 testing standard.

Digit 1 – Category of use

Only one category of use is identified for electrically powered hold-open devices. – grade 3: for doors for use by the public, and others, with little incentive to take care, i.e. where there is some chance of misuse of the door.

Note: for electrically powered hold-open and free-swing door closers, where the opening angle is limited by the device, provision of a separate door stop should be considered.

Digit 2 – Number of test cycles

Two test duration are identified for devices manufactured to this European standard:

- grade 5: 50 000 test cycles. For all electrically powered hold-open devices
- grade 8: 500 000 test cycles. For all electrically powered hold-open and free-swing door closers and devices that contain operating arms.

Digit 3 – Test door mass

Five door mass grades and related hold-open power sizes are identified according to Table 1 of this European standard.

Where an electrically powered hold-open device is suitable for a range of door closer power sizes, both the minimum and maximum power sizes shall be shown.

Digit 4 – Fire resistance

Only one grade of fire resistance is identified for electrically powered hold-open devices manufactured to this European standard:

- grade 1: Suitable for use on fire/smoke door assemblies subject to satisfactory assessment of the contribution of the electrically powered hold-open device to the fire resistance of specified fire/smoke door assemblies. Such assessment is outside the scope of this European standard (see EN 1634-1).

Digit 5 – Safety

Electrically powered hold-open devices are required to satisfy the Essential Requirement of safety in use. Therefore only grade 1 is identified.

Digit 6 – Corrosion resistance

Five grades of corrosion resistance are identified in accordance with EN 1670:

- grade 0: no defined corrosion resistance.
- grade 1: mild resistance.
- grade 2: moderate resistance.
- grade 3: high resistance.
- grade 4: very high resistance.

This page is not intended to be the full representation of the standards, and it is recommended you purchase your own copies from BSI.

ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

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



Polished 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 Brass

UK	US	BHMA
AB	US7	636



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

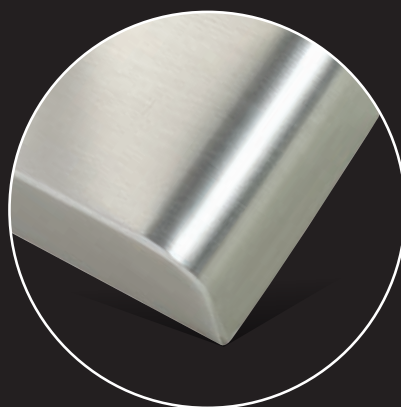
ENHANCING COMPLIANCE AND PERFORMANCE AT EVERY DOOR

Design Style

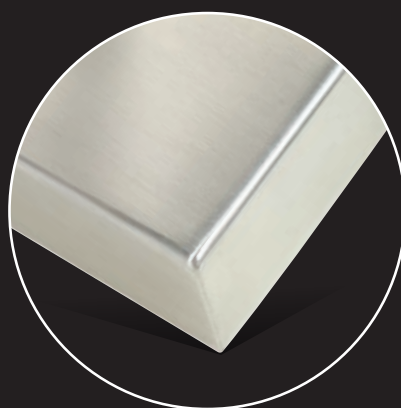
Soft Line; Square Edge or Semi Radius covers

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.

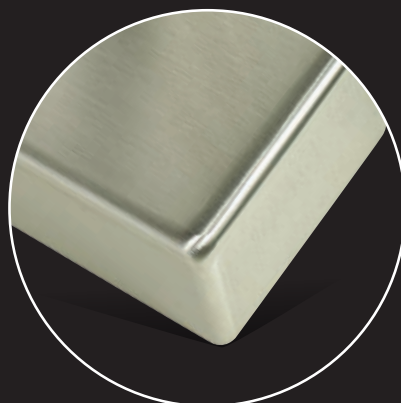
For the latest trends, designs and styles please visit our website – www.rutlanduk.co.uk



Semi Radius Cover



Square Edged Cover



Soft Line Cover

Enhancing **compliance** and **performance** at every door

Through our expert advice and support, we provide the peace of mind that full compliance is achieved and that life safety is assured.



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