

PRODUCT LIST



Architectural Hardware



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TERMS OF BUSINESS

The Customer acknowledges and agrees that the following applies to and forms part of any contract for the supply of goods by DORMA Australia Pty Ltd (herein after referred to as "DORMA") and that these terms and conditions ("T+Cs") take precedence over any terms and conditions contained in any document provided by the Customer. Any request from the Customer to DORMA for the supply of goods constitutes acceptance of these T+Cs.

The Customer acknowledges that where the Customer consists of more than one party or entity, liability shall be joint and several.

The Customer warrants that all information to DORMA is true, accurate and correct in every detail and that if credit is given by DORMA this will be done in reliance upon the information supplied by the Customer.

DORMA is not a certified engineer. Goods supplied from stock, made to order or imported to order must be approved by the Customer's own engineers for certification. These T+Cs, including any credit limits set by DORMA, are effective from the date of issue by DORMA and may be amended or superseded from time to time by written notice given by DORMA. This is a legal document and advice should be sought if the Customer is unclear on any point.

TERMS

"ACL" means the Australian Consumer Law Schedule to the Competition and Consumer Act 2010 (Cth).

"goods" means all goods and/or services supplied by DORMA to the Customer, or ordered by the Customer but not yet supplied, and includes goods described on any quotation, invoice, purchase order or any other document.

"consumer" is as defined in the ACL.

"PPSA" means the Personal Property Securities Act 2009 (Cth).

"Price" means the cost of the goods as referred to in DORMA's price lists, prepared quotes and/or specific arrangements and is subject to change from time to time without notice.

1. Jurisdiction

1.1 This contract is construed in accordance with laws of the State of Victoria.

2. Payment Terms

2.1 At DORMA's sole discretion, a deposit may be required prior to any supply.

2.2 Credit account Customers are required to pay all amounts for purchases, in full and without deduction or set-off, no more than 30 days from the end of the month during which any given purchase is made.

2.3 In the event of a dispute, the complete undisputed portion of the account must be paid in accordance with the above payment terms.

2.4 Prices expressed in the price list are recommended trade list prices in Australian dollars and are subject to change without notice. Air freight charges on some lines may apply, and are additional to the relevant quoted price. Taxes, duties and imports are additional to the Customer's account.

2.5 The quoted price is based on the particular specifications of the goods, current at the time of quotation. DORMA has the right to review the quoted price if there is any variation in specification.

2.6 DORMA reserves the right to change, suspend or withdraw credit facilities and payment terms at any time.

3. Deliveries & Returns

3.1 Any date provided for the delivery of goods is an estimate only.

3.2 DORMA's obligation to deliver is discharged on arrival of the goods at the Customer's nominated delivery destination or nominated agent or carrier. If the Customer is unable or unwilling to accept physical delivery of the goods when ready for delivery, DORMA will be entitled to charge a fee for any delay suffered, or to arrange for storage of the goods at the Customer's risk and cost, including all transportation, storage and other consequential costs.

3.3 Deliveries for most standard goods are ex stock, however, imported goods or non standard finishes or modifications are subject to supplier availability and special delivery charges. A freight surcharge fee will apply to small lot orders.

3.4 Deliveries required to be dispatched other than by DORMA's normal carrier may incur additional freight charges which will be at the Customer's cost.

3.5 The Customer must inspect the goods within 7 days from delivery and notify DORMA of any defects, short deliveries or any failure to fulfil any quotation or order, and grant DORMA access to the goods in order to inspect any alleged defects.

3.6 Subject to the ACL all goods for return must first be authorised by DORMA, and will be subject to a minimum restocking fee of 20% of the purchase price.

3.7 The Customer warrants that the goods to be returned to DORMA are in the same condition as when first delivered to the Customer with the relevant invoice number and date of order noted.

3.8 Purpose made, fabricated, specially finished, modified or imported goods are not returnable.

3.9 Any obligation of DORMA to supply goods is subject to its ability to secure labour, materials and other services for the manufacture and supply of the goods.

4. Personal Property Securities Act 2009 (PPSA)

4.1 The Customer grants, and DORMA may register on the Personal Property Securities Register (PPSR), a security interest in all goods provided under this contract, including but not limited to intellectual property and all other present or after-acquired property.

4.2 The Customer warrants that all purchases under this contract are for commercial purposes only and, accordingly, the provisions of the Consumer Credit Act will not apply.

4.3 Where permitted by the PPSA, the Customer waives any rights to receive the notifications, verifications, disclosures or other documentation specified under sections 95, 118, 121(4), 130, 132(3)(d), 132(4), 135 and 157 of the PPSA.

4.4 DORMA and the Customer agree to contract out of and nothing in the provisions of sections 96, 125, 129, 142 and 143 of the PPSA will apply to this contract.

4.5 To the extent permitted by the PPSA, the Customer agrees that the provisions of Chapter 4 of the PPSA which are for the benefit of the Customer or which place obligations on DORMA will apply only to the extent that they are mandatory or DORMA agrees to their application in writing, and where DORMA has rights in addition to those in Chapter 4 of the PPSA, those rights will continue to apply.

4.6 DORMA may allocate amounts received from the Customer in any manner DORMA determines, including in any manner required to preserve any Purchase Money Security Interest it has.

4.7 This contract is a security contract and DORMA has a Purchase Money Security Interest in all present and future goods supplied by DORMA to the Customer and the proceeds of the goods and the security interest is a continuing interest irrespective of whether there are monies or obligations owing by the Customer at any particular time

4.8 The Customer agrees to execute any documents, provide all relevant information and co-operate fully with DORMA to ensure that DORMA has a perfected security interest in the personal property charged.

4.9 The Customer agrees to notify DORMA of any change in the Customer's structure, including sale or disposition of any part of the Customer's business, any change in directorships, shareholders or change in partnership or trusteeship 7 days prior to any such change taking effect.

4.10 The Customer agrees that, until all monies owing to DORMA are paid in full, it shall not sell or grant any other security interest in the goods.

5. Retention of Title

5.1 Until DORMA receives full payment in cleared funds for all goods supplied by it to the Customer, as well as all other amounts owing to DORMA by the Customer:

(a) title and property in all goods remain vested in DORMA and does not pass to the Customer;

(b) the Customer must hold the goods as fiduciary bailee and agent for DORMA;

(c) the Customer must keep the goods separate from its goods and maintain DORMA's labelling and packaging;

(d) the Customer must hold the proceeds of any sale of the goods on trust for DORMA in a separate account with a bank to whom the Customer has not given security however failure to do so will not affect the Customer's obligation to deal with the proceeds as trustee;

(e) in addition to its rights under the PPSA, DORMA may without notice, enter any premises where it suspects the goods are and remove them, notwithstanding that they may have been attached to other goods not the property of DORMA, and for this purpose the Customer irrevocably licences DORMA to enter such premises and also indemnifies DORMA from and against all costs, claims, demands or actions by any party arising from such action.

5.2 DORMA may demand at any time until title has passed to the Customer that the Customer returns the goods or any part of them.

6. Risk

6.1 Risk in the goods passes to the Customer on delivery to the Customer or its nominated agent or carrier.

6.2 If any of the goods are damaged or destroyed prior to title passing to the Customer, DORMA is entitled, without affecting any other rights and remedies under any contract, to any insurance proceeds payable for the goods.

TERMS OF BUSINESS

7. Liability

7.1 Except as specifically stated in this contract, or as contained in any express warranty provided in relation to the goods, this contract does not include by implication any other term, condition or warranty in respect of the quality, merchantability, acceptability, fitness for purpose, condition, description, assembly, manufacture, design or performance of the goods or any contractual remedy for their failure.

7.2 If the Customer is a consumer nothing in this contract restricts, limits or modifies the Customer's rights or remedies against DORMA for failure of a statutory guarantee under the ACL.

7.3 If the Customer on-supplies the goods to a consumer and:

(a) the goods are not of a kind ordinarily acquired for personal, domestic or household use or consumption, then the amount specified in section 276A(1) of the ACL is the absolute limit of DORMA's liability to the Customer;

(b) the goods are of a kind ordinarily acquired for personal, domestic or household use or consumption, payment of any amount required under section 274 of the ACL is the absolute limit of DORMA's liability to the Customer; howsoever arising under or in connection with the sale, installation, use of, storage or any other dealings with the goods by the Customer or any third party.

7.4 If clause 7.2 or 7.3 do not apply, then other than as stated in this contract or any written warranty statement DORMA is not liable to the Customer in any way arising under or in connection with the sale, installation, use of, storage or any other dealings with the goods by the Customer or any third party.

7.5 DORMA is not liable for any indirect or consequential losses or expenses suffered by the Customer or any third party, howsoever caused, including but not limited to loss of turnover, profits, business or goodwill or any liability to any other party, except to the extent of any liability imposed by the ACL.

7.6 The Customer acknowledges that:

(a) it has not made known, either expressly or by implication, to DORMA any purpose for which it requires the goods and it has the sole responsibility of satisfying itself that the goods are suitable for the Customer's use.

(b) any description of the goods provided in a quotation or invoice is given by way of identification only and does not constitute a contract of sale by description.

7.7 Nothing in this contract is to be interpreted as excluding, restricting or modifying the application of any mandatory State or Federal legislation.

8. Payment Default

8.1 If the Customer defaults in payment by the due date of any amount payable to DORMA, then all money which would become payable by the Customer to DORMA at a later date on any account, becomes immediately due and payable without the requirement of any notice to the Customer, and DORMA may, without prejudice to any of its other accrued or contingent rights:

(a) charge the Customer interest on any sum due at the rate of 1.5% per month calculated daily;

(b) charge the Customer for all costs and expenses incurred by it resulting from the default;

(c) cease or suspend the supply of any further goods to the Customer;

(d) by written notice to the Customer, terminate any uncompleted contract with the Customer.;

(e) clause 8.1 may also be relied upon, at DORMA's option where the Customer becomes bankrupt or insolvent or has a liquidator or similar functionary appointed in respect of its assets.

YOUR ARCHITECTURAL HARDWARE PARTNERS AROUND AUSTRALIA

DORMA Australia - Head Office
46-52 Abbott Road
Hallam, Victoria 3803
Telephone 1800 675 411
Facsimile (03) 8795 0280
Email info.au@dorma.com
Web www.dorma.com.au



For Orders:
Customer Service Telephone 1800 675 411
Toll Free Facsimile 1800 33 33 09
Email orders.australia@dorma.com

Victoria & Tasmania sales office
Telephone 1800 675 411
Facsimile (03) 8795 0280

New South Wales &
Australian Capital Territory sales office
Unit 10, Block R, 391 Park Road
Regents Park, NSW 2143
Telephone 1800 675 411
Facsimile (02) 9645 8355

Queensland sales office
44 Harries Road
Coorparoo, QLD 4151
Telephone 1800 675 411
Facsimile (07) 3394 2953

South Australia & Northern Territory sales office
1F Oldsmobile Terrace
Dudley Park, SA 5008
Telephone 1800 675 411
Facsimile (08) 8340 3316

Western Australia sales office
Unit 1, 30 Discovery Drive
Bibra Laka, WA 6163
Telephone 1800 675 411
Facsimile (08) 9381 3841



SYMBOLS

Guide Lines for Inventory Planning

Symbols are sometimes used with the article numbers to assist with forward planning. Articles without symbols are usually available from stock.

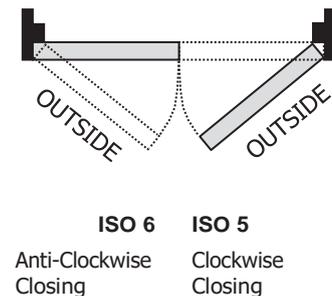
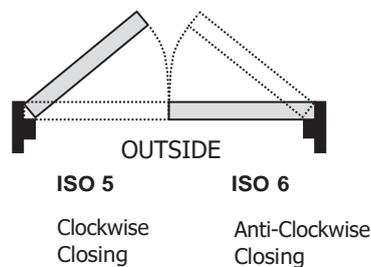
- ◆ This applies to products which are assembled or finished to customer order, components in stock - Delivery period about 2-3 weeks.
- This applies to products not held in stock and brought in only to customer order - Delivery via sea-freight if ex stock at factory is about 10-12 weeks. For urgent requirement, delivery time and airfreight cost contact customer service.
- F** Denotes product suitable for use on fire door.
Refer to your local DORMA sales office to ensure AS1905.1 compliance with specific core.

Prices referred to herein are recommended only and do not include GST. There is no obligation to comply with the recommendations. Prices are subject to change without notice. All prices in Australian dollars.

HANDING

Dorma Handing Guide

*Excludes ST9200, ST9600, CL600 lock range and 5300, 5400, 6400, 6500, 6600, 6700 door furniture range.



DORMA PAINTED FINISHES

When specifying DORMA door closers you can choose to have these supplied in many painted finishes. A process of blending quality automotive paints and matching colour to your selected finish, allows you the choice of colouring DORMA door closers to a desired decor finish. Simply provide us at the time of order the manufacturer's name and colour number you are to match.

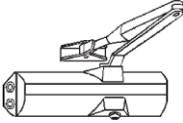
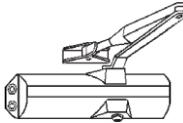
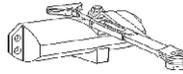
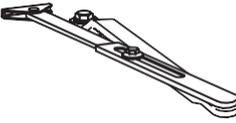
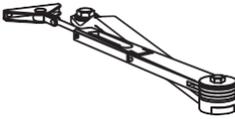
Colour matching service

Painting of surface mounted closer
TS68, TS72, TS73, TS79, TS83, TS90, TS91N, TS92N & TS93N

Painting of Angle Bracket G-N & G-EMF
Painting of Angle Brackets G-SR/BG

Painting of EMF closer (incl. body and channel)
Painting of GSR - Systems (incl. 2 bodies & channel set)

Note: Like any painted product care must be taken during installation to ensure the painted surface is not damaged. During construction care should be taken to ensure contact with dirt, oils, mortar, paint splashes or thinners should be avoided, removal of these marks with strong cleaning agents or scourers must be avoided.

		Order No.
	<p>TS 6800 NBC EN 2/3/4 Door closer with regular arm complete with P.A.Bracket</p>	<p>finish: silver 66400501</p>
	<p>TS 6800 BC EN 2/3/4 Door closer with regular arm and backcheck complete with P.A.Bracket</p>	<p>finish: silver 66410501</p>
F		
	<p>TS 6801 EN 2/3/4 Door closer with hold open arm</p>	<p>finish: silver 66400801</p>
	<p>Art.-No. 6870 Regular arm</p>	<p>finish: silver 66000901</p>
	<p>Art.-No. 6871 Hold open arm</p>	<p>finish: silver 66000301</p>
	<p>Art.-No. 6882 Mounting bracket for parallel arm installation</p>	<p>finish: silver 66000501</p>

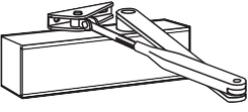
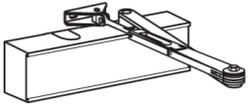
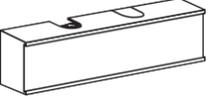
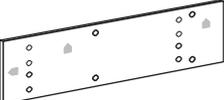
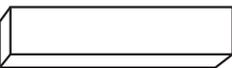
SURFACE CLOSERS RACK & PINION TS77 & TS79

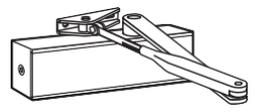
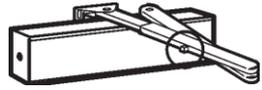
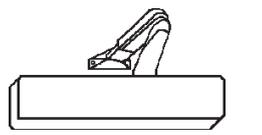


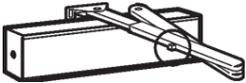
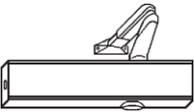
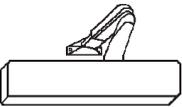
TS77	Order No.	
	<p>TS77 NBC Door closer with regular arm inc. parallel arm bracket</p>	<p>TS77 NBC Size 2 Door closer silver 76040101 TS77 NBC Size 3 Door closer silver 76050101 TS77 NBC Size 4 Door closer silver 76060101</p>
	<p>TS77 BC Door closer with regular arm and backcheck inc. parallel arm bracket</p>	<p>TS77 BC Size 2 Door closer silver DC76221601 TS77 BC Size 3 Door closer silver DC76231601 F TS77 BC Size 4 Door closer silver DC76241601</p>
TS79	Order No.	
	<p>TS 7900 BC EN 2/3/4 Door closer with regular arm and backcheck inc. parallel arm bracket</p>	<p>finish: silver 22315701</p>
<p>F</p>		
	<p>TS 7901 BC EN 2/3/4 Door closer with hold open arm inc. parallel arm bracket</p>	<p>finish: silver ■ DC22315501</p>
	<p>Standard arm for TS79</p>	<p>finish: silver 22002301</p>
	<p>Hold open arm for TS79</p>	<p>finish: silver 22002501</p>
	<p>Mounting bracket for parallel arm application for TS79</p>	<p>finish: silver 28006601</p>

SURFACE CLOSERS RACK & PINION TS72



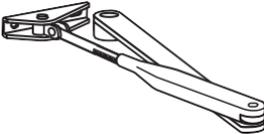
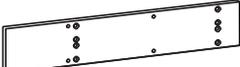
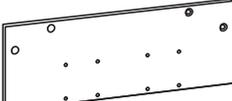
		Order No.
	TS 7200 EN2-4 Door closer with regular arm, power adjustable with adjustable backcheck, inc. parallel arm bracket finish: silver	22252301
F		
	TS 7201 EN2-4 Door closer with hold open arm (P.A bracket not included) finish: silver	22252501
	TS 7200/ 1 EN2-4 Door closer without arm assembly finish: silver	22252101
	Standard arm complete finish: silver	22002301
	Fixing plate finish: silver	22002101
	Hold open arm finish: silver	22002501
	Mounting bracket for parallel arm application finish: silver	28006601
	Full cover finish: silver gold polished chrome satin stainless steel polished brass	22002701 22002702 22003714 22003715 22003716

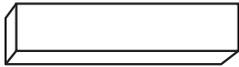
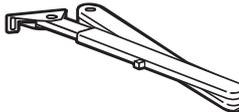
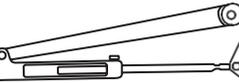
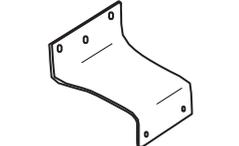
TS73V	Order No.		
	<p>TS 7300 EN1-4 Door closer with regular arm, power adjustable with adjustable backcheck, delayed action, inc. parallel arm bracket</p> <p>finish: silver finish: gold</p>	<p>37020401 37020402</p>	
	<p>TS 7301 EN1-4 Door closer with hold open arm inc. parallel arm bracket</p> <p>finish: silver finish: gold</p>	<p>37023301 37023302</p>	
	<p>TS 7300/ 1 EN1-4 Door closer without arm assembly</p> <p>finish: silver finish: gold</p>	<p>37020101 37020102</p>	
	<p>TS 7300 EN 1-4 DESIGN FINISH Door closer with full cover and flatform arm (P.A. bracket not included)</p> <p>finish: polished chrome satin stainless steel polished brass</p>	<p>37271914 37271915 37271916</p>	
TS73 EMF	Order No.		each
	<p>Standard installation with distributor box and cable (pull side) Door closer with electro-hydraulic hold-open device without arm</p> <p>finish: silver</p>	<p>EN 4 53010101 EN 5 ■ 53040101 EN 6 ■ 53070101</p>	
	<p>Frame installation without direct fixing (push side) Door closer with electro-hydraulic hold-open device without arm</p> <p>finish: silver</p>	<p>EN 4 ■ 53110101 EN 5 ■ 53140101 EN 6 ■ 53170101</p>	
	<p>Swing free arm finish: silver</p> <p>Standard arm finish: silver</p>	<p>53000501 75400100</p>	

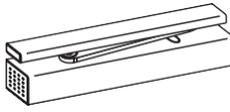
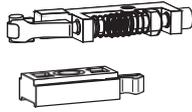
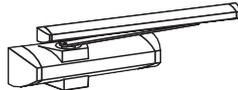
		Order No.
	<p>TS 8300 EN3-6 Door closer with regular arm, power adjustable with adjustable backcheck, delayed action, inc. parallel arm bracket</p>	<p>finish: silver 38020801 finish: gold 38020802</p>
F		
	<p>TS 8301 EN3-6 Door closer with hold open arm inc. parallel arm bracket</p>	<p>finish: silver 38023301 finish: gold 38023302</p>
F		
	<p>TS 8300/1 EN3-6 Door closer without arm assembly</p>	<p>finish: silver 38020101 finish: gold 38020102</p>
F		
	<p>TS 83 EN3-6 BC/AC Door closer with anti-corrosive arm, power adjustable with adjustable backcheck</p>	<p>finish: silver 38030301</p>
F (P.A. bracket not included, No delayed action function)		
	<p>TS83 EN7 - 90NM - FIXED Door closer with regular arm</p>	<p>finish: silver 83060201</p>
F (P.A. bracket not included)		
	<p>83 EN 3-6 DESIGN FINISH Door closer with full cover and flatform arm</p> <p>finish: polished chrome 38141514 satin stainless steel 38141515 polished brass 38141516</p>	
F (P.A. bracket not included)		

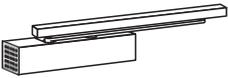
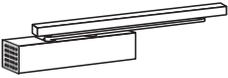
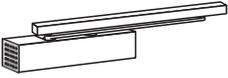
SURFACE CLOSERS RACK & PINION TS73V & TS83

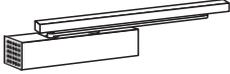
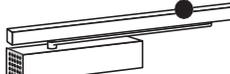
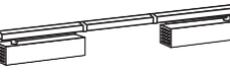
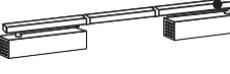
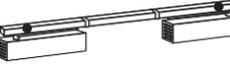
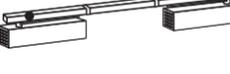


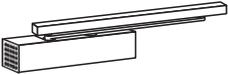
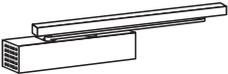
		Order No.
	TS73 Standard arm	finish: silver 22002301 gold 22002302
	<hr/>	
	TS83 Platform arm	finish: silver 83000101 gold 83000102 polished chrome 22003214 satin stainless steel 22003215 polished brass 22003216
	<hr/>	
	TS73 EN1-4/TS83 EN3-6 Mounting plate	finish: silver 38000101 gold 38000102
		
	TS83 EN7 Mounting plate	silver 83001101
<hr/>		
	Spindle extension/coupler for CL arms	finish: zinc plated 83003705
	<hr/>	
	TS73/TS83 Drop plate	finish: silver 38000201 gold 38000202
	(Not suitable for TS83 EN7)	
<hr/>		
	TS73/TS83 Angle bracket	finish: silver 38000301 gold 38000302
	(Not suitable for TS83 EN7)	

		Order No.										
	TS73/TS83 Decorative slide	finish: silver gold	9900038000101 9900038000102									
(Not suitable for TS83 EN7)												
	DESIGN FINISH Full cover - square line	finish: polished chrome satin stainless steel polished brass	83002114 83002115 83002116									
	TS73/TS83 Hold open arm with on/off feature	finish: silver gold	22003001 22003002									
	TS73/TS83 Flat arm installation for limited arm room application	finish: silver gold	<table border="0"> <tr> <td></td> <td style="text-align: center;">Right Hand</td> <td style="text-align: center;">Left Hand</td> </tr> <tr> <td></td> <td style="text-align: center;">83001001</td> <td style="text-align: center;">83000901</td> </tr> <tr> <td></td> <td style="text-align: center;">83001002</td> <td style="text-align: center;">83000902</td> </tr> </table>		Right Hand	Left Hand		83001001	83000901		83001002	83000902
	Right Hand	Left Hand										
	83001001	83000901										
	83001002	83000902										
	TS73/TS83 Mounting bracket for parallel arm application	finish: silver gold polished chrome satin stainless steel polished brass	28006601 28006602 28006614 28006615 28006616									
	TS73/TS83 Mounting bracket for parallel arm application with 35mm upstand	finish: silver gold	28006701 28006702									

TS 97	Order No.								
	<p>TS 97 CONTUR DESIGN EN 2-4 Complete unit, including slide channel and cushioned limiting stop</p> <table border="0"> <tr> <td>finish:</td> <td></td> </tr> <tr> <td>silver anodised</td> <td>13010001</td> </tr> <tr> <td>satin stainless steel</td> <td>13010004</td> </tr> <tr> <td>polished brass</td> <td>13010005</td> </tr> </table>	finish:		silver anodised	13010001	satin stainless steel	13010004	polished brass	13010005
finish:									
silver anodised	13010001								
satin stainless steel	13010004								
polished brass	13010005								
	<p>TS 97 RF HOLD OPEN PIECE Mechanical hold open^(rf) unit with adjustable holding and release force</p> <p>13000100</p>								
TS 90 IMPULSE	Order No.								
	<p>TS 90 IMPULSE EN 3/4 Complete unit including slide channel with back check</p> <table border="0"> <tr> <td>finish: silver anodised</td> <td>10210401</td> </tr> </table>	finish: silver anodised	10210401						
finish: silver anodised	10210401								
	<p>F</p> <p>TS 90 IMPULSE EN 3/4 Angle bracket</p> <p>10003001</p>								
	<p>TS 90 IMPULSE RF HOLD OPEN PIECE Without on/off feature</p> <p>10002100</p>								
	<p>Limiting stop</p> <p>10002000</p>								

		Order No.
	<p>TS 91 N Pull Side Complete unit, body, slide channel and arm 1 x TS 91 B EN3 Pull Side Silver 1 x G-N Slide Channel and Arm Silver</p> <p>Note: Add cushioned limit stop for use on fire doors</p>	TS91B3GN
	<p>TS 91 RF Pull Side Complete unit, body, slide channel, arm and hold open device 1 x TS 91 B EN3 Pull Side Silver 1 x G-N Slide Channel and Arm Silver 1 x G-N H/O Device</p>	TS91B3GNRF
	<p>TS 92 N Pull Side Complete unit, body, slide channel and arm 1 x TS 92 B EN1-4 N Pull Side Silver</p> <p>Note: Add cushioned limit stop for use on fire doors</p>	42020201
	<p>TS 92 RF Pull Side Complete unit, body, slide channel, arm and hold open device 1 x TS 92 B EN1-4 N Pull Side Silver 1 X G-N H/O Device</p>	TS92B24GNRF
	<p>TS 92 N Push Side Complete unit, body, slide channel, arm and angle bracket 1 x TS 92 G EN1-4 Push Side Silver 1 X G-N Angle Bracket Silver</p> <p>Note: Add cushioned limit stop for use on fire doors</p>	TS92G24GNAB
	<p>TS 92 RF Push Side Complete unit, body, slide channel, arm, hold open device and angle bracket 1 x TS 92 G EN1-4 Push Side Silver 1 X G-N Angle Bracket Silver 1 x G-N H/O Device</p>	TS92G24GNRFAB
	<p>TS 92 Body Only TS92 B EN 1-4 closer body Pull Side Silver TS92 G EN 1-4 closer body Push Side Silver</p>	42020101 42030101
	<p>TS 92 Design Finish TS92 B EN 1-4 closer body Pull Side satin stainless steel polished brass</p>	42020104 42020105
	<p>TS92 G EN 1-4 closer body Push Side satin stainless steel polished brass</p>	42030104 42030105
	<p>G - N Slide channel and arm satin stainless steel polished brass</p>	64010004 64010005

		Order No.
	N (standard type) 1 x TS 93 B EN 1-5 N Pull Side Complete Silver	43090501
F		
	RF (hold open) 1 x TS 93 B EN 1-5 N Pull Side Complete Silver 1 X GN H/O Device	TS93B15GNRF
	EMF (electro-mechanical hold open) 1 x TS 93 B EN 1-5 Pull Side Body Silver 1 X G-EMF Silver	TS93B15EMF
F		
	EMR (electro-mechanical hold open and smoke detector) 1 x TS 93 B EN 1-5 Pull Side Body Silver 1 X G-EMR Silver	TS93B15EMR
F		
	GSR (slide channel door selector) 2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-V Silver	TS93B15GSRV
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR/VK Silver	■ TS93B15GSRVK
F		
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR/VL Silver	■ TS93B15GSRVL
	GSR-EMF 1 (slide channel door selector with electro-mechanical hold-open at inactive door leaf) 2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 1/V Silver	TS93B15GSREMF1V
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 1/VK Silver	■ TS93B15GSREMF1VK
F		
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 1/VL Silver	■ TS93B15GSREMF1VL
	GSR-EMF 2 (slide channel door selector with electro-mechanical hold-open at both door leaves) 2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 2/V Silver	TS93B15GSREMF2V
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 2/VK Silver	■ TS93B15GSREMF2VK
F		
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 2/VL Silver	■ TS93B15GSREMF2VL
	GSR-EMF 1 G (slide channel door selector with electro-mechanical hold-open at active door leaf) 2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 1G/V Silver	TS93B15GSREMF1GV
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 1G/VK Silver	■ TS93B15GSREMF1GVK
F		
	2 x TS 93 B EN 1-5 Pull Side Body Silver 1 X GSR-EMF 1G/VL Silver	■ TS93B15GSREMF1GVL

		Order No.
	<p>N Standard type</p>	<p>1 x TS 93 G EN 1-5 N Push Side Complete Silver TS93G15GNAB 1 x G-N Angle Bracket Silver</p>
	<p>F RF Hold Open</p>	<p>1 x TS 93 G EN 1-5 N Push Side Complete Silver TS93G15GNRFAB 1 X G H/O Device 1 x G-N Angle Bracket Silver</p>
	<p>EMF Electro-mechanical hold open</p>	<p>1 x TS 93 G EN 1-5 Push Side Body Silver TS93G15EMFAB 1 X G-EMF Device 1 x G-EMF Angle Bracket Silver</p>
	<p>F EMR Electro-mechanical hold open and smoke detector</p>	<p>1 x TS 93 G EN 1-5 Push Side Body Silver TS93G15EMR 1 x G-EMR Silver</p>
	<p>F GSR/BG Slide Channel Door Selector</p>	<p>2 x TS 93 G EN 1-5 Push Side Body Silver TS93G15GSRBGVAB 1 x GSR/BG-V Silver 1 x GSR/BG Angle Bracket Silver</p>
	<p>F GSR-EMF 2/BG Slide Channel Door Selector with electro-mechanical hold-open at both door leaves</p>	<p>2 x TS 93 G EN 1-5 Push Side Body Silver TS93G15GSREMF2VBGAB 1 x GSR-EMF 2/V/BG Silver 1 x GSR/BG Angle Bracket Silver</p>
	<p>F</p>	

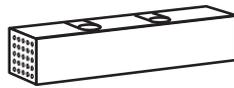
Order No.



TS 93 B, BC/OD + DC/SV

door leaf fixing on hinge side or top
jamb fixing on opposite hinge side

EN1-5	
finish: silver	43090001
finish: stainless steel	43090004
finish: polished brass	43090005
EN 5-7	
finish: silver	43520001



TS 93 G, BC/OD + DC/SV

door leaf fixing on opposite hinge
side, or top jamb fixing on hinge side

EN1-5	
finish: silver	43100001
finish: stainless steel	43100004
finish: polished brass	43100005
EN 5-7	
finish: silver	43530001



G-N (height adjustable)

standard type

finish:	
silver	64010001
stainless steel	64010004
polished brass	64010005



G-EMF

with electro-mechanical hold-open

finish: silver	64020001
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G-EMR

with electro-mechanical hold-open and integrated smoke detector

finish: silver	64030001
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i Please note that the G-RF is made up as follows:
G-N plus plunger-type hold-open cpl. for G-N,
Order No. 18570000 (see page 2.15)

Order No.

GSR

slide channel door co-ordinator with thrust rod clamp system, complete



GSR/V silver	64102001
GSR/VK silver	■ 64101001
GSR/VL silver	■ 64103001

GSR-EMF 1

with electro-mechanical hold-open in the inactive leaf



GSR EMF 1/V silver	64112001
GSR EMF 1/VK silver	■ 64111001
GSR EMF 1/VL silver	■ 64113001

GSR-EMF 2

with electro-mechanical hold-open in both leaves



GSR EMF 2/V silver	64132001
GSR EMF 2/VK silver	■ 64131001
GSR EMF 2/VL silver	■ 64133001

GSR-EMF 1G

with electro-mechanical hold-open in active leaf



GSR EMF 1G/V silver	64122001
GSR EMF 1G/VK silver	■ 64121001
GSR EMF 1G/VL silver	■ 64123001

GSR-BG

slide channel door co-ordinator with thrust rod clamp system on opposite hinge side, complete



GSR/V/BG silver	64144001
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GSR-EMF 2/BG

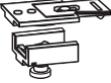
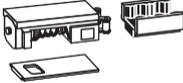
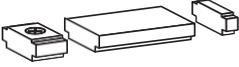
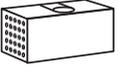
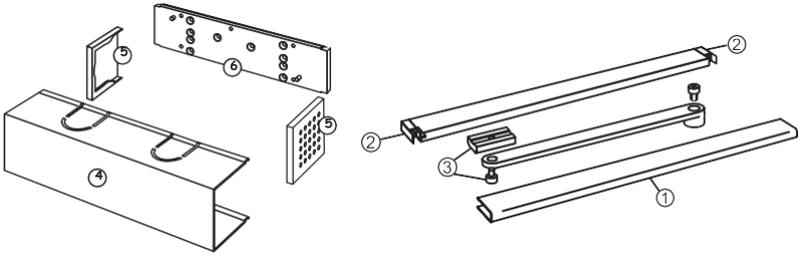
with electro-mechanical hold-open in both leaves

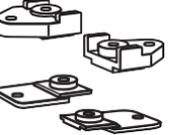
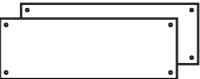
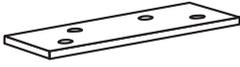
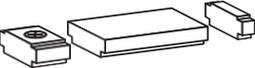


GSR-EMF 2/V/BG silver	64174001
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i Models for door widths

	Door width (mm)	
	B	BG
G-SR/G-SR-EMF VK	1220-1350	-
V	> 1350-2500	1500-2500
VL	> 2500-3200	-
G-SR-EMR	V	1700-2500
	VL	> 2500-3200

		Order No.
	Hold-open unit cpl. for GN on/off feature, adjustable release force	18570000
	Hold-open unit cpl. for G-SR-S with hold open in inactive leaf only	18540000
	Cushioned limit stop for G-N TS91 & TS92 require this for fire rated doors	35800093
	Cushioned limit stop for G-GSR low and G 96 GSR Height 30 mm	■ 18020000
	Angle bracket for G-N finish: silver	64430001
	Angle bracket for G-EMF finish: silver	64440001
	Angle bracket for G-SR/BG finish: silver	64470001
	GSR pivot block in Contur Design finish: silver	64500001
Spare Parts		Order No.
③ GN - Slide block & Connecting Screw		64000300
③ GN-RF Slide block & Connecting screw - Hold open		64000500
③ G-EMF / G-EMR Slide block & Connecting screw		9900064001200
② GN End caps - Contur (set of two)	finish: silver	64000101
① GN Slide Channel Cover - Contur	finish: silver	9900064009601
④ TS 93 EN1-5 Body cover - Contur	finish: silver	43000101
⑤ TS 93 EN1-5 Body end-caps - Contur (set of two)	finish: silver	43000301
④ TS92 Body cover - Contur	finish: silver	42000101
⑤ TS91/92 Body end caps - Contur (set of two)	finish: silver	42000301
⑥ TS91 Mounting Plate		41000201
④ TS91 Body cover - Contur	finish: silver	41000101
		

		Order No.
	ITS 96 EN 2-4 Complete 1 x ITS 96 EN 2-4 Body 1 x G96N Slide channel and arm	ITS9624G96N
	ITS 96 EN 3-6 Complete 1 x ITS 96 EN 3-6 Body 1 x G96N Slide channel and arm	ITS9636G96N
	ITS 96 EN 2-4 Body Only standard door up to 1100mm without slide channel and main arm adjustable closing force after installation	52430150
	ITS 96 EN 3-6 Body Only standard door up to 1400mm without slide channel and main arm adjustable closing force after installation	52290150
	G 96 N cpl. inc. cushion limiting stop and forged arm standard type F NON HANDED finish: silver	52000501
	G 96 EMF inc. forged arm with integrated adjustable electro-mechanical hold-open, hold-open point adjustable between 80° and 120° operating voltage: 24 v DC. Height: 30mm finish: silver	K8/K12 DIN-L 52001501 K8/K12 DIN-R 52001601
	G 96 GSR cpl. inc. cushion limiting stop and forged arm slide channel door co-ordinator not prepared for EMF connection finish: silver	K8/K12 52001801
	G 96 GSR-EMF inc. forged arm slide channel door co-ordinator with electro-mechanical hold-open in inactive and active leaf finish: silver	K8/K12 52001701
	Hold-open unit cpl. for ITS 96 on/off feature, adjustable release force	24700000199
	Fixing bracket for G96N for metal doors (pair) for timber doors (pair)	52000205 52000105
	Cover SSS for EN 2-4 only Double covers 35 - 39mm Door thickness	10009049
	Fixing plates for ITS96 body (pair)	52000300
	Limiting stop	35800093

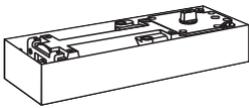
FLOOR SPRINGS SELECTOR CHART

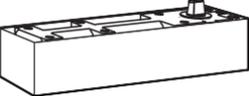


Model	Size	For door weights up to	For door widths up to	Back-check	Delayed action	Latch action	Hold open	Weak coil	Single action or double action
BTS 84 weak	EN 2	100 kg	850 mm	No	No	No	90° H/O specify	Yes	Universal
BTS 84 standard	EN 4	100 kg	1100 mm	No	No	No	90° H/O specify	---	Universal
BTS 75V	EN 1 - 4	120 kg	1100 mm	Yes	No	No	90° H/O specify	Adjustable	Universal
BTS 80 weak	EN 3	300 kg	950 mm	Yes	Yes	No	Yes	Yes	Universal
BTS 80 standard	EN 4	300 kg	1100 mm	Yes	Yes	No	Yes	---	Universal
BTS 80 strong	EN 6	300 kg	1400 mm	Yes	Yes	No	Yes	---	Universal
BTS 80F standard	EN 4	300 kg	905 mm	Yes	No	Yes	No	---	Either/or
BTS 80F strong	EN 5	300 kg	1125 mm	Yes	No	Yes	No	---	Either/or
BTS 80F extra strong	EN 6	300 kg	1280 mm	Yes	No	Yes	No	---	Either/or

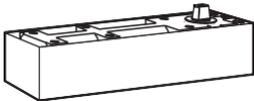
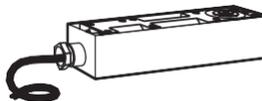
Electro-Hydraulic Hold- Open Floor Spring For Use With Automatic Fire Alarm Systems

BTS	Model	For door weights up to	For door widths up to	Back-check	Delayed action	Latch action	Electro-magnetic hold open	Swing free	Single action or double action
EMB 80	EN 4	300 kg	905 mm	Yes	No	Yes	Yes	---	Either/or
EMB 80	EN 5	300 kg	1125 mm	Yes	No	Yes	Yes	---	Either/or
EMB 80	EN 6	300 kg	1280 mm	Yes	No	Yes	Yes	---	Either/or

BTS 75V		Order No.	
	BTS 75V Universal Floor Spring for single and double action doors, including cement case and spindle insert		
	standard with back-check	EN1-4	61701000
	Standard with back-check and hold-open 90° (standard type)	EN1-4	61701200
	Universal cover plate 7510V	finish:	
		satin stainless steel	46700059
		polished stainless steel	46700006
		brass satin finish	46700159
		polished brass	46700106
75 Cover plate screw pack			
		satin stainless steel	21819001150
		polished stainless steel	21819003150

BTS 84		Order No.	
	BTS 84 incl 8410 cover plate SSS		
	standard	EN2	9408112500222
	with hold open 90°	EN2	9408122500222
	standard	EN4	9408110000222
	with hold open 90°	EN4	9408120000222
	BTS 84 floorspring only		
	standard	EN2	81125002
	with hold open 90°	EN2	81225002
	standard	EN4	81100002
	with hold open 90°	EN4	81200002

	Universal cover plate 8410		
		satin stainless steel	46700022
		polished stainless steel	46700021
		brass satin finish	46700023
		polished brass	46700024
BTS84 Cover plate screw pack			
		satin stainless steel	11684000
		polished stainless steel	11685000

BTS 80	Order No.	
 <p>BTS 80 Universal Floor Spring for single and double action doors, including cement case and spindle insert</p>	EN3 EN4 EN6	80120000 80110000 80130000
Standard with adjustable hydraulic hold-open device (disengageable), delayed action and back-check		
 <p>Universal cover plate 7410</p>	finish: satin stainless steel polished stainless steel brass satin finish polished brass	46700000 46700001 46700100 46700101
80 Cover plate screw pack	satin stainless steel polished stainless steel	1167000000 1166900000
BTS 80 F	Order No.	
 <p>BTS 80 F Universal Floor Spring inc. cement case suitable for fire doors</p>	EN4 EN5 EN6	80220000 80210000 80230000
BTS 80 F - for double/single action doors, with adjustable latch action, back check, no hold-open. With spindle insert		
F		
 <p>Universal cover plate 7410</p>	finish: stainless steel brass satin finish	46700000 46700100
EMB 80	Order No.	
 <p>EMB 80 Floor Spring with electro-hydraulic hold-open device (with 3.5m cable, without cable covering)</p>	EN4 EN5 EN6	82224000 82214000 ■ 82234000
EMB 80 - 24 Volt DC with cement case, adjustable latch action, back-check and spindle insert		
 <p>Universal cover plate 7410</p>	finish: stainless steel brass satin finish	46700000 46700100

Order No.

BTS 75V-A

Typical examples of complete floor spring and accessories for aluminium doors

BTS 75V NHO, 8062, 7422, 7510V & 2300	BTS75VA
BTS 75V 90 HO, 8062, 7422, 7510V & 2300	BTS75VA90

finish: satin stainless steel

BTS 75V-T

Typical examples of complete floor spring and accessories for timber doors

BTS 75V NHO, 8062, 7421, 7510V, 8064 & 2300	BTS75VT
BTS 75V 90 HO, 8062, 7421, 7510V, 8064 & 2300	BTS75VT90

finish: satin stainless steel

BTS 80-A

Typical examples of complete floor spring and accessories for aluminium doors

BTS 80 EN3, 8062, 7422, 7410 & 2300	BTS803A
BTS 80 EN4, 8062, 7422, 7410 & 2300	BTS804A
BTS 80 EN6, 8062, 7422, 7410 & 2300	BTS806A

finish: satin stainless steel

BTS 80-T

Typical examples of complete floor spring and accessories for timber doors

BTS 80 EN3, 8062, 7421, 7410, 8064 & 2300	BTS803T
BTS 80 EN4, 8062, 7421, 7410, 8064 & 2300	BTS804T
BTS 80 EN6, 8062, 7421, 7410, 8064 & 2300	BTS806T

finish: satin stainless steel

BTS 84-A

Typical examples of complete floor spring and accessories for aluminium doors

BTS 84 EN2 NHO, 8062, 7422, 8410 & 2300	BTS842A
BTS 84 EN4 NHO, 8062, 7422, 8410 & 2300	BTS844A
BTS 84 EN2 90 HO, 8062, 7422, 8410 & 2300	BTS842A90
BTS 84 EN4 90 HO, 8062, 7422, 8410 & 2300	BTS844A90

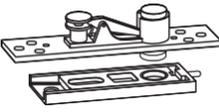
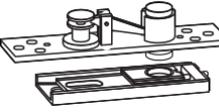
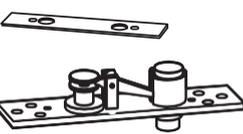
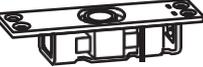
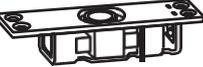
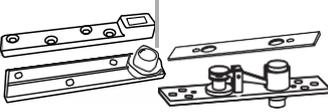
finish: satin stainless steel

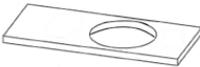
BTS 84-T

Typical examples of complete floor spring and accessories for timber doors

BTS 84 EN2 NHO, 8062, 7421, 8410, 8064 & 2300	BTS842T
BTS 84 EN4 NHO, 8062, 7421, 8410, 8064 & 2300	BTS844T
BTS 84 EN2 90 HO, 8062, 7421, 8410, 8064 & 2300	BTS842T90
BTS 84 EN4 90 HO, 8062, 7421, 8410, 8064 & 2300	BTS844T90

finish: satin stainless steel

		Order No.
	7421 Door strap for double action doors, zinc plated	46010001
	7422 Universal door strap for double action aluminium doors	46010002
	8062 Top centres with needle bearing, diecast max door weight 200kg	46300003
	upper portion	46020031
	lower portion	46020033
	8066 Top centres for double action doors steel for max. door weight 300kg	46300006
	upper portion	46020036
	lower portion	46020047
	Cover plate 8064 finish: stainless steel 46020044 brass 10000046	
	7461 steel, diameter of pin - 13mm max door weight 200kg	46020050
	7463-type B, steel, with needle bearing max door weight 200kg	46020049
	BTS 65 Pivot (incl. top pivot with cover plate and bottom strap) finish: satin stainless steel	81006148
Offset Accessories		
	Bottom door strap 7411/56 screw-in type, zinc plated, for single action doors - 36mm offset	45010003
	Top centre 7411K/56 screw-in type, zinc plated, for single action doors - 36mm offset	45300016
Covers to suit Aluminium cover caps for single action accessories Aluminium anodised silver		
	7481, single, for 7411/56 left hand 45055400 right hand 45051400	
	7483, set of 2, for 7411K/56	45500401
DORMA Sealing Compound 2300		45090086
	Note: Where floor springs are used externally or are exposed to wet conditions (floor washing etc.) See product information - safety instructions section in this price list clause 2.3	
Recommended product		

		Order No.	
	Floor pivot bearing 7471 K with thrust bearing, without lever	45070001	
	Floor pivot bearing 7471 AX with angular bearing, without lever for max. door weight of 300kg	45070002	
	Floor pivot bearing 7475 AX with angular bearing, without lever for max. door weight of 300kg	45070003	
	Small stainless steel cover plate 7470 for floor pivot bearing Art.-No. 7471K/AX	46040018	
	Cover plate to suit 7475 AX finish: stainless steel	10000105	
	Guide housing 7453 N/300 mm	45090053	
	Swing lever 7451 N including stainless steel top washer	45090070	
	Top washer, Art.-No. 7432, stainless steel	1167100000	
<hr/>			
Standard spindle insert			
	Standard spindle insert	45200401	
	extended by 5 mm	45200402	
	extended by 7.5 mm	45200403	
	extended by 10 mm	45200404	
	extended by 12.5 mm	45200419	
	extended by 15 mm	45200405	
	extended by 20 mm	45200406	
	extended by 25 mm	45200407	
	extended by 30 mm	45200408	
	extended by 35 mm	45200409	
	extended by 40 mm	45200410	
	extended by 45 mm	45200411	
extended by 50 mm	45200412		
<hr/>			
Standard spindle 3° Offset for single action doors			
		ISO 6 (L.H)	ISO 5 (R.H)
	Standard	45205418	45201418
	extended by 5 mm	45205420	45201420
	extended by 10 mm	45205404	45201404
	extended by 15 mm	45205405	45201405
	extended by 20 mm	45205406	45201406
	extended by 25 mm	45205407	45201407
	extended by 30 mm	45205408	45201408
<hr/>			
Parts cement box			
	BTS 75V	45090054	
	BTS 80	45090056	
	BTS 84	1418700000	

		Order No.	
	RTS 85 EN3	For single and double-action doors (70mm pivot point)	
		non hold-open	8500 85311101
		hold-open 105°	8501 85313101
		hold-open 90°	8502 85312101
	RTS 85 EN4	For single and double-action doors (70mm pivot point)	
		non hold-open	8500 85321101
		hold-open 105°	8501 85323101
		hold-open 90°	8502 85322101
	RTS 85 EN5	For single and double-action doors (70mm pivot point)	
		non hold-open	8500 85331101
		hold-open 105°	8501 85333101
		hold-open 90°	8502 85332101

Please specify size of closer and function: hold open 90° or 105° or non hold open.	door width up to...	door width up to...	closer size
	exterior doors	interior doors	
	750mm	950mm	EN 3
	900mm	1050mm	EN 4
1050mm	1250mm	EN 5	

F Only applies to non hold-open

Accessories for single action doors

(70mm pivot point)



closer arm with slide channel	Art.-No. 8510	85210001
closer arm cranked with slide channel	Art.-No. 8510C	85210003

Accessories for double action doors

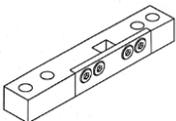
(70mm pivot point)



closer arm side-load with arm channel	Art.-No. 8530	85210005
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end-load arm	Art.-No. 8534	85210009
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closer arm side-load to suit timber door 35mm min. thickness	Art.-No. D080.12	D080-12
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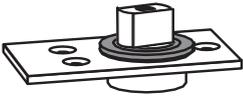
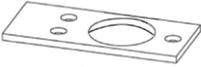
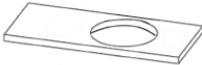
Floor pivot for side-load installation, 27mm high - timber doors	Art.-No. 8550	65310300
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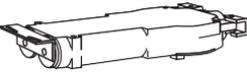


floor pivot for side-load installation, 57mm high - aluminium doors	Art.-No. 8551	65410300
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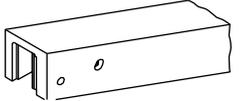
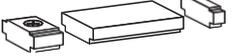
floor pivot for end-load installation, 27mm high	Art.-No. 8552	65320300
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RTS 85		Order No.	
	RTS 85		
	Floor pivot with flat spindle non hold-open	Art.-No. 8560 G (355.5)	65540000
		with 2.5mm extension	85210033
		with 5mm extension	85210025
		with 10mm extension	85210026
		with 15mm extension	85210027
		with 20mm extension	85210028
	with 50mm extension	85210031	
	Packer to suit 355.5	5mm Packer to suit 355.5	10000102
		10mm Packer to suit 355.5	10000103
	Cover plate to suit 355.5	stainless steel	10000105
	Fixing bracket for RTS 85 with 70mm pivot point	Art.-No. 8520	65000040
	Fixing adjustment angle bracket		65000041
	Fixing bracket for RTS 85 G with 65mm pivot point	Art.- No. 8520 G	23906001
	Extension for RTS 85-40mm	Art.-No. 8521M	85110002
	Cover plate - to suit steel and wooden door frames	Art.-No. RTS85W	
		satin stainless steel	10000051A
	Metal box for mounting RTS 85 into steel frame	Art.-No RTS 85 MB	10000041A

RTS 84		Order No.		
	RTS 84			
	Overhead concealed door closer with 3° offset spindle			
	For single action doors up to 1100mm in width	non hold open	EN4	ISO 6 10000002
		90° hold open	EN4	ISO 5 10000013
	Accessories	spindle insert		
3° offset		EN4	10000011 10000010	
	Cover plate - to suit steel and wooden door frames	Art.-No. RTS84S		
		cover plate, satin stainless steel	10000031A	
	Metal box for mounting RTS 84 into steel frame	Art.-No RTS 85 MB	10000041A	

	Order No.
<p>RTS 85-A NON HOLD OPEN Typical examples of complete transom closer and accessories for aluminium doors</p> <p>RTS 85 EN3 NHO, 8530, 8551 RTS 85 EN4 NHO, 8530, 8551 RTS 85 EN5 NHO, 8530, 8551</p>	<p>RTS853A RTS854A RTS855A</p>
<p>RTS 85-A 90° Hold Open Typical examples of complete transom closer and accessories for aluminium doors</p> <p>RTS 85 EN3 90° HO, 8530, 8551 RTS 85 EN4 90° HO, 8530, 8551 RTS 85 EN5 90° HO, 8530, 8551</p>	<p>RTS853A90 RTS854A90 RTS855A90</p>
<p>RTS 85-A 105° Hold Open Typical examples of complete transom closer and accessories for aluminium doors</p> <p>RTS 85 EN3 105° HO, 8530, 8551 RTS 85 EN4 105° HO, 8530, 8551 RTS 85 EN5 105° HO, 8530, 8551</p>	<p>RTS853A105 RTS854A105 RTS855A105</p>
<p>RTS 85-T NON HOLD OPEN Typical examples of complete transom closer and accessories for timber doors (*N.B. Minimum door thickness 50mm)</p> <p>RTS 85 EN3 NHO, 85W, 8530, 8550 RTS 85 EN4 NHO, 85W, 8530, 8550 RTS 85 EN5 NHO, 85W, 8530, 8550 finish: silver</p>	<p>RTS853T RTS854T RTS855T</p>
<p>RTS 85-T 90° Hold Open Typical examples of complete transom closer and accessories for timber doors (*N.B. Minimum door thickness 50mm)</p> <p>RTS 85 EN3 90° HO, 85W, 8530, 8550 RTS 85 EN4 90° HO, 85W, 8530, 8550 RTS 85 EN5 90° HO, 85W, 8530, 8550 finish: silver</p>	<p>RTS853T90 RTS854T90 RTS855T90</p>
<p>RTS 85-T 105° Hold Open Typical examples of complete transom closer and accessories for timber doors (*N.B. Minimum door thickness 50mm)</p> <p>RTS 85 EN3 105° HO, 85W, 8530, 8550 RTS 85 EN4 105° HO, 85W, 8530, 8550 RTS 85 EN5 105° HO, 85W, 8530, 8550 finish: silver</p>	<p>RTS853T105 RTS854T105 RTS855T105</p>
<p>RTS 85-F Non Hold Open Typical examples of complete transom closer and accessories for fire doors (*N.B. Minimum door thickness 50mm)</p> <p>RTS 85 EN3 NHO, 85MB, 85W, 8530, 7421, 7475AX RTS 85 EN4 NHO, 85MB, 85W, 8530, 7421, 7475AX RTS 85 EN5 NHO, 85MB, 85W, 8530, 7421, 7475AX finish: silver</p>	<p>RTS853F RTS854F RTS855F</p>

		Order No.
Surface mounted with standard base plate		
	EM 100G	69011111
	EM 500G	69011511
<hr/>		
Floor, ceiling or wall installation, supplied with manual release button		
	EM 100A	69011131
	EM 500A	69011531
<hr/>		
Angle bracket for floor mounting		
	EM 100G, EM 100A, EM 500G & EM 500A	69011540
<hr/>		
Floor, ceiling or wall installation, supplied with manual release button		
	EM 500-H x 150 / 175 mm	69015005
	EM 500-H x 300 / 325 mm	69015006
	EM 500-H x 450 / 475 mm	69015007
<hr/>		
Receiver plate standard		
	MAG	69020110
<hr/>		
Swivel receiver plate for angle adjustment		
	MAW	69020111

		Order No.
	<p>PORTEO Door Assistant Including slide channel, arm and mounting plate for four mounting applications, non handed, with cable plug.</p> <p style="text-align: right;">finish: silver</p>	60010001
	<p>Angle bracket for slide channel PORTEO</p> <p style="text-align: right;">finish: silver</p>	60041001
	<p>Mounting plate, 30mm for slide channel PORTEO</p> <p style="text-align: right;">finish: silver</p>	■ 60041101
	<p>Mounting plate, 40mm for slide channel PORTEO</p> <p style="text-align: right;">finish: silver</p>	■ 60041201
	<p>Glass door shoe for slide channel PORTEO</p> <p style="text-align: right;">finish: silver</p>	60041301
	<p>Cushioned limit stop for G-N slide channel PORTEO</p>	35800093
	<p>Type 500 flexible conduit for PORTEO door leaf mounting</p>	60041401
	<p>Switch, Systems 55 for concealed mounting, contacts 1-pole, single-unit trim</p> <p style="text-align: right;">finish: white</p>	19144701170
	<p>Hand-held transmitter DORMA RC-T incl. battery, 4 switches, 2 channels, frequency: 433.92 MHz, plastic, black, 224 x 82mm</p>	16562101170
	<p>Receiver DORMA RC-R Receiver board with adaptor for installation in PORTEO, 24V DC, 1 channel, self learning. Max. 100mA, frequency: 433.92MHz</p>	16562301170

AUTOMATIC SWING DOOR OPERATORS ED100



NOTE: Fixed install and commission charge will apply to all automatic swing door operators sold.

	Order No.	
	ED 100 Automatic Door Swing Operator (does not include cover or arm)	D29222301
	ED Upgrade Cards ED100 Upgrade card full energy ED Upgrade card professional	D29251022 D29253001
	ED Cover ED cover basic - for single leaf swing door systems finish: silver ED cover professional - for double leaf swing door systems 1450 - 3200mm finish: silver	D29241001 D29243003
	ED ESR Coordinator ESR Door coordinator for hinge distances of up to 2800mm finish: silver	D29261001
	ED Standard Arms ED Standard arm 225 for lintel depths up to 225mm and push side installations finish: silver	D29271001
	ED Slide Arms ED slide channel set including slide channel and arm for pull side installations finish: silver	D29275001
	ED Axle Extensions ED axle extension 30mm ED axle extension 60mm finish: chromated black	D29278001 D29278101
	Cable ED Connection cable set for double leaf operators	D29262003
	Accessories BRC-H Hand held transmitter BRC-R Receiver BRC-T Built in transmitter BRC-W Wireless wall transmitter Touchless switch Mounting Block for touchless switch Electromagnetic lock FEM2600/3500M LED IND IRS Junction box IRS Power supply IRS-2-33 Safety sensor IRS-2-70 Safety sensor Prosecure easy motion sensor silver Prosecure easy motion sensor black P2 Push button Privacy assembly standard Privacy assembly MLAK Push Button with Handicap symbol Push Button Standard PK2 Spring return switch PK4 Spring return switch	D29301004 D29302002 D29301003 D29301002 B12010039 B12001039H N/A D90700038 D90700037 D16521701150 D16521706150 A86002000 A86001000 B90009006 A10109025 A10109018 D19143201170 D19143001170 A81009002 A81009004
	ED 100 INSTALLATION AND COMMISSIONING	
	Privacy Package Privacy electromagnetic lock and keyswitch	install private
	Standard application Push button sensor activation, IRS and additional accessories	install standard

*Price is subject to inspection of site conditions and installation requirements and may vary accordingly.

AUTOMATIC SWING DOOR OPERATORS ED250



NOTE: Fixed install and commission charge will apply to all automatic swing door operators sold.

	Order No.	
	ED 250 Automatic Door Swing Operator (does not include cover or arm)	D29202301
	ED Upgrade Cards ED250 Upgrade card full energy ED Upgrade card professional	D29251020 D29253001
ED Cover ED cover basic - for single leaf swing door systems finish: silver ED cover professional - for double leaf swing door systems 1450 - 3200mm finish: silver	D29241001 D29243003	
ED ESR Coordinator ESR Door coordinator for hinge distances of up to 2800mm finish: silver	D29261001	
ED Standard Arms ED Standard arm 225 for lintel depths up to 225mm and push side installations finish: silver	D29271001	
ED Slide Arms ED slide channel set including slide channel and arm for pull side installations finish: silver	D29275001	
ED Axle Extensions ED axle extension 30mm ED axle extension 60mm ED axle extension 90mm finish: chromated black	D29278001 D29278101 D29278102	
Cable ED Connection cable set for double leaf operators	D29262003	
Accessories BRC-H Hand held transmitter BRC-R Receiver BRC-T Built in transmitter BRC-W Wireless wall transmitter Touchless switch Mounting Block for touchless switch Electromagnetic lock FEM2600/3500M LED IND IRS Junction box IRS Power supply IRS-2-33 Safety sensor IRS-2-70 Safety sensor Prosecure easy motion sensor silver Prosecure easy motion sensor black P2 Push button Privacy assembly standard Privacy assembly MLAK Push Button with Handicap symbol Push Button Standard PK2 Spring return switch PK4 Spring return switch	D29301004 D29302002 D29301003 D29301002 B12010039 B12001039H N/A D90700038 D90700037 D16521701150 D16521706150 A86002000 A86001000 B90009006 A10109025 A10109018 D19143201170 D19143001170 A81009002 A81009004	
ED 100 INSTALLATION AND COMMISSIONING		
Privacy Package Privacy electromagnetic lock and keyswitch	install private	
Standard application Push button sensor activation, IRS and additional accessories	install standard	

*Price is subject to inspection of site conditions and installation requirements and may vary accordingly.

DORMA ST9600 & ST9200 SERIES ORDERING INFORMATION



DORMA's ST9600 & ST9200 Series heavy duty mortice locksets and latches provide exceptional security, enhanced aesthetics and exceptional dependability.

Designed in Australia to meet the needs of the Australasian market these premium performance locksets and latches are built with a heavy duty zinc alloy mortice chassis for use in all applications. With a wide variety of lock functions the DORMA ST9600 and ST9200 series mortice locks will have the right function to meet your hardware specification requirements.



PRODUCT FINISHES ORDERING PROCEDURE - ST9600 & ST9200 MORTICE LOCK PRICE LIST ONLY

AVAILABLE FINISHES:

SSS SATIN STAINLESS STEEL	ORDER CODE 01
PSS POLISHED STAINLESS STEEL	ORDER CODE 02
SCP SATIN CHROME PLATE	ORDER CODE 04
CP CHROME PLATE	ORDER CODE 05

NOTE: DORMA Order No. codes listed in mortice lock price list section only, are for Satin Stainless Steel finish. Last two digits in order code are finish, to change finishes of locks and accessories see above to change. Goods ending with 99 have no option on finish. Cylinders are only available in a Satin Chrome Plate or Chrome Plate finish.

EXAMPLE:

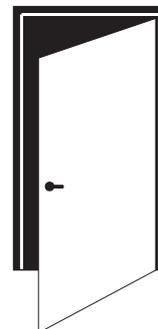
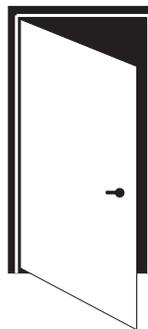
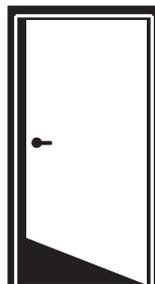
SSS FINISH: DORMA ST9602 BASE STOCK DL96020001 PSS FINISH: DORMA ST9602 BASE STOCK DL96020002

Note: In the case of mortice locks being ordered with cylinders Satin Stainless Steel mortice locks will be provided with Satin Chrome Plate cylinders and Polished Stainless Steel mortice locks will be provided with Chrome Plate cylinders. DORMA ST9600 Series Mortice Locks ordered as complete locksets will contain the appropriate quantity of cam, snib adaptor or both as required, but do not include escutcheons, turn snibs or door furniture. Base locks do not include cylinders, cams or snib adaptors.

HANDING CONFIGURATION

Locks will be supplied non handed. Handing configuration is for specification purposes only

INSIDE



OUTSIDE

OPEN IN RIGHT HAND

LEFT HAND OPEN IN

OPEN OUT RIGHT HAND

LEFT HAND OPEN OUT

EUROPEAN HANDINGS

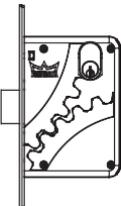
*European ISO Handing refer to door controls and glass products



ST9600 Series II Mortice Nightlatch

ST9600 Base lock SSS	94096000001	
		complete locks with no cyl
ST9600DX Single cylinder nightlatch SSS	94096000101RNC	94096000101LNC
ST9600DXDX Double cylinder nightlatch SSS	94096000201RNC	94096000201LNC
ST9600DXT Cylinder & turn snib nightlatch SSS	94096000301RNC	94096000301LNC
ST9600T turn snib nightlatch SSS	94096000401R	94096000401L

F



ST9601 Series II Mortice Deadbolt

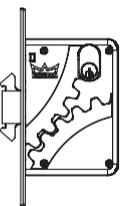
ST9601 Base lock SSS	94096010001	
		complete locks with no cyl
ST9601DY Single cylinder deadbolt SSS	94096010101NC	
ST9601DYDY Double cylinder deadbolt SSS	94096010201NC	
ST9601DWT Cylinder & turn snib deadbolt SSS	94096010301NC	
ST9600T Turn snib deadbolt SSS	94096010401	

ST9602 Series II Vestibule Mortice Lock



ST9602 Base lock SSS	94096020001	
		complete locks with no cyl
ST9602DX Store room lock SSS	94096020501RNC	94096020501LNC
ST9602DX Escape lock SSS	94096020601RNC	94096020601LNC
ST9602DZ Classroom lock SSS	94096020701RNC	94096020701LNC
ST9602DZ Single cylinder exit door lock SSS	94096021701RNC	94096021701LNC
ST9602A dual function classroom lock SSS	94096021101RNC	94096021101LNC
ST9602DXDX Double cylinder exit lock	94096021601RNC	94096021601LNC
ST9602DZDZ Communicating exit lock SSS	94096023001RNC	94096023001LNC
ST9602DWT Entrance and office lock SSS	94096021201RNC	94096021201LNC
ST9602DXT Entrance lock SSS	94096021301RNC	94096021301LNC
ST9602T Turn exit door lock SSS	94096021801R	94096021801L
ST9602PT Antilockout privacy latch SSS	94096020801R	94096020801L
ST9602ET Antilockout hospital privacy latch SSS	94096020901R	94096020901L
ST9602 Exit doorlatch SSS	94096021401R	94096021401L
ST9602 Anti vandal exit doorlatch SSS	94096021501R	94096021501L

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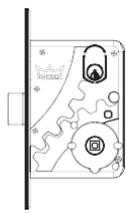


ST9603 Series II Sliding Door Mortice Deadlock

ST9603 Base lock SSS	94096030001	
		complete locks with no cyl
ST9603DY Single cylinder deadbolt SSS	94096030101NC	
ST9603DYDY Double cylinder deadbolt SSS	94096030201NC	
ST9603DWT Cylinder & turn snib deadbolt SSS	94096030301NC	
ST9603T Turn snib deadbolt SSS	94096010401	
ST9603PT Privacy deadbolt SSS	94096032301	
ST9603ET Emergency privacy deadbolt SSS	94096032401	

DORMA ST9600 SERIES II MORTICE LOCKS

Order No.



ST9604 Series II Combination Lock

ST9602 Base lock SSS	94096020001
complete locks with no cyl	
ST9604DZ Glass door locking latch SSS	94096042001RNC 94096042001LNC
ST9604DZ Patio security lock SSS	94096042101RNC 94096042101LNC
ST9604DZDZ Double cylinder entry lock SSS	94096041601RNC 94096041601LNC
ST9604DXDZ Internal cylinder lock SSS	94096042501RNC 94096042501LNC
ST9604DXDZ Access control lock SSS	94096042901RNC 94096042901LNC
ST9604DWT Office lock SSS	94096041901RNC 94096041901LNC
ST9604DXT Entrance and office lock SSS	94096041301RNC 94096041301LNC
ST9604T Patio lock SSS	94096042601RNC 94096042601LNC
ST9604PT Privacy latch SSS	94096042301R 94096042301L
ST9604ET Hospital privacy latch SSS	94096042401R 94096042401L
ST9604 Passage latch SSS	94096042201

F

DORMA ST9600 SERIES II ACCESSORIES

Order No.

Cylinders



9630-DW Oval cylinder SCP	DL96300804
9630-DX Oval cylinder SCP	DL96300704
9630-DY Oval cylinder SCP	DL96300904
9630-DZ Oval cylinder SCP	DL96300604
9630-A Oval cylinder SCP	DL96300204



SNIB Adaptors

9640SA-DX Lock case snib adaptor	DL96400599
9640SA-DY Lock case snib adaptor	DL96400699
9640SA-DZ Lock case snib adaptor	DL96400499



Cams

9650C-DW Cam	DL96500899
9650C-DX Cam	DL96500799
9650C-DY Cam	DL96500999
9650C-DZ Cam	DL96500699
9650C-A Cam	DL96500299



Rebate Kits

9680-REB rebate kit SSS	DL96800001
9680-REBD rebate kit SSS	DL96800101

Strike and Face Plates

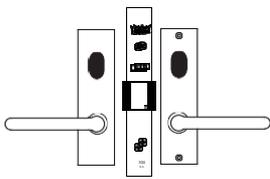
9660-00 Universal strike plate SSS	94096600001
9660-01 Deadbolt strike plate SSS	94096600101
9660-02 Base lock face plate SSS - ST9600 & ST9602	94096600201
9660-03 Latch face plate SSS - ST9604 latch	94096600301
9660-04 Deadbolt face plate - ST9601 & ST9603	94096600401
9660-05 Strike box - ST9600, ST9602 & ST9604	DL96600599
9660-06 Strike box - ST9601 Series II	DL96600699
9660-07 Narrow lip (25.5mm) strike plate SSS	DL96600701
9660-08 Long lip (48mm) strike plate SSS	DL96600801

Accessories Screw Packs

9670-00 Screw pack SSS - ST9600	94096700001
9670-01 Screw pack SSS - ST9601 & ST9603	DL96700101
9670-02 Screw pack SSS - ST9602 & ST9604 Lock	94096700201
9670-03 Screw pack SSS - ST9604 Passage latch	94096700301
9660-41 Aluminium door fixing kit SSS	94096604101

Timber door kits with cylinder

Order No.



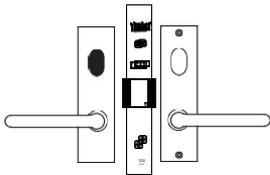
ST9602 Kit 1T S30 - Double cylinder entry lock

60mm Standard backset lock with cylinders, cams
6600/30 & 6601/30 door furniture

finish: satin stainless steel

Keyed to differ
Keyed alike

ST9602KIT1TS30
ST9602KIT1TS30KA



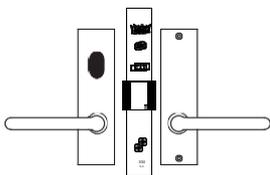
ST9602 Kit 3T S30 - Office lock

60mm backset lock with cylinder, cam, snib adaptor,
6600/30 & 6603/30 door furniture

finish: satin stainless steel

Keyed to differ
Keyed alike

ST9602KIT3TS30
ST9602KIT3TS30KA



ST9602 Kit 6T S30 - Classroom lock

60mm backset lock with cylinder, cams
6600/30 & 6606/30 door furniture

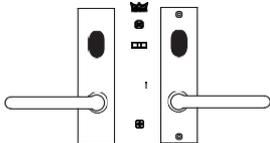
finish: satin stainless steel

Keyed to differ
Keyed alike

ST9602KIT6TS30
ST9602KIT6TS30KA

Timber door kits with no cylinder

Order No.



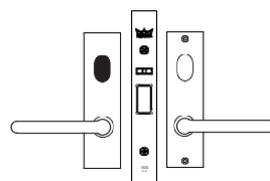
ST9602 Kit 1T S30NC - Double cylinder entry lock

60mm backset lock no cylinder, cams
6600/30 & 6601/30 door furniture

finish: satin stainless steel

ST9602KIT1TS30NC

*Kit does not include cylinders



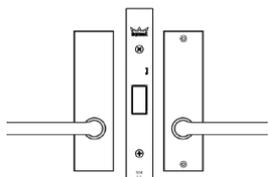
ST9602 Kit 3T S30NC - Office lock

60mm backset lock no cylinder, cam, snib adaptor,
6600/30 & 6603/30 door furniture

finish: satin stainless steel

ST9602KIT3TS30NC

*Kit does not include cylinders



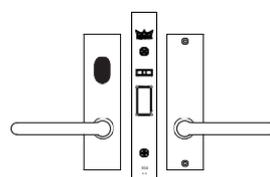
ST9602 Kit 5T S30 - Passage Latch

60mm backset lock no cylinder, cam,
6605/30 & 6606/30 door furniture

finish: satin stainless steel

ST9602KIT5TS30

*Kit does not include cylinders



ST9602 Kit 6T S30NC - Classroom lock

60mm backset lock no cylinder, cams
6600/30 & 6606/30 door furniture

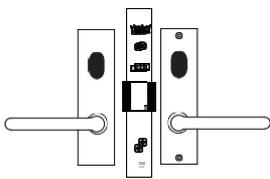
finish: satin stainless steel

ST9602KIT6TS30NC

*Kit does not include cylinders

Aluminium door kits with cylinder

Order No.



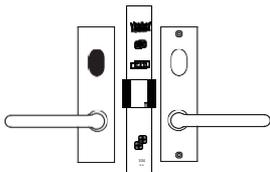
ST9602 Kit 1A S30 - Double cylinder entry lock

60mm backset lock with cylinders, cams
6600/30 & 6601/30 door furniture, 9660-41 fixing kit

finish: satin stainless steel

Keyed to differ
Keyed alike

ST9602KIT1AS30
ST9602KIT1AS30KA



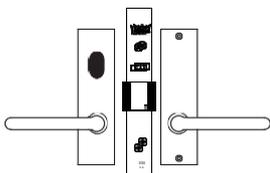
ST9602 Kit 3A S30 - Office lock

60mm backset lock with cylinder, cam, snib adaptor,
6600/30 & 6603/30 door furniture, 9660-41 fixing kit

finish: satin stainless steel

Keyed to differ
Keyed alike

ST9602KIT3AS30
ST9602KIT3AS30KA



ST9602 Kit 6A S30 - Classroom lock

60mm backset lock with cylinder, cams
6600/30 & 6606/30 door furniture

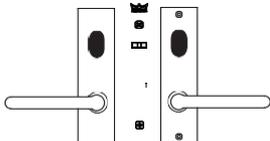
finish: satin stainless steel

Keyed to differ
Keyed alike

ST9602KIT6AS30
ST9602KIT6AS30KA

Aluminium door kits with no cylinder

Order No.



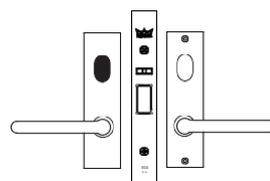
ST9602 Kit 1A S30NC - Double cylinder entry lock

60mm backset lock no cylinder, cams
6600/30 & 6601/30 door furniture, 9660-41 fixing kit

finish: satin stainless steel

ST9212KIT1AS30NC

*Kit does not include cylinders



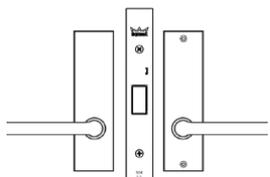
ST9602 Kit 3A S30NC - Office lock

60mm backset lock no cylinder, cam, snib adaptor
6600/30 & 6603/30 door furniture, 9660-41 fixing kit

finish: satin stainless steel

ST9602KIT3AS30NC

*Kit does not include cylinders



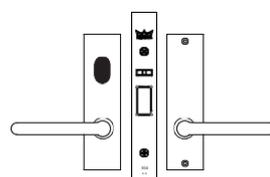
ST9602 Kit 5A S30 - Passage Latch

60mm backset lock no cylinder, cam, snib adaptor,
6605/30 & 6606/30 door furniture, 9660-41 fixing kit

finish: satin stainless steel

ST9212KIT5AS30

*Kit does not include cylinders



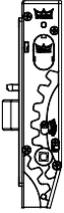
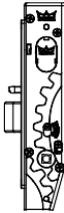
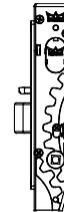
ST9602 Kit 6A S30NC - Classroom lock

60mm backset lock no cylinder, cams
6600/30 & 6606/30 door furniture, 9660-41 fixing kit

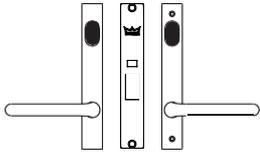
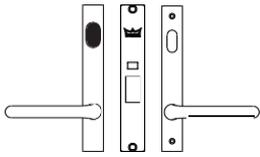
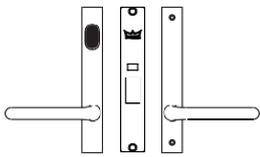
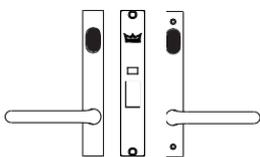
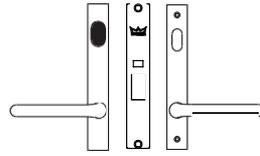
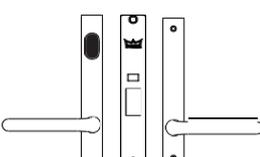
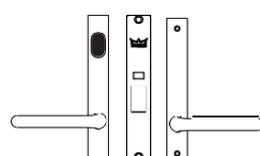
finish: satin stainless steel

ST9212KIT6AS30NC

*Kit does not include cylinders

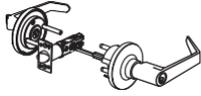
		Order No.
	ST9210 Series 23mm Backset Narrow Stile Mortice Nightlatch	
	ST9212 Base lock SSS ST9210DXT Cylinder & turn snib nightlatch SSS	DL92120001 complete locks with no cyl DL92100401RNC DL92100401LNC
	ST9212 Series 23mm Backset Narrow Stile Mortice Vestibule Lock	
	ST9212 Base lock SSS ST9212DX Store room lock SSS ST9212DX Escape lock SSS ST9212DZ Classroom lock SSS ST9212DXDZ Double cylinder exit lock SSS ST9212DZDZ Communicating exit lock SSS ST9212DWT Entrance & office lock SSS ST9212DXT Entrance lock SSS	DL92120001 complete locks with no cyl DL92120501RNC DL92120501LNC DL92120601RNC DL92120601LNC DL92120701RNC DL92120701LNC DL92121601RNC DL92121601LNC DL92123001RNC DL92123001LNC DL92121901RNC DL92121901LNC DL92121301RNC DL92121301LNC
	ST9214 Series 23mm Backset Narrow Stile Mortice Combination Lock	
	ST9212 Base lock SSS ST9214DZ Glass door locking latch SSS ST9214DXDZ Internal cylinder lock SSS ST9214DZDZ Double cylinder entrance lock SSS ST9214DWT Office lock SSS ST9214DXT Entrance & office lock SSS ST9214T Patio lock SSS ST9214PT Privacy latch SSS ST9214ET Hospital privacy latch SSS ST9214 Passage latch SSS	DL92120001 complete locks with no cyl DL92142001RNC DL92142001LNC DL92142501RNC DL92142501LNC DL92141601RNC DL92141601LNC DL92141901RNC DL92141901LNC DL92141301RNC DL92141301LNC DL92142601R DL92142601L DL92142301R DL92142301L DL92142401R DL92142401L DL92120001

		Order No.
Cylinders		
	9630-DW Oval cylinder SCP	DL96300804
	9630-DX Oval cylinder SCP	DL96300704
	9630-DZ Oval cylinder SCP	DL96300604
SNIB Adaptors		
	9640SA-DX Lock case snib adaptor	DL96400599
	9640SA-DZ Lock case snib adaptor	DL96400499
Cams		
  	9650C-DW Cam	DL96500899
	9650C-DX Cam	DL96500799
	9650C-DZ Cam	DL96500699
Strike and Face Plates		
	9260-00 Universal strike plate SSS	DL92600001
	9260-02 Primary lock face plate (aluminium door)	DL92600201
	9260-06 Universal strike plate and strike box with fixing screws	DL92600601
Screw packs		
	9270-02 SCREW PACK SSS - ST9212 (aluminium door)	DL92700201

Kits with cylinder	Order No.
	<p>ST9212 Kit 1 S30 - Double cylinder entry lock Narrow stile lock with cylinders, cams 6400/30 & 6401/30 door furniture</p> <p>finish: satin stainless steel Keyed to differ Keyed alike</p> <p>ST9212KIT1S30 ST9212KIT1S30KA</p>
	<p>ST9212 Kit 3 S30 - Office lock Narrow stile lock with cylinder, cam, snib adaptor, 6400/30 & 6403/30 door furniture</p> <p>finish: satin stainless steel Keyed to differ Keyed alike</p> <p>ST9212KIT3S30 ST9212KIT3S30KA</p>
	<p>ST9212 Kit 6 S30 - Classroom lock Narrow stile lock with cylinder, cams 6400/30 & 6406/30 door furniture</p> <p>finish: satin stainless steel Keyed to differ Keyed alike</p> <p>ST9212KIT6S30 ST9212KIT6S30KA</p>
Kits with no cylinder	Order No.
	<p>ST9212 Kit 1 S30NC - Double cylinder entry lock Narrow stile lock no cylinder, cams 6400/30 & 6401/30 door furniture</p> <p>finish: satin stainless steel</p> <p>ST9212KIT1S30NC</p> <p>*Kit does not include cylinders</p>
	<p>ST9212 Kit 3 S30NC - Office lock Narrow stile lock no cylinder, cam, snib adaptor, 6400/30 & 6403/30 door furniture</p> <p>finish: satin stainless steel</p> <p>ST9212KIT3S30NC</p> <p>*Kit does not include cylinders</p>
	<p>ST9212 Kit 5 S30NC - Passage Latch Narrow stile lock no cylinder, cam, snib adaptor, 6405/30 & 6406/30 door furniture</p> <p>finish: satin stainless steel</p> <p>ST9212KIT5S30NC</p> <p>*Kit does not include cylinders</p>
	<p>ST9212 Kit 6 S30NC - Classroom lock Narrow stile lock no cylinder, cams 6400/30 & 6406/30 door furniture</p> <p>finish: satin stainless steel</p> <p>ST9212KIT6S30NC</p> <p>*Kit does not include cylinders</p>

Order No.

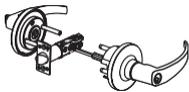
LR Lever Design Series



CL601 DLR Dummy trim one side SCP	■ CL60011104
CL610 DLR Passage set SCP	CL60101104
CL640 DLR Privacy lockset SCP	CL60041104
CL651 DLR Entry lockset SCP	CL60051104
CL660 DLR Communicating lockset SCP	CL60061104
CL670 DLR Classroom lockset SCP	CL60071104
CL680 DLR Storeroom lockset SCP	CL60081104

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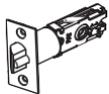
LC Lever Design Series



CL601 DLC Dummy trim one side SCP	■ CL60012104
CL610 DLC Passage set SCP	CL60102104
CL640 DLC Privacy lockset SCP	CL60042104
CL651 DLC Entry lockset SCP	CL60052104
CL660 DLR Communicating lockset SCP	CL60062104
CL670 DLC Classroom lockset SCP	CL60072104
CL680 DLC Storeroom lockset SCP	CL60082104

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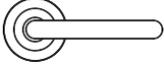
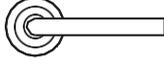
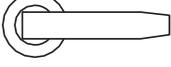
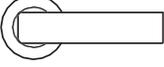
Accessories & Spare Parts

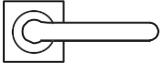
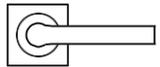
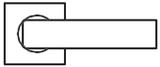
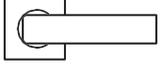


16190 60mm-70mm Adjustable backset dead latch SCP (suits CL670 & CL680)	■ CL60430004
16170 60mm-70mm Adjustable backset dead latch SCP (suits CL651 & CL660)	■ CL60400004
16120 60mm-70mm Adjustable backset plain latch SCP (suits CL610 & CL640)	■ CL60410004
16127 127mm Backset dead latch SCP	CL60420004
5101-118 Universal strike plate SCP	■ CL60200004
5201-118 Square full lip strike SCP	■ CL60210004
CL600 Screw pack 76001691 SCP	■ CL60300004
CL601 Screw pack 76001693 SCP (suits CL601 only)	■ CL60310004
CL600-REB Rebate kit SCP	CL60500001

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Notes: List prices for keyed locks include standard C4 6 Pin cylinder. Keyed to Differ with two keys.
Pricing on other finishes upon request.

		Order No.
	Noosa Lever 30	
	5300/30 "NOOSA" Lever on rose set SSS	DF53003001
	5301/30 "NOOSA" Ext lever on rose SSS	DF53013001
	5302/30 "NOOSA" Int lever on rose SSS	DF53023001
	Sorrento Lever 31	
	5300/31 "SORRENTO" Lever on rose set SSS	DF53003101
	5301/31 "SORRENTO" Ext lever on rose SSS	DF53013101
	5302/31 "SORRENTO" Int lever on rose SSS	DF53023101
	Torquay Lever 37	
	5300/37 "TORQUAY" Lever on rose set SSS	DF53003701
	5301/37 "TORQUAY" Ext lever on rose SSS	DF53013701
	5302/37 "TORQUAY" Int lever on rose SSS	DF53023701
	Manly Lever 39	
	5300/39 "MANLY" Lever on set rose SSS	DF53003901
	5301/39 "MANLY" Ext lever on rose SSS	DF53013901
	5302/39 "MANLY" Int lever on rose SSS	DF53023901
	Mandurah Lever 40	
	5300/40 "MANDURAH" Lever on set rose SSS	DF53004001
	5301/40 "MANDURAH" Ext lever on rose SSS	DF53014001
	5302/40 "MANDURAH" Int lever on rose SSS	DF53024001

		Order No.
	Noosa Lever 30	
	5400/30 "NOOSA" Lever on rose set SSS	DF54003001
	5401/30 "NOOSA" Ext lever on rose SSS	DF54013001
	5402/30 "NOOSA" Int lever on rose SSS	DF54023001
	Sorrento Lever 31	
	5400/31 "SORRENTO" Lever on rose set SSS	DF54003101
	5401/31 "SORRENTO" Ext lever on rose SSS	DF54013101
	5402/31 "SORRENTO" Int lever on rose SSS	DF54023101
	Torquay Lever 37	
	5400/37 "TORQUAY" Lever on rose set SSS	DF54003701
	5401/37 "TORQUAY" Ext lever on rose SSS	DF54013701
	5402/37 "TORQUAY" Int lever on rose SSS	DF54023701
	Manly Lever 39	
	5400/39 "MANLY" Lever on rose set SSS	DF54003901
	5401/39 "MANLY" Ext lever on rose SS	DF54013901
	5402/39 "MANLY" Int lever on rose SSS	DF54023901
	Mandurah Lever 40	
	5400/40 "MANDURAH" Lever on rose set SSS	DF54004001
	5401/40 "MANDURAH" Ext lever on rose SSS	DF54014001
	5402/40 "MANDURAH" Int lever on rose SSS	DF54024001

Order No.

Escutcheons & Accessories



5403 Blank rose external SSS

DF54030001



5406 Oval cylinder escutcheon SSS

DF54200001



5407 Turn snib SSS

DF54300001



5408 Emer button SSS

DF54300101



5409 Indicating emer button SSS

DF54300201



5410 Dis turn snib SSS

DF54300301



5411 Indicating - dis turn snib SSS

DF54300401



5412 Indicating turn snib SSS

DF54300901

Spare Parts

5340/00 Standard furniture screws per 2,
to suit doors 32mm to 50mm

DF53400001

5340/01 Extended furniture screws per 2,
to suit doors 50mm to 100mm

DF53400101

5340/02 Escutcheon/turn screw pack

DF53400201

5350/00 Split spindle pack 2 spindles & 2 springs

DF53500099

5450/01 Outer rose incl. grub screws SSS

DF54500101

5440/03 Outer rose grub screw

DF54400301

5350/02 75mm Star spindle

DF53500299

5350/03 Extended split spindles per 2,
to suit doors up to 100mm

DF53500399

5350/04 Extended solid spindle each,
to suit doors up to 100mm

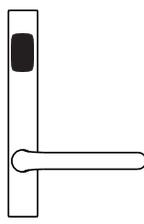
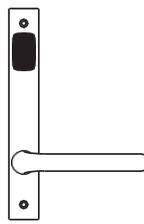
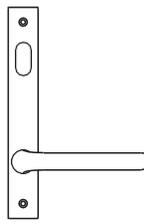
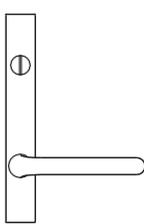
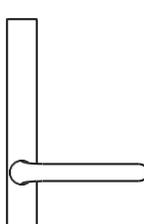
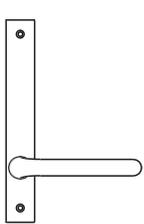
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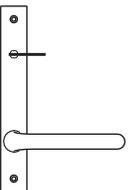
Options

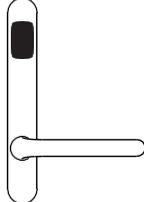
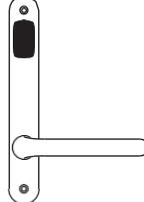
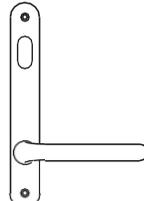
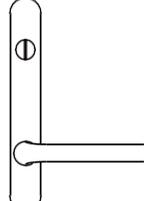
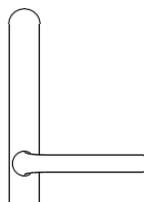
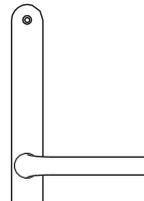
- ◆ FIXED LEVER
- ◆ POLYESTER POWDER COAT FINISH
(minimum nett powdercoat surcharge applies per order and consignment)

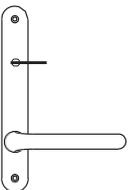
Finishes: **SATIN STAINLESS STEEL SSS ORDER CODE 01**
POLISHED STAINLESS STEEL PSS ORDER CODE 02

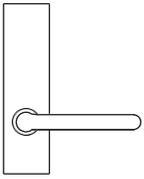
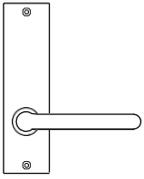
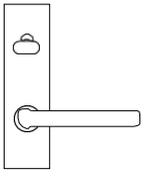
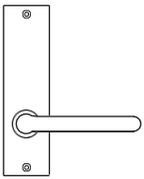
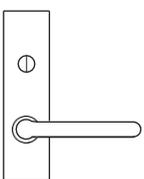
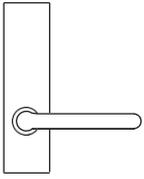
NOTE: 1. Order No. codes listed in the door furniture section, are for Satin Stainless Steel.
When ordering Polished Stainless Steel the last two digits in the order code would be
02. Goods ending with 99 have no option on finish.

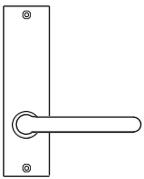
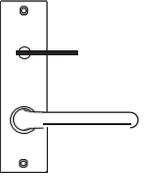
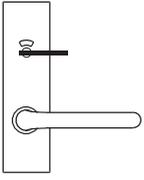
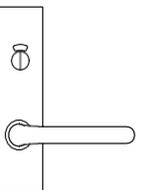
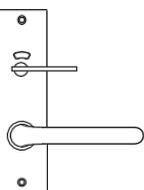
6400 NARROW SQUARE ENDPLATE FURNITURE	Order No.
 <p>6400/30 "NOOSA" Ext n/s plate cyl hole SSS 6400/31 "SORRENTO" Ext n/s plate cyl hole SSS 6400/37 "TORQUAY" Ext n/s plate cyl hole SSS 6400/39 "MANLY" Ext n/s plate cyl hole SSS 6400/40 "MANDURAH" Ext n/s plate cyl hole SSS</p>	<p>DF64003001 DF64003101 DF64003701 DF64003901 DF64004001</p>
 <p>6401/30 "NOOSA" Int n/s plate cyl hole SSS 6401/31 "SORRENTO" Int n/s plate cyl hole SSS 6401/37 "TORQUAY" Int n/s plate cyl hole SSS 6401/39 "MANLY" Int n/s plate cyl hole SSS 6401/40 "MANDURAH" Int n/s plate cyl hole SSS</p>	<p>DF64013001 DF64013101 DF64013701 DF64013901 DF64014001</p>
 <p>6403/30 "NOOSA" Int n/s plate turn SSS 6403/31 "SORRENTO" Int n/s plate turn SSS 6403/37 "TORQUAY" Int n/s plate turn SSS 6403/39 "MANLY" Int n/s plate turn SSS 6403/40 "MANDURAH" Int n/s plate turn SSS</p>	<p>DF64033001 DF64033101 DF64033701 DF64033901 DF64034001</p>
 <p>6404/30 "NOOSA" Ext n/s plate emer button SSS 6404/31 "SORRENTO" Ext n/s plate emer button SSS 6404/37 "TORQUAY" Ext n/s plate emer button SSS 6404/39 "MANLY" Ext n/s plate emer button SSS 6404/40 "MANDURAH" Ext n/s plate emer button SSS</p>	<p>DF64043001 DF64043101 DF64043701 DF64043901 DF64044001</p>
 <p>6405/30 "NOOSA" Ext n/s plain plate SSS 6405/31 "SORRENTO" Ext n/s plain plate SSS 6405/37 "TORQUAY" Ext n/s plain plate SSS 6405/39 "MANLY" Ext n/s plain plate SSS 6405/40 "MANDURAH" Ext n/s plain plate SSS</p>	<p>DF64053001 DF64053101 DF64053701 DF64053901 DF64054001</p>
 <p>6406/30 "NOOSA" Int n/s plain plate SSS 6406/31 "SORRENTO" Int n/s plain plate SSS 6406/37 "TORQUAY" Int n/s plain plate SSS 6406/39 "MANLY" Ext n/s plain plate SSS 6406/40 "MANDURAH" Ext n/s plain plate SSS</p>	<p>DF64063001 DF64063101 DF64063701 DF64063901 DF64064001</p>

6400 NARROW SQUARE ENDPLATE FURNITURE		Order No.	
	6407/30 "NOOSA" Int n/s plate dis turn SSS	DF64073001L	DF64073001R
	6407/31 "SORRENTO" Int n/s plate dis turn SSS	DF64073101L	DF64073101R
	6407/37 "TORQUAY" Int n/s plate dis turn SSS	DF64073701L	DF64073701R
	6407/39 "MANLY" Int n/s plate dis turn SSS	DF64073901L	DF64073901R
	6407/40 "MANDURAH" Int n/s plate dis turn SSS	DF64074001L	DF64074001R
	6410 Ext n/s plain plate cyl hole SSS	DF64100001	
	6411 Int n/s plain plate cyl hole SSS	DF64110001	
	6413 Int n/s plain plate turn SSS	DF64130001	
	6414 Ext n/s plain plate emer button SSS	DF64140001	
	6415 Ext n/s plain plate SSS	DF64150001	
	6416 Int n/s plain plate SSS	DF64160001	
	6417 Int n/s plain plate dis turn SSS	DF64170001L	DF64170001R
Spare Parts			
6640/00 STANDARD FURNITURE SCREWS per 2, to suit doors 32mm to 45mm	DF66400001		
6640/01 EXTENDED FURNITURE SCREWS per 2, to suit doors 50mm to 95mm	DF66400101		
5350/00 SPLIT SPINDLE PACK 2 spindles and 2 springs	DF53500099		
5350/02 75mm Star Spindle	DF53500299		
5350/03 EXTENDED SPLIT SPINDLE per 2, to suit doors up to 100mm	DF53500399		
5350/04 EXTENDED SOLID SPINDLE per 2, to suit doors up to 100mm	DF53500499		
Options			
◆ FIXED LEVER			
◆ LED (advise lock brand)			
◆ POLYESTER POWDER COAT FINISH (minimum nett powdercoat surcharge applies per order and consignment)			
Finishes: SATIN STAINLESS STEEL SSS		ORDER CODE 01	
POLISHED STAINLESS STEEL PSS		ORDER CODE 02	
NOTE: 1. Order No. codes listed in the door furniture section are for Satin Stainless Steel. When ordering Polished Stainless Steel, the last two digits in the order code would be 02. Goods ending with 99 have no option on finish. 2. Lever No.s 37, 39 & 40 require backsets greater than 23mm. Refer to compatibility chart in the catalogue. 3. 6400 series with levers 31, 37, 39 & 40 are assembled to customer order - Delivery period 2-3 weeks.			

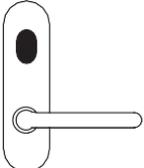
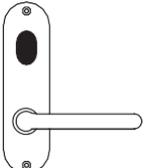
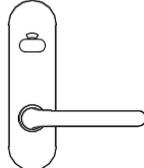
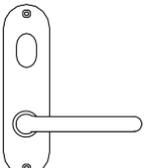
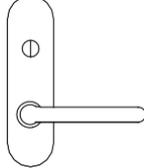
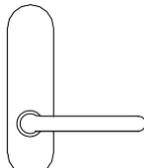
6500 NARROW ROUND END PLATE FURNITURE		Order No.
	6500/30 "NOOSA" Ext n/s plate cyl hole SSS	DF65003001
	6500/31 "SORRENTO" Ext n/s plate cyl hole SSS	DF65003101
	6500/37 "TORQUAY" Ext n/s plate cyl hole SSS	DF65003701
	6500/39 "MANLY" Ext n/s plate cyl hole SSS	DF65003901
	6500/40 "MANDURAH" Ext n/s plate cyl hole SSS	DF65004001
	6501/30 "NOOSA" Int n/s plate cyl hole SSS	DF65013001
	6501/31 "SORRENTO" Int n/s plate cyl hole SSS	DF65013101
	6501/37 "TORQUAY" Int n/s plate cyl hole SSS	DF65013701
	6501/39 "MANLY" Int n/s plate cyl hole SSS	DF65013901
	6501/40 "MANDURAH" Int n/s plate cyl hole SSS	DF65014001
	6503/30 "NOOSA" Int n/s plate turn SSS	DF65033001
	6503/31 "SORRENTO" Int n/s plate turn SSS	DF65033101
	6503/37 "TORQUAY" Int n/s plate turn SSS	DF65033701
	6503/39 "MANLY" Int n/s plate turn SSS	DF65033901
	6503/40 "MANDURAH" Int n/s plate turn SSS	DF65034001
	6504/30 "NOOSA" Ext n/s plate emer button SSS	DF65043001
	6504/31 "SORRENTO" Ext n/s plate emer button SSS	DF65043101
	6504/37 "TORQUAY" Ext n/s plate emer button SSS	DF65043701
	6504/39 "MANLY" Ext n/s plate emer button SSS	DF65043901
	6504/40 "MANDURAH" Ext n/s plate emer button SSS	DF65044001
	6505/30 "NOOSA" Ext n/s plain plate SSS	DF65053001
	6505/31 "SORRENTO" Ext n/s plain plate SSS	DF65053101
	6505/37 "TORQUAY" Ext n/s plain plate SSS	DF65053701
	6505/39 "MANLY" Ext n/s plain plate SSS	DF65053901
	6505/40 "MANDURAH" Ext n/s plain plate SSS	DF65054001
	6506/30 "NOOSA" Int n/s plain plate SSS	DF65063001
	6506/31 "SORRENTO" Int n/s plain plate SSS	DF65063101
	6506/37 "TORQUAY" Int n/s plain plate SSS	DF65063701
	6506/39 "MANLY" Int n/s plain plate SSS	DF65063901
	6506/40 "MANDURAH" Int n/s plain plate SSS	DF65064001

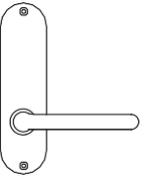
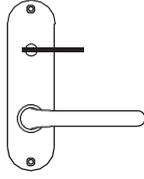
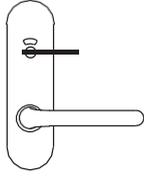
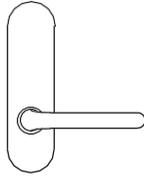
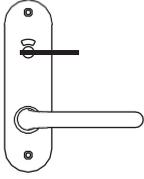
6500 NARROW ROUND END PLATE FURNITURE		Order No.	
	6507/30 "NOOSA" Int n/s plate dis turn SSS	DF65073001L	DF65073001R
	6507/31 "SORRENTO" Int n/s plate dis turn SSS	DF65073101L	DF65073101R
	6507/37 "TORQUAY" Int n/s plate dis turn SSS	DF65073701L	DF65073701R
	6507/39 "MANLY" Int n/s plate dis turn SSS	DF65073901L	DF65073901R
	6507/40 "MANDURAH" Int n/s plate dis turn SSS	DF65074001L	DF65074001R
	6510 Ext n/s plain plate cyl hole SSS	DF65100001	
	6511 Int n/s plain plate cyl hole SSS	DF65110001	
	6513 Int n/s plain plate turn SSS	DF65130001	
	6514 Ext n/s plain plate emer button SSS	DF65140001	
	6515 Ext n/s plain plate SSS	DF65150001	
	6516 Int n/s plain plate disturn SSS	DF65160001	
	6517 Int n/s plain plate dis turn SSS	DF65170001L	DF65170001R
	Spare Parts		
	6640/00 STANDARD FURNITURE SCREWS per 2, to suit doors 32mm to 45mm	DF66400001	
	6640/01 EXTENDED FURNITURE SCREWS per 2, to suit doors 50mm to 95mm	DF66400101	
	5350/00 SPLIT SPINDLE PACK 2 spindles and 2 springs	DF53500099	
	5350/02 75mm Star Spindle	DF53500299	
	5350/03 EXTENDED SPLIT SPINDLE per 2, to suit doors up to 100mm	DF53500399	
	5350/03 EXTENDED SOLID SPINDLE per 2, to suit doors up to 100mm	DF53500499	
	Options		
	◆ FIXED LEVER		
	◆ LED (advise lock brand)		
◆ POLYESTER POWDER COAT FINISH			
◆ (minimum nett powdercoat surcharge applies per order and consignment)			
Finishes: SATIN STAINLESS STEEL SSS	ORDER CODE 01		
POLISHED STAINLESS STEEL PSS	ORDER CODE 02		
<p>NOTE: 1. Order No. codes listed in the door furniture section are for Satin Stainless Steel. When ordering Polished Stainless Steel, the last two digits in the order code would be 02. Goods ending with 99 have no option on finish. 2. Lever No.s 37, 39 & 40 require backsets greater than 23mm. Refer to compatibility chart in the catalogue. 3. 6400 series with levers 31, 37, 39 & 40 are assembled to customer order - Delivery period 2-3 weeks.</p>			

	6600 RECTANGULAR SQUARE END PLATE FURNITURE	Order No.
	6600/30 "NOOSA" Ext plate cyl hole SSS 6600/31 "SORRENTO" Ext plate cyl hole SSS 6600/37 "TORQUAY" Ext plate cyl hole SSS 6600/39 "MANLY" Ext plate cyl hole SSS 6600/40 "MANDURAH" Ext plate cyl hole SSS	DF66003001 DF66003101 DF66003701 DF66003901 DF66004001
	6601/30 "NOOSA" Int plate cyl hole SSS 6601/31 "SORRENTO" Int plate cyl hole SSS 6601/37 "TORQUAY" Int plate cyl hole SSS 6601/39 "MANLY" Int plate cyl hole SSS 6601/40 "MANDURAH" Int plate cyl hole SSS	DF66013001 DF66013101 DF66013701 DF66013901 DF66014001
	6602/30 "NOOSA" Ext plate turn - ind SSS 6602/31 "SORRENTO" Ext plate turn - ind SSS 6602/37 "TORQUAY" Ext plate turn - ind SSS 6602/39 "MANLY" Ext plate turn - ind SSS 6602/40 "MANDURAH" Ext plate turn - ind SSS	DF66023001 DF66023101 DF66023701 DF66023901 DF66024001
	6603/30 "NOOSA" Int plate turn SSS 6603/31 "SORRENTO" Int plate turn SSS 6603/37 "TORQUAY" Int plate turn SSS 6603/39 "MANLY" Int plate turn SSS 6603/40 "MANDURAH" Int plate turn SSS	DF66033001 DF66033101 DF66033701 DF66033901 DF66034001
	6604/30 "NOOSA" Ext plate emer button SSS 6604/31 "SORRENTO" Ext plate emer button SSS 6604/37 "TORQUAY" Ext plate emer button SSS 6604/39 "MANLY" Ext plate emer button SSS 6604/40 "MANDURAH" Ext plate emer button SSS	DF66043001 DF66043101 DF66043701 DF66043901 DF66044001
	6605/30 "NOOSA" Ext plain plate SSS 6605/31 "SORRENTO" Ext plain plate SSS 6605/37 "TORQUAY" Ext plain plate SSS 6605/39 "MANLY" Ext plain plate SSS 6605/40 "MANDURAH" Ext plain plate SSS	DF66053001 DF66053101 DF66053701 DF66053901 DF66054001

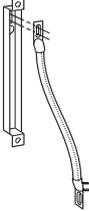
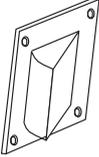
6600 RECTANGULAR SQUARE END PLATE FURNITURE		Order No.	
	6606/30 "NOOSA" Int plain plate SSS	DF66063001	
	6606/31 "SORRENTO" Int plain plate SSS	DF66063101	
	6606/37 "TORQUAY" Int plain plate SSS	DF66063701	
	6606/39 "MANLY" Int plain plate SSS	DF66063901	
	6606/40 "MANDURAH" Int plain plate SSS	DF66064001	
	6607/30 "NOOSA" Int plate dis turn SSS	DF66073001L	DF66073001R
	6607/31 "SORRENTO" Int plate dis turn SSS	DF66073101L	DF66073101R
	6607/37 "TORQUAY" Int plate dis turn SSS	DF66073701L	DF66073701R
	6607/39 "MANLY" Int plate dis turn SSS	DF66073901L	DF66073901R
	6607/40 "MANDURAH" Int plate dis turn SSS	DF66074001L	DF66074001R
	6608/30 "NOOSA" Ext plate dis turn - ind SSS	DF66083001L	DF66083001R
	6608/31 "SORRENTO" Ext plate dis turn - ind SSS	DF66083101L	DF66083101R
	6608/37 "TORQUAY" Ext plate dis turn - ind SSS	DF66083701L	DF66083701R
	6608/39 "MANLY" Ext plate dis turn - ind SSS	DF66083901L	DF66083901R
	6608/40 "MANDURAH" Ext plate dis turn - ind SSS	DF66084001L	DF66084001R
	6609/30 "NOOSA" Ext plate emer button - ind SSS	DF66093001	
	6609/31 "SORRENTO" Ext plate emer button - ind SSS	DF66093101	
	6609/37 "TORQUAY" Ext plate emer button - ind SSS	DF66093701	
	6609/39 "MANLY" Ext plate emer button - ind SSS	DF66093901	
	6609/40 "MANDURAH" Ext plate emer button - ind SSS	DF66094001	
	6627/30 "NOOSA" Int plate dis turn & ind SSS	DF66273001L	DF66273001R
	6627/31 "SORRENTO" Int plate dis turn SSS	DF66273101L	DF66273101R
	6627/37 "TORQUAY" Int plate dis turn & ind SSS	DF66273701L	DF66273701R
	6627/39 "MANLY" Int plate dis turn & ind SSS	DF66273901L	DF66273901R
	6627/40 "MANDURAH" Int plate dis turn & ind SSS	DF66274001L	DF66274001R

6600 RECTANGULAR SQUARE END PLATE FURNITURE		Order No.	
	6610 Ext plain plate cyl hole SSS	DF66100001	
	6611 Int plain plate cyl hole SSS	DF66110001	
	6612 Ext plate turn - ind SSS	DF66120001	
	6613 Int plain plate turn SSS	DF66130001	
	6614 Ext plate emer button SSS	DF66140001	
	6615 Ext plainplate SSS	DF66150001	
	6616 Int plain plate SSS	DF66160001	
	6617 Int plate dis turn SSS	DF66170001L DF66170001R	
	6618 Ext plate dis turn - ind sss	DF66180001L DF66180001R	
	6619 Ext plate emer button - ind SSS	DF66190001	
	6680 Ext plate cyl hole w/offset pull handles LH SSS	DF66801501L	
	6680 Ext plate cyl hole w/offset pull handles RH SSS	DF66801501R	
	Spare Parts		
	6640/00 STANDARD FURNITURE SCREWS per 2, to suit doors 32mm to 50mm	DF66400001	
6640/01 EXTENDED FURNITURE SCREWS per 2, to suit doors 50mm to 100mm	DF66400101		
5350/00 SPLIT SPINDLE PACK 2 spindles and 2 springs	DF53500099		
5350/02 75mm Star Spindle	DF53500299		
5350/03 EXTENDED SPLIT SPINDLE per 2, to suit doors up to 100mm	DF53500399		
5350/04 EXTENDED SOLID SPINDLE per 2, to suit doors up to 100mm	DF53500499		
Options			
◆ FIXED LEVER			
◆ LED (advise lock brand)			
◆ POLYESTER POWDER COAT FINISH			
◆ (minimum nett powdercoat surcharge applies per order and consignment)			
Finishes: SATIN STAINLESS STEEL SSS	ORDER CODE 01		
POLISHED STAINLESS STEEL PSS	ORDER CODE 02		
NOTE:			
1. Order No. codes listed in the door furniture section are for Satin Stainless Steel. When ordering Polished Stainless Steel, the last two digits in the order code would be 02. Goods ending with 99 have no option on finish.			
2. 6600 series with levers 31, 37, & 40 are assembled to customer order - Delivery period 2-3 weeks.			

	6700 RECTANGULAR ROUND END PLATE FURNITURE	Order No.
	6700/30 "NOOSA" Ext plate cyl hole SSS 6700/31 "SORRENTO" Ext plate cyl hole SSS 6700/37 "TORQUAY" Ext plate cyl hole SSS 6700/39 "MANLY" Ext plate cyl hole SSS 6700/40 "MANDURAH" Ext plate cyl hole SSS	DF67003001 DF67003101 DF67003701 DF67003901 DF67004001
	6701/30 "NOOSA" Int plate cyl hole SSS 6701/31 "SORRENTO" Int plate cyl hole SSS 6701/37 "TORQUAY" Int plate cyl hole SSS 6701/39 "MANLY" Int plate cyl hole SSS 6701/40 "MANDURAH" Int plate cyl hole SSS	DF67013001 DF67013101 DF67013701 DF67013901 DF67014001
	6702/30 "NOOSA" Ext plate turn - ind SSS 6702/31 "SORRENTO" Ext plate turn - ind SSS 6702/37 "TORQUAY" Ext plate turn - ind SSS 6702/39 "MANLY" Ext plate turn - ind SSS 6702/40 "MANDURAH" Int plate turn - ind SSS	DF67023001 DF67023101 DF67023701 DF67023901 DF67024001
	6703/30 "NOOSA" Int plate turn SSS 6703/31 "SORRENTO" Int plate turn SSS 6703/37 "TORQUAY" Int plate turn SSS 6703/39 "MANLY" Int plate turn SSS 6703/40 "MANDURAH" Int plate turn SSS	DF67033001 DF67033101 DF67033701 DF67033901 DF67034001
	6704/30 "NOOSA" Ext plate emer button SSS 6704/31 "SORRENTO" Ext plate emer button SSS 6704/37 "TORQUAY" Ext plate emer button SSS 6704/39 "MANLY" Ext plate emer button SSS 6704/40 "MANDURAH" Ext plate emer button SSS	DF67043001 DF67043101 DF67043701 DF67043901 DF67044001
	6705/30 "NOOSA" Ext plain plate SSS 6705/31 "SORRENTO" Ext plain plate SSS 6705/37 "TORQUAY" Ext plain plate SSS 6705/39 "MANLY" Ext plain plate SSS 6705/40 "MANDURAH" Ext plain plate SSS	DF67053001 DF67053101 DF67053701 DF67053901 DF67054001

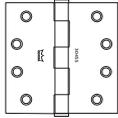
6700 RECTANGULAR ROUND END PLATE FURNITURE		Order No.	
	6706/30 "NOOSA" Int plain plate SSS	DF67063001	
	6706/31 "SORRENTO" Int plain plate SSS	DF67063101	
	6706/37 "TORQUAY" Int plain plate SSS	DF67063701	
	6706/39 "MANLY" Int plain plate SSS	DF67063901	
	6706/40 "MANDURAH" Int plain plate SSS	DF67064001	
	6707/30 "NOOSA" Int plate dis turn SSS	DF67073001L	DF67073001R
	6707/31 "SORRENTO" Int plate dis turn SSS	DF67073101L	DF67073101R
	6707/37 "TORQUAY" Int plate dis turn SSS	DF67073701L	DF67073701R
	6707/39 "MANLY" Int plate dis turn SSS	DF67073901L	DF67073901R
	6707/40 "MANDURAH" Int plate dis turn SSS	DF67074001L	DF67074001R
	6708/30 "NOOSA" Int plate dis turn SSS	DF67083001L	DF67083001R
	6708/31 "SORRENTO" Int plate dis turn SSS	DF67083101L	DF67083101R
	6708/37 "TORQUAY" Int plate dis turn SSS	DF67083701L	DF67083701R
	6708/39 "MANLY" Int plate dis turn SSS	DF67083901L	DF67083901R
	6708/40 "MANDURAH" Int plate dis turn SSS	DF67084001L	DF67084001R
	6709/30 "NOOSA" Ext plate emer button - ind SSS	DF67093001	
	6709/31 "SORRENTO" Ext plate emer button - ind SSS	DF67093101	
	6709/37 "TORQUAY" Ext plate emer button - ind SSS	DF67093701	
	6709/39 "MANLY" Ext plate emer button - ind SSS	DF67093901	
	6709/40 "MANDURAH" Ext plate emer button - ind SSS	DF67094001	
	6727/30 "NOOSA" Int plate dis turn & ind SSS	DF67273001L	DF67273001R
	6727/31 "SORRENTO" Int plate dis turn & ind SSS	DF67273101L	DF67273101R
	6727/37 "TORQUAY" Int plate dis turn & ind SSS	DF67273701L	DF67273701R
	6727/39 "MANLY" Int plate dis turn & ind SSS	DF67273901L	DF67273901R
	6727/40 "MANDURAH" Int plate dis turn & ind SSS	DF67274001L	DF67274001R

6700 RECTANGULAR ROUND END PLATE FURNITURE	Order No.
 6710 Ext plain plate cyl hole SSS	DF67100001
 6711 Int plain plate cyl hole SSS	DF67110001
 6712 Ext plate turn - ind SSS	DF67120001
 6713 Int plain plate turn SSS	DF67130001
 6714 Ext plate emer button SSS	DF67140001
 6715 Ext plain plate SSS	DF67150001
 6716 Int plain plate SSS	DF67160001
 6717 Int plate dis turn SSS	DF67170001L DF67170001R
 6718 Ext plate dis turn - ind SSS	DF67180001L DF67180001R
 6719 Ext plate emer button - ind SSS	DF67190001
 6780 Ext plate cyl hole w/offset pull handle LH SSS	DF67801501L
 6780 Ext plate cyl hole w/offset pull handle RH SSS	DF67801501R
Spare Parts	
6640/00 STANDARD FURNITURE SCREWS per 2, to suit doors 32mm to 50mm	DF66400001
6640/01 EXTENDED FURNITURE SCREWS per 2, to suit doors 50mm to 100mm	DF66400101
5350/00 SPLIT SPINDLE PACK 2 spindles and 2 springs	DF53500099
5350/02 75mm Star Spindle	DF53500299
5350/03 EXTENDED SPLIT SPINDLE per 2, to suit doors up to 100mm	DF53500399
5350/04 EXTENDED SOLID SPINDLE per 2, to suit doors up to 100mm	DF53500499
Options	
◆ FIXED LEVER	
◆ LED (advise lock brand)	
◆ POLYESTER POWDER COAT FINISH (minimum nett powdercoat surcharge applies per order and consignment)	
Finishes: SATIN STAINLESS STEEL SSS	ORDER CODE 01
POLISHED STAINLESS STEEL PSS	ORDER CODE 02
NOTE:	
1. Order No. codes listed in the door furniture section are for Satin Stainless Steel. When ordering Polished Stainless Steel, the last two digits in the order code would be 02. Goods ending with 99 have no option on finish.	
2. 6600 series with levers 31, 37 & 40 are assembled to customer order - Delivery period 2-3 weeks.	

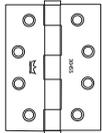
			Order No.
	Door Holders		
	Steel, silver lacquered	Art.-No. 350/b	57040002
	Steel, silver lacquered	Art.-No. 360/b	57030002
	Stainless steel	Art.-No. 360/i	57030040
	KU 260 Concealed Cable Loop		
	Power Transference	chrome	15811000
	Emergency Access Door Stop		
		stainless steel	10000003

Order No.

Broad Butt, Button Tipped Hinge



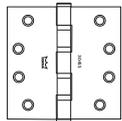
1010-FP-SSS - 100mm x 100mm Fixed pin hinge SSS H10102501101
 1010-LP-SSS - 100mm x 100mm Loose pin hinge SSS H10102501201
 1010-FP-PSS - 100mm x 100mm Fixed pin hinge PSS H10102501102
 1010-LP-PSS - 100mm x 100mm Loose pin hinge PSS H10102501202



1075-FP-SSS - 100mm x 75mm Fixed pin hinge SSS H10752501101 1075-LP-SSS - 100mm x 75mm Loose pin hinge SSS H10752501201 1075-FP-PSS - 100mm x 75mm Fixed pin hinge PSS H10752501102 1075-LP-PSS - 100mm x 75mm Loose pin hinge PSS H10752501202

Note: All broad butt hinges are supplied with
 (8) x 4.8 x 35mm wood screws &
 (4) x M5 x 12mm metal thread screws

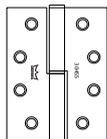
Broad Butt, Ball Bearing, Button Tipped Hinge



1010-BBFP-SSS - 100mm x 100mm w/ 4 B/Bearing fixed pin hinge SSS H10102502101
 1010-BBLP-SSS - 100mm x 100mm w/ 4 B/Bearing loose pin hinge SSS H10102502201
 1010-BBFP-PSS - 100mm x 100mm w/ 4 B/Bearing fixed pin hinge PSS H10102502102
 1010-BBLP-PSS - 100mm x 100mm w/ 4 B/Bearing loose pin hinge PSS H10102502202
 1075-BBFP-SSS - 100mm x 75mm w/ 4 B/Bearing fixed pin hinge SSS H10752502101
 1075-BBLP-SSS - 100mm x 75mm w/ 4 B/Bearing loose pin hinge SSS H10752502201
 1075-BBFP-PSS - 100mm x 75mm w/ 4 B/Bearing fixed pin hinge PSS H10752502102
 1075-BBLP-PSS - 100mm x 75mm w/ 4 B/Bearing loose pin hinge PSS H10752502202

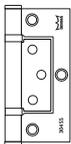
Note: All broad butt ball bearing hinges are supplied with
 (8) x 4.8 x 35mm wood screws & (4) x M5 x 12mm metal thread screws

Lift Off Hinge



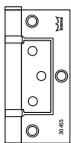
1075-LO-LH-SSS - 100mm x 75mm Lift off hinge LH SSS 9410752007001
 1075-LO-RH-SSS - 100mm x 75mm Lift off hinge RH SSS 9410752008001

Fast Fix, Ball Bearing, Button Tipped Hinge



1071AF-BBFP-SSS - Flat Fast Fix Hinge 100mm x 71mm w/ 2 B/Bearings suitable for Aluminium door and frame applications H10712503101

1071AK-BBFP-SSS - Kinked Fast Fix Hinge 100mm x 71mm w/ 2 B/Bearings suitable for Aluminium door and frame applications H10712504101



1071TF-BBFP-SSS - Flat Fast Fix Hinge 100mm x 71mm w/ 2 B/Bearings suitable for Timber door and frame applications H10712505101

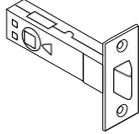
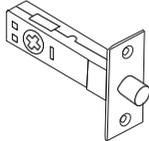
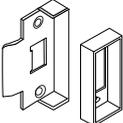
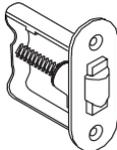
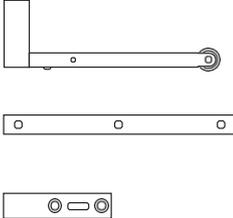
1071TK-BBFP-SSS - Kinked Fast Fix Hinge 100mm x 71mm w/ 2 B/Bearings suitable for Timber door and frame applications H10712506101

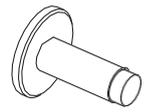
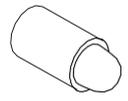
Note: All fast fix hinges are supplied with
 (6) x 4.2 x 35mm wood screws &
 (6) x 4 x 12mm self tapping screws

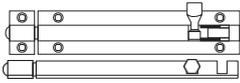
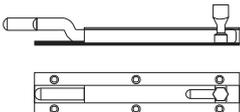
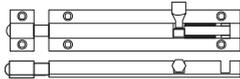
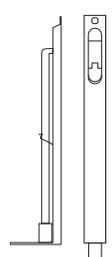
Screw Packs



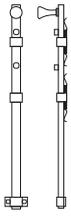
1071-SP-SSS Fast fix hinge screw pack H00000071001
 1075-SP-SSS Broad butt hinge screw pack H00000070001

		Order No.
	<p>2202 Tubular Latch 60mm Through fixing latch</p>	<p>finish: satin stainless steel 9400000200201 polished stainless steel 9400000200202</p>
	<p>2208 Tubular Privacy Bolt 60mm Backset privacy bolt with star hub</p>	<p>finish: satin stainless steel 9400000200801 polished stainless steel 9400000200802</p>
	<p>2203 Rebate Kit Suits 2202 Tubular latch</p>	<p>finish: satin stainless steel 9400000200301 polished stainless steel 9400000200302</p>
	<p>2520 Roller Bolt Nylon roller bolt with adjustable tension</p>	<p>finish: satin nickel plate 9400000252011</p>
	<p>Sequence Selector For use on pairs of doors with rebated meeting stiles, overlapping seals or latch mechanisms that require the doors to close in the correct sequence</p> <p>2180 - 180mm suits pairs of doors to 1800mm 2230 - 230mm suits pairs of doors to 2400mm 2305 - 305mm suits pairs of doors greater than 2400mm also for use with panic exit devices</p>	<p>9400000230110 9400000230210 9400000230310</p>
		<p>finish: clear anodised aluminium</p>

		Order No.
	<p>2250 Door Stop</p> <p>Floor mounted door stop with black rubber buffer</p> <p style="text-align: right;">9400000225011</p> <p style="text-align: right;">finish: satin nickel plate</p>	
	<p>2280 Door Stop</p> <p>Floor mounted door stop with black rubber buffer</p> <p style="text-align: right;">9400000228001</p> <p style="text-align: right;">finish: satin stainless steel</p>	
	<p>2290 Door Stop</p> <p>Floor mounted half moon door stop with black rubber buffer</p> <p style="text-align: right;">9400000229011</p> <p style="text-align: right;">finish: satin nickel plate</p>	
	<p>2290E Door Stop</p> <p>Floor mounted half moon door stop with black rubber buffer</p> <p style="text-align: right;">9400000229111</p> <p style="text-align: right;">finish: satin nickel plate</p>	
	<p>2300 Door Stop</p> <p>Wall mounted door stop 82mm projection w/blk rubber buffer</p> <p style="text-align: right;">9400000223001</p> <p style="text-align: right;">finish: satin stainless steel</p>	
	<p>2350 Door Stop</p> <p>Wall mounted door stop 75mm projection w/blk rubber buffer</p> <p style="text-align: right;">9400000223511</p> <p style="text-align: right;">finish: satin nickel plate</p>	

		Order No.
	2750 Barrel Bolt Barrel bolt includes frame & floor keeper	
	2750 - 150mm barrel bolt	9400000260111
	2750 - 200mm barrel bolt	9400000260211
	2750 - 300mm barrel bolt	9400000260311
	2750 - 600mm barrel bolt	9400000260611
finish: satin nickel plate		
	2751 Necked Barrel Bolt Necked Barrel bolt includes floor plate	
	2751 - 150mm Necked barrel bolt	9400000262111
	2751 - 300mm Necked barrel bolt	9400000262311
finish: satin nickel plate		
	2752 Longthrow Barrel Bolt Longthrow Barrel bolt with standard frame & floor keeper	
	2752-150mm with 40mm Longthrow bolt	9400000264111
finish: satin nickel plate		
	2756 Floor Plate Floor plate for barrel bolt	9400000266101
	finish: satin stainless steel	
	2759 Top Hat Ferrule Top hat floor ferrule for barrel bolt	9400000266211
	finish: satin nickel plate	
	2901 Flush Bolt 19mm wide flush bolt includes standard keeper	
	2901 - 150mm Flush bolt	9400000290111
	2901 - 300mm Flush bolt	9400000290311
	2901 - 450mm Flush bolt	9400000290411
	2901 - 600mm Flush bolt	9400000290611
finish: satin nickel plate		
	2902 Floor Plate Floor plate for flush bolt	9400000292201
	finish: satin stainless steel	
	2903 Ferrule Top hat floor ferrule for flush bolt	9400000292311
	finish: satin nickel plate	

Order No.

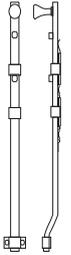


2780 Panic Bolt

Panic bolt includes frame keeper & floor plate

2780 - 300mm Concealed fix panic bolt	9400000278311
2780 - 450mm Concealed fix panic bolt	9400000278411
2780 - 600mm Concealed fix panic bolt	9400000278611

finish:
satin nickel plate

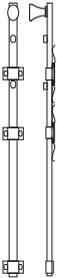


2780 Offset Panic Bolt

Offset panic bolt includes frame keeper & floor plate

2780 - O/S 600mm Concealed fix offset panic bolt	9400000274611
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finish:
satin nickel plate



2790 Panic Bolt

Panic bolt includes frame keeper & floor plate

2790 - 300mm Visible fix panic bolt	9400000279311
2790 - 450mm Visible fix panic bolt	9400000279411
2790 - 600mm Visible fix panic bolt	9400000279611

finish:
satin nickel plate



2790 Offset Panic Bolt

Offset panic bolt includes frame keeper & floor plate

2790 - O/S 600mm Visible fix offset panic bolt	9400000275611
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finish:
satin nickel plate



2785 Floor Plate

Floor plate for 2780 & 2790 panic bolt

9400000270501

finish:
satin stainless steel

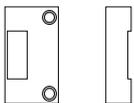


2787 Frame Keeper

Frame keeper for 2780 & 2790 panic bolt

9400000270711

finish:
satin nickel plate

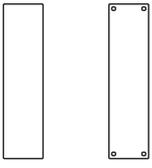
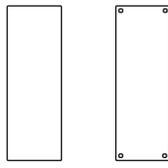
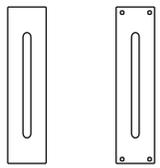
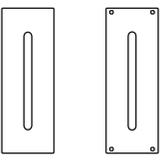
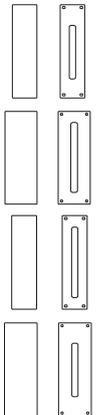
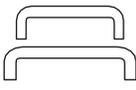


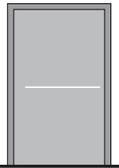
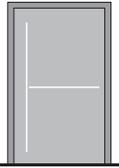
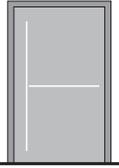
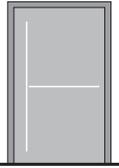
2788 Angle Top Plate

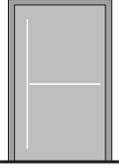
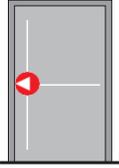
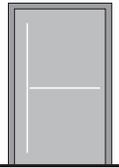
Angle frame keeper for 2780 & 2790 panic bolt

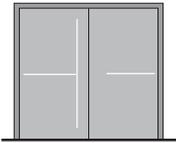
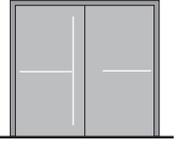
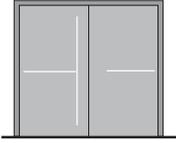
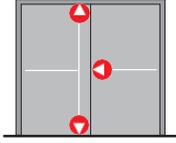
9400000270801

finish:
satin stainless steel

		Order No.
		<p>Push Plates 300 X 75mm</p> <p>375C - 300 x 75mm Concealed fix push plate 9400001050001 375V - 300 x 75mm Visible fix push plate 9400001060001</p> <p style="text-align: right;">finish: satin stainless steel</p>
		<p>Push Plates 300 X 100mm</p> <p>310C - 300 x 100mm Concealed fix push plate 9400001030001 310V - 300 x 100mm Visible fix push plate 9400001040001</p> <p style="text-align: right;">finish: satin stainless steel</p>
		<p>Pull Plates 300 X 75mm</p> <p>375C-H15 - 300 x 75mm Concealed fix pull plate with 150x16mm D/Pull 9400001090001 375V-H15 - 300 x 75mm Visible fix pull plate with 150x16mm D/Pull 9400001100001 375C-H20 - 300 x 75mm Concealed fix pull plate with 200x16mm D/Pull 9400001130001 375V-H20 - 300 x 75mm Visible fix pull plate with 200x16mm D/Pull 9400001140001</p> <p style="text-align: right;">finish: satin stainless steel</p>
		<p>Pull Plates 300 X 100mm</p> <p>310C-H15 - 300 x 100mm Concealed fix pull plate with 150x16mm D/Pull 9400001070001 310V-H15 - 300 x 100mm Visible fix pull plate with 150x16mm D/Pull 9400001080001 310C-H20 - 300 x 100mm Concealed fix pull plate with 200x16mm D/Pull 9400001110001 310V-H20 - 300 x 100mm Visible fix pull plate with 200x16mm D/Pull 9400001120001</p> <p style="text-align: right;">finish: satin stainless steel</p>
		<p>Push-Pull Plate Sets</p> <p>375-Set 1 consisting of: 9400001150001 1 x 300 x 75mm Concealed fix push plate 1 x 300 x 75mm Visible fix pull plate with 150x16mm D/Pull</p> <p>310-Set 1 consisting of: 9400001170001 1 x 300 x 100mm Concealed fix push plate 1 x 300 x 100mm Visible fix pull plate with 150x16mm D/Pull</p> <p>375-Set 2 consisting of: 9400001160001 1 x 300 x 75mm Concealed fix push plate 1 x 300 x 75mm Visible fix pull plate with 200x16mm D/Pull</p> <p>310-Set 2 consisting of: 9400001180001 1 x 300 x 100mm Concealed fix push plate 1 x 300 x 100mm Visible fix pull plate with 200x16mm D/Pull</p> <p style="text-align: right;">finish: satin stainless steel</p>
		<p>D/Pulls</p> <p>H15 150x16mm D/Pull 9400001010001 H20 200x16mm D/Pull 9400001020001</p> <p style="text-align: right;">finish: satin stainless steel</p>

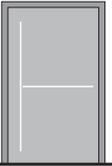
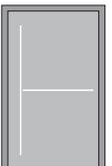
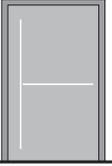
	Components	Order No.	
	PHA 2000 1-Point Modular For fire & smoke check doors, steel latch, steel latch keeper, security anti-thrust latch		
	Door width max. 1000mm 2102 F, 2104	PHA201C	
	Door width max. 1300mm 2102 F, 2105	PHA201WC	
	Door width max. 1300mm 2102 F, 2105	PHA201WC SSS	
F			
	PHA 2000 1-Point Modular For standard doors, die-cast zinc latch, zinc latch keeper, dogging.		
	Door width max. 1000mm 2101, 2104	PHA202C	
	Door width max. 1300mm 2101, 2105	PHA202WC	
	PHA 2000 2-Point Modular For fire & smoke check doors, steel latch, steel latch keeper, security anti-thrust latch		
	Door width max. 1000mm 2102 F, 2104, Door height max. 2270mm PHX04, PHX03	PHA203C	
	Door width max. 1000mm 2102 F, 2104, Door height max. 3400mm PHX05, PHX03	PHA203HC	
	Door width max. 1300mm 2102 F, 2105, Door height max. 2270mm PHX04, PHX03	PHA203WC	
	Door width max. 1300mm 2102 F, 2105, Door height max. 3400mm PHX05, PHX03	PHA203WHC	
	F		
		PHA 2000 2-Point Modular For standard doors, die-cast zinc latch, zinc latch keeper, dogging.	
		Door width max. 1000mm 2101, 2104, Door height max. 2270mm PHX04, PHX02	PHA204C
Door width max. 1000mm 2101, 2104, Door height max. 3400mm PHX05, PHX02		PHA204HC	
Door width max. 1300mm 2101, 2105, Door height max. 2270mm PHX04, PHX02		PHA204WC	
Door width max. 1300mm 2101, 2105, Door height max. 3400mm PHX05, PHX02		PHA204WHC	
	PHA 2000 2-Point Standard For fire & smoke check doors, steel latch, steel latch keeper, security anti-thrust latch		
	Door width max. 1000mm 2201, 2104, Door height max. 2270mm PHX04, PHX03	PHA215C	
	Door width max. 1000mm 2201, 2104, Door height max. 3400mm PHX05, PHX03	PHA215HC	
	Door width max. 1300mm 2201, 2105, Door height max. 2270mm PHX04, PHX03	PHA215WC	
	Door width max. 1300mm 2201, 2105, Door height max. 3400mm PHX05, PHX03	PHA215WHC	
F			

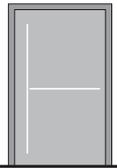
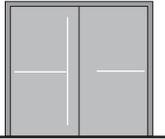
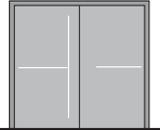
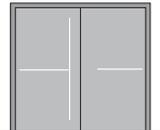
	Components	Order No.	
	PHA 2000 2-Point Standard For standard doors, die-cast zinc latch, zinc latch keeper, dogging.		
	Door width max. 1000mm Door height max. 2270mm	2201, 2104, PHX04, PHX02	PHA205C
	Door width max. 1000mm Door height max. 3400mm	2201, 2104, PHX05, PHX02	PHA205HC
	Door width max. 1300mm Door height max. 2270mm	2201, 2105, PHX04, PHX02	PHA205WC
	Door width max. 1300mm Door height max. 3400mm	2201, 2105, PHX05, PHX02	PHA205WHC
	PHA 2000 3-Point Modular For fire & smoke check doors, steel latch, steel latch keeper, security anti-thrust latch		
	Door width max. 1000mm Door height max. 2270mm	2102 F, 2104, PHX04, PHX03	PHA206C
	Door width max. 1000mm Door height max. 3400mm	2102 F, 2104, PHX05, PHX03	PHA206HC
	Door width max. 1300mm Door height max. 2270mm	2102 F, 2105, PHX04, PHX03	PHA206WC
	Door width max. 1300mm Door height max. 3400mm	2102 F, 2105, PHX05, PHX03	PHA206WHC
	F		
	PHA 2000 3-Point Modular For standard doors, die-cast zinc latch, zinc latch keeper, dogging.		
	Door width max. 1000mm Door height max. 2270mm	2101, 2104, PHX04, PHX02	PHA207C
	Door width max. 1000mm Door height max. 3400mm	2101, 2104, PHX05, PHX02	PHA207HC
	Door width max. 1300mm Door height max. 2270mm	2101, 2105, PHX04, PHX02	PHA207WC
	Door width max. 1300mm Door height max. 3400mm	2101, 2105, PHX05, PHX02	PHA207WHC

	Components	Order No.
	PHA 2000 1-Point Modular, Active Leaf PHA 2000 2-Point Modular, Inactive Leaf For fire & smoke check doors, rebated, steel latch, steel latch keeper, security anti-thrust latch	
	Door width max. 1000mm Door height max. 2270mm	2 x 2102 F, 2 x 2104, PHX04, PHX03 PHA208C
	Door width max. 1000mm Door height max. 3400mm	2 x 2102 F, 2 x 2104, PHX05, PHX03 PHA208HC
	Door width max. 1300mm Door height max. 2270mm	2 x 2102 F, 2 x 2105, PHX04, PHX03 PHA208WC
	Door width max. 1300mm Door height max. 3400mm	2 x 2102 F, 2 x 2105, PHX05, PHX03 PHA208WHC
	F	
	PHA 2000 1-Point Modular, Active Leaf PHA 2000 2-Point Modular, Inactive Leaf For standard doors, rebated, die-cast zinc latch, zinc latch keeper, dogging	
	Door width max. 1000mm Door height max. 2270mm	2 x 2101, 2 x 2104, PHX04, PHX02 PHA210C
	Door width max. 1000mm Door height max. 3400mm	2 x 2101, 2 x 2104, PHX05, PHX02 PHA210HC
	Door width max. 1300mm Door height max. 2270mm	2 x 2101, 2 x 2105, PHX04, PHX02 PHA210WC
	Door width max. 1300mm Door height max. 3400mm	2 x 2101, 2 x 2105, PHX05, PHX02 PHA210WHC
	F	
	PHA 2000 1-Point Modular, Active Leaf PHA 2000 2-Point Modular, Inactive Leaf For fire & smoke check doors, rebated, steel latch, steel latch keeper, security anti-thrust latch	
	Door width max. 1000mm Door height max. 2270mm	2102F, 2201, 2 x 2104, PHX04, PHX03 PHA216C
	Door width max. 1000mm Door height max. 3400mm	2102F, 2201, 2 x 2104, PHX05, PHX03 PHA216HC
	Door width max. 1300mm Door height max. 2270mm	2102F, 2201, 2 x 2105, PHX04, PHX03 PHA216WC
	Door width max. 1300mm Door height max. 3400mm	2102F, 2201, 2 x 2105, PHX05, PHX03 PHA216WHC
	F	
	PHA 2000 1-Point Modular, Active Leaf PHA 2000 2-Point Standard, Inactive Leaf For standard doors, rebated, die-cast zinc latch, zinc latch keeper, dogging	
	Door width max. 1000mm Door height max. 2270mm	2101, 2201, 2 x 2104, PHX04, PHX02 PHA211C
	Door width max. 1000mm Door height max. 3400mm	2101, 2201, 2 x 2104, PHX05, PHX02 PHA211HC
	Door width max. 1300mm Door height max. 2270mm	2101, 2201, 2 x 2105, PHX04, PHX02 PHA211WC
	Door width max. 1300mm Door height max. 3400mm	2101, 2201, 2 x 2105, PHX05, PHX02 PHA211WHC

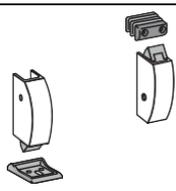
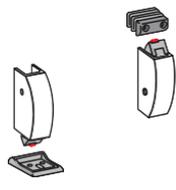
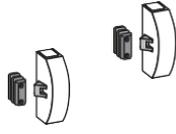
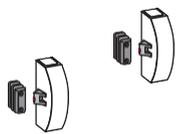
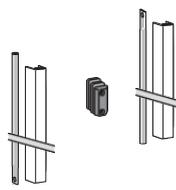
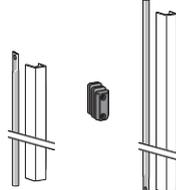
	Components	Order No.
	PHA 2000 2-Point Modular, Active Leaf PHA 2000 2-Point Modular, Inactive Leaf For fire & smoke check doors, flush closing, steel latch, steel latch keeper, security anti-thrust latch	
	Door width max. 1000mm 2x2102, 2x2104, Door height max. 2270mm 2xPHX04, 2xPHX03	PHA209C
	Door width max. 1000mm 2x2102, 2x2104, Door height max. 3400mm 2xPHX05, 2xPHX03	PHA209HC
	Door width max. 1300mm 2x2102, 2x2105, Door height max. 2270mm 2xPHX04, 2xPHX03	PHA209WC
	Door width max. 1300mm 2x2102, 2x2105, Door height max. 3400mm 2xPHX05, 2xPHX03	PHA209WHC
F		
	PHA 2000 2-Point Modular, Active Leaf PHA 2000 2-Point Modular, Inactive Leaf For standard doors, flush-closing, die-cast zinc latch, zinc latch keeper, dogging	
	Door width max. 1000mm 2x2101, 2x2104, Door height max. 2270mm 2xPHX04, 2xPHX02	PHA212C
	Door width max. 1000mm 2x2101, 2x2105, Door height max. 3400mm 2xPHX05, 2xPHX02	PHA212HC
	Door width max. 1300mm 2x2101, 2x2105, Door height max. 2270mm 2xPHX04, 2xPHX02	PHA212WC
	Door width max. 1300mm 2x2101, 2x2105, Door height max. 3400mm 2xPHX05, 2xPHX02	PHA212WHC
	PHA 2000 2-Point Standard, Active Leaf PHA 2000 2-Point Standard, Inactive Leaf For fire & smoke check doors, flush closing, steel latch, steel latch keeper, security anti-thrust latch	
	Door width max. 1000mm 2x2201, 2x2104, Door height max. 2270mm 2xPHX04, 2xPHX03	PHA217C
	Door width max. 1000mm 2x2201, 2x2104, Door height max. 3400mm 2xPHX05, 2xPHX03	PHA217HC
	Door width max. 1300mm 2x2201, 2x2105, Door height max. 2270mm 2xPHX04, 2xPHX03	PHA217WC
	Door width max. 1300mm 2x2201, 2x2105, Door height max. 3400mm 2xPHX05, 2xPHX03	PHA217WHC
F		
	PHA 2000 2-Point Standard, Active Leaf PHA 2000 2-Point Standard, Inactive Leaf For standard doors, flush-closing, die-cast zinc latch, zinc latch keeper, dogging	
	Door width max. 1000mm 2x2201,2x2104, Door height max. 2270mm 2xPHX04,2xPHX02	PHA213C
	Door width max. 1000mm 2x2201,2x2104, Door height max. 3400mm 2xPHX05,2xPHX02	PHA213HC
	Door width max. 1300mm 2x2201,2x2105, Door height max. 2270mm 2xPHX04,2xPHX02	PHA213WC
	Door width max. 1300mm 2x2201,2x2105, Door height max. 3400mm 2xPHX05,2xPHX02	PHA213WHC

		Components	Order No.
	PHA 2000 2-Point Standard, Active Leaf PHA 2000 2-Point Standard, Inactive Leaf For fire & smoke check doors, flush closing, steel latch, steel latch keeper, security anti-thrust Latch		
	Door width max. 1000mm	2102F,2201,2x2104, 2xPHX04,2xPHX03	PHA218C
	Door height max. 2270mm		
	Door width max. 1000mm	2102F,2201,2x2104, 2xPHX05,2xPHX03	PHA218HC
Door height max. 3400mm			
Door width max. 1300mm	2102F,2201,2x2105, 2xPHX04,2xPHX03	PHA218WC	
Door height max. 2270mm			
Door width max. 1300mm	2102F,2201,2x2105, 2xPHX05,2xPHX03	PHA218WHC	
Door height max. 3400mm			
F			
	PHA 2000 2-Point Modular, Active Leaf PHA 2000 2-Point Standard, Inactive Leaf or PHA 2000 2-Point Standard, Active Leaf PHA 2000 2-Point Modular, Inactive Leaf For standard doors, flush-closing, die-cast zinc latch, zinc latch keeper, dogging		
	Door width max. 1000mm	2101,2201,2x2104, 2xPHX04,2xPHx02	PHA214C
	Door height max. 2270mm		
	Door width max. 1000mm	2101,2201,2x2104, 2xPHX05,2xPHX02	PHA214HC
Door height max. 3400mm			
Door width max. 1300mm	2101,2201,2x2105, 2xPHX04,2xPHX02	PHA214WC	
Door height max. 2270mm			
Door width max. 1300mm	2101,2201,2x2105, 2xPHX05,2xPHX02	PHA214WHC	
Door height max. 3400mm			
PHA 2000 ACCESSORIES			Order No.
	PHA 2101 1 Point locking, Modular for standard doors, without security anti-thrust latch, with dogging device, die cast zinc latch, zinc latch keeper with spacer plates finish: silver		3501421011001
	PHA 2102 F 1 Point locking, Modular for fire and smoke check doors with security anti-thrust latch and dogging device, steel latch, steel latch keeper with spacer plates finish: silver finish: stainless steel		3501421021001 3501421021004
	PHA 2201 2 Point locking, standard finish: silver		3501422011001
	PHA 2104 Connecting rod 830mm (door width up to 1000mm). finish: silver		3501421040001
	PHA 2105 Connecting rod 1130mm (door width up to 1300mm). finish: silver finish: stainless steel		3501421050001 3501421050004
	PHA 2106 Connecting rod 1330mm (door width up to 1500mm). finish: silver		3501421060001
	PHA Microswitch For actuation of visual or audible signals, contact rating: max.48V DC, max. 3A.		3501425200060

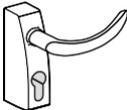
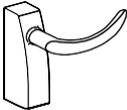
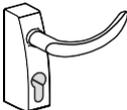
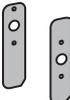
	Components	Order No.
	<p>PHB 3000 1 - Point Standard For standard doors, die cast zinc latch, steel keeper, dogging.</p> <p>Door width max. 1000mm 3101</p>	PHB301C
	<p>PHB 3000 1 - Point Modular For standard doors, die cast zinc latch, steel keeper, dogging.</p> <p>Door width max. 1000mm 3102 Door width max. 1300mm 3103</p>	PHB302C PHB302WC
	<p>PHB 3000 1 - Point Modular For fire and smoke check doors, steel latch & latch keeper, security anti thrust latch</p> <p>Door width max. 1000mm 3104 F Door width max. 1300mm 3105 F</p> <p>F</p>	PHB303C PHB303WC
	<p>PHB 3000 2 - Point Modular For fire and smoke check doors, steel latch & latch keeper, security anti thrust latch</p> <p>Door width max. 1000mm Door height max. 2270mm 3104 F, PHX04, PHX03</p> <p>Door width max. 1000mm Door height max. 3400mm 3104 F, PHX05, PHX03</p> <p>Door width max. 1300mm Door height max. 2270mm 3105 F, PHX04, PHX03</p> <p>Door width max. 1300mm Door height max. 3400mm 3105 F, PHX05, PHX03</p> <p>F</p>	PHB304C PHB304HC PHB304WC PHB304WHC
	<p>PHB 3000 2 - Point Modular For standard doors, die cast zinc latch, steel latch keeper, dogging device.</p> <p>Door width max. 1000mm Door height max. 2270mm 3102, PHX04, PHX02</p> <p>Door width max. 1000mm Door height max. 3400mm 3102, PHX05, PHX02</p> <p>Door width max. 1300mm Door height max. 2270mm 3103, PHX04, PHX02</p> <p>Door width max. 1300mm Door height max. 3400mm 3103, PHX05, PHX02</p>	PHB305C PHB305HC PHB305WC PHB305WHC
	<p>PHB 3000 3 - Point Modular For fire and smoke check doors, steel latch & latch keeper, security anti thrust latch</p> <p>Door width max. 1000mm Door height max. 2270mm 3104 F, PHX04, PHX03</p> <p>Door width max. 1000mm Door height max. 3400mm 3104 F, PHX05, PHX03</p> <p>Door width max. 1300mm Door height max. 2270mm 3105 F, PHX04, PHX03</p> <p>Door width max. 1300mm Door height max. 3400mm 3105 F, PHX05, PHX03</p> <p>F</p>	PHB306C PHB306HC PHB306WC PHB306WHC

	Components	Order No.
	PHB 3000 3 - Point Modular For standard doors, die cast zinc latch, steel latch keeper, dogging device.	
	Door width max. 1000mm Door height max. 2270mm	3102, PHX04, PHX02 PHB307C
	Door width max. 1000mm Door height max. 3400mm	3102, PHX05, PHX02 PHB307HC
	Door width max. 1300mm Door height max. 2270mm	3103, PHX04, PHX02 PHB307WC
	Door width max. 1300mm Door height max. 3400mm	3103, PHX05, PHX02 PHB307WHC
	PHB 3000 1 - Point Modular, Active Leaf PHB 3000 2 - Point Modular, Inactive Leaf For fire and smoke check doors, steel latch & latch keeper, security anti thrust latch	
	Door width max. 1000mm Door height max. 2270mm	2 x 3104 F, PHX04, PHX03 PHB308C
	Door width max. 1000mm Door height max. 3400mm	2 x 3104 F, PHX05, PHX03 PHB308HC
	Door width max. 1300mm Door height max. 2270mm	2 x 3105 F, PHX04, PHX03 PHB308WC
	Door width max. 1300mm Door height max. 3400mm	2 x 3105 F, PHX05, PHX03 PHB308WHC
	F PHB 3000 1 - Point Modular, Active Leaf PHB 3000 2 - Point Modular, Inactive Leaf For standard doors, die cast zinc latch, steel keeper, dogging.	
	Door width max. 1000mm Door height max. 2270mm	2 x 3102, PHX04, PHX02 PHB310C
	Door width max. 1000mm Door height max. 3400mm	2 x 3102, PHX05, PHX02 PHB310HC
	Door width max. 1300mm Door height max. 2270mm	2 x 3103, PHX04, PHX02 PHB310WC
	Door width max. 1300mm Door height max. 3400mm	2 x 3103, PHX05, PHX02 PHB310WHC
	PHB 3000 1 - Point Standard, Active Leaf PHB 3000 2 - Point Standard, Inactive Leaf For standard doors, die cast zinc latch, steel keeper, dogging.	
	Door width max. 1000mm Door height max. 2270mm	3101, 3102, PHX04, PHX02 PHB311C
	Door width max. 1000mm Door height max. 3400mm	3101, 3102, PHX05, PHX02 PHB311HC

		Components	Order No.
	PHB 3000 1 - Point Modular, Active Leaf PHB 3000 2 - Point Modular, Inactive Leaf For fire and smoke check doors, steel latch & latch keeper, security anti thrust latch		
	Door width max. 1000mm Door height max. 2270mm	2 x 3104F, 2 xPHX04, 2 x PHX03	PHB309C
	Door width max. 1000mm Door height max. 3400mm	2 x 3104F, 2 xPHX05, 2 x PHX03	PHB309HC
	Door width max. 1300mm Door height max. 2270mm	2 x 3105F, 2 xPHX04, 2 x PHX03	PHB309WC
	Door width max. 1300mm Door height max. 3400mm	2 x 3105F, 2 xPHX05, 2 x PHX03	PHB309WHC
F			
	PHB 3000 1 - Point Modular, Active Leaf PHB 3000 2 - Point Modular, Inactive Leaf For standard doors, die cast zinc latch, steel latch keeper, dogging device.		
	Door width max. 1000mm Door height max. 2270mm	2 x 3102, 2 X PHX04, 2 X PHX02	PHB312C
	Door width max. 1000mm Door height max. 3400mm	2 x 3102, 2 X PHX05, 2 X PHX02	PHB312HC
	Door width max. 1300mm Door height max. 2270mm	2 x 3103, 2 X PHX04, 2 X PHX02	PHB312WC
	Door width max. 1300mm Door height max. 3400mm	2 x 3103, 2 X PHX05, 2 X PHX02	PHB312WHC
PHB 3000 ACCESSORIES			Order No.
	PHB 3101 1 Point locking, Standard, for door width up to 1000mm, without security anti-thrust latch and dogging device, die cast zinc latch, steel latch keeper with spacer plates finish: silver		3501431011001
	PHB 3102 1 Point locking, Modular, for door width up to 1000mm, without security anti-thrust latch and dogging device, die cast zinc latch, steel latch keeper with spacer plates finish: silver		3501431021001
	PHB 3103 1 Point locking, Modular, for door width up to 1300mm, without security anti-thrust latch and dogging device, die cast zinc latch, steel latch keeper with spacer plates finish: silver		3501431031001
	PHB 3104 F 1 Point locking, Modular, for fire and smoke check doors, for door width up to 1000mm, with security anti-thrust latch and dogging device, steel latch, steel latch keeper with spacer plates finish: silver		3501431041001
	PHB 3105 F 1 Point locking, Modular, for fire and smoke check doors, for door width up to 1300mm, with security anti-thrust latch and dogging device, steel latch, steel latch keeper with spacer plates. finish: silver finish: stainless steel		3501431051001 3501431051004
	PHB Microswitch For actuation of visual or audible signals, contact rating: max.48V DC, max. 3A. For PHB310x finish: silver		3501435201061

		Order No.	
	PHX 02 Top and bottom latch for standard doors, without security anti-thrust latch, die cast zinc latch, zinc top latch keeper with spacer plates, steel bottom latch keeper.	finish: silver	3501422021001
	PHX 03 Top and bottom latch for fire and smoke check doors, with security anti-thrust latch, steel latch, steel latch keeper with spacer plates.	finish: silver	3501422031001
		finish: stainless steel ■	3501422031004
	PHX 06 Top and bottom latch with lateral locking points for standard doors, without security anti-thrust latch, die cast zinc latch, steel latch keepers with spacer plates.	finish: silver ■	3501422061001
	PHX 07 Top and bottom latch with lateral locking points for fire and smoke check doors, with security anti-thrust latch, steel latch, steel latch keepers with spacer plates.	finish: silver ■	3501422071001
	PHX 04 Connecting rod set with cover for door heights up to 2270mm, steel latch keeper with spacer plates for double doors.	finish: silver	3501422041001
		finish: stainless steel ■	3501422041004
	PHX 05 Connecting rod set with cover for door heights up to 3400mm, steel latch keeper with spacer plates for double doors.	finish: silver	3501422051001
		finish: stainless steel ■	3501422051004
	PHX Mounting Backplate Steel, galvanised (in packs of 10).	finish: silver ■	3501425200050
	PHX Mounting Backplate Steel, galvanised (in packs of 10).	finish: silver ■	3501425200051
	Latch Bolt Holdback Cover for two point device, suits: PHA 2101, PHA 2102F, PHB 3102, PHB 3104F and PHB 3105F	finish: silver	3501429081001

PHX	Order No.
 <p>PHX 21 Adjustable Keep For standard aluminium profile doors, single and double leaf, flush closing or rebated (0-11mm). Die cast zinc latch (in packs of 5)</p> <p style="text-align: right;">finish: silver 3501424210101</p>	
 <p>PHX 22 Adjustable Keep For standard PVC profile doors, single and double leaf, flush closing or rebated (14-24mm). Die cast zinc latch (in packs of 5).</p> <p style="text-align: right;">finish: silver 3501424220101</p>	
 <p>PHX 50 Electric Door Opener In combination with PHA/PHB for the use on Standard doors with an overlap up to 24mm. Die cast zinc latch counterlap. 12 V AC, 50HZ, 15W</p> <p style="text-align: right;">finish: silver ■ 3501424501001 finish: stainless steel ■ 3501424501004</p>	

PHT	Order No.
 <p>PHT 01 - Classroom Function External fitting with OGRO Design lever handle for standard doors with a leaf thickness up to 60mm, prepared for the installation of a Europrofile single cylinder. With lever handle spindle and two cylinder fixing bolts.</p> <p style="text-align: right;">finish: silver 3501439011001</p>	
 <p>PHT 03 - Passage Function External fitting with OGRO Design lever handle for standard doors with a leaf thickness up to 60mm, non lockable. With lever handle spindle.</p> <p style="text-align: right;">finish: silver 3501439031001</p>	
 <p>PHT 05 - Classroom Function External fitting with OGRO Design lever handle for fire and smoke check doors with a leaf thickness up to 60mm, with integrated ring gasket, prepared for the installation of a Europrofile single cylinder. With lever handle spindle and two cylinder fixing bolts.</p> <p style="text-align: right;">finish: silver 3501439051001 F finish: stainless steel 3501439051004</p>	
 <p>PHT 06 - Storeroom Function External fitting with knob for standard doors with a leaf thickness up to 60mm, prepared for the installation of a Europrofile single cylinder. With knob spindle and two cylinder fixing bolts.</p> <p style="text-align: right;">finish: silver 3501439061001</p>	
 <p>PHT S 05 Extended handle spindle, 8mm square, incl. fixing screws, for door thickness from 60mm to 105mm (in packs of 10 each).</p> <p style="text-align: right;">finish: silver 3501439200050</p>	
 <p>Gasket Kit For external trims and PHA Panic hardware door locks on fire and smoke check doors (in packs of 10 each).</p> <p style="text-align: right;">finish: silver ■ 3501439200060</p>	

PRODUCT INFORMATION, SAFETY INSTRUCTIONS

1. For controlled door closing devices with hydraulic damping (door closers) mortice locks, door furniture, panic exit devices with horizontal actuating bar and general product information

The following product information and safety instructions are directed to product fabricators and also the operators of swing doors that are equipped with door closers and/or panic exit devices with a horizontal actuating bar. The product information and safety instructions must be carefully read and observed. They contain important advice and recommendations relating to the proper and thus safe fixing and installation of door closers and/or panic locks and also their proper and safe operation, including their maintenance and refurbishment.

2. Controlled door closing devices with hydraulic damping (door closers)

2.1 Designated use

Door closers perform the task of re-closing swing doors (outwardly or inwardly opening doors) after the manual opening operation. The closing cycle is hydraulically damped, and the degree of damping is adjustable. Door closers are used on swing doors of metal, timber, plastics or glass and also combinations of these materials.

2.2 Functional requirements

The fault-free functioning of such systems requires that the doors be installed so that they are vertically plumb and unimpeded in their swing operation, and also that the door closer be properly installed.

Consequently, installation of the device and also adjustment and setting of the various functions must be performed by specialist companies taking into account the manufacturer's instructions relating to the specific product and in line with prevailing local structural conditions.

2.3 Use and function in special areas of application

Special areas of application may give rise to additional functional prerequisites. Particular aspects requiring attention include the following:

- In the case of fire and smoke check doors, the door closers must satisfy the appropriate requirements of AS1905.1 and the NCC regulations.
- A fixed open position of swing doors shall only be achieved with additional special fittings or with integrated constructional elements, and for fire and smoke check doors these special fittings must be approved.
- In the case of particularly unfavourable local conditions (wind influence), door closers of a higher spring strength value (higher closing torque) must be installed. Particularly in the case of outward opening swing doors exposed to the wind, door closers with a backcheck function must be installed.
- Door closers on swing doors for wet rooms (damp areas), for unprotected external installation and for use in environments with aggressive, corrosion promoting air pollutants, and also door closers exposed to extremely high or low temperatures, require special designs.
- Installation boxes (cement boxes) for floor springs must be protected against contamination after installation. If floor springs are exposed to water penetration, e.g. in the case of wet rooms or external doors without rain or splash protection, the area between the cement box and the floor spring body must be filled with the DORMA 2300 sealing compound. Failure to install 2300 sealing compound will result in a void warranty.

2.4 Misuse

The product is deemed to have been misused if it is used in a manner contravening its designated use.

The manufacturer particularly regards the following cases as cases of misuse:

- Use for purposes other than for closing doors
- Use of door closers, the size (spring strength) of which does not comply with the recommendations of the manufacturer in relation to the application concerned
- Use in spite of incorrect or improper installation and/or adjustment.
- Use on doors in which the closing range is blocked by obstructions or where the closing cycle is inhibited, e.g. sticking of the seals (seal pressure), rubbing on the floor, non-aligned hinges or pivot mechanisms.
- Non-compliance with the functional prerequisites for operation and use in special areas of application as mentioned under sections 2 and 4.

Consequences of misuse:

- Functional impairment (door will not close or becomes difficult to open)
- Destruction of the door closer (e.g. bursting of the door closer body with oil egress)
- Damage to the door construction (e.g. hinge breakage)
- Warning: Misuse can also give rise to danger of injury, particularly from doors slamming shut without any damping or delayed action (personal or property hazard)

3. Mortice locks and Door Furniture

It is important to note the following information relating to locks. Non-compliance with the advice and instructions indicated hereunder will release us from any liability, including manufacturer's liability.

3.1. Product information and designated use

A lock usually performs the task of keeping a door secure and locked in its closed position. The term "latching" means keeping a door closed such that it cannot be opened through the application of pull or push forces while at the same time offering ease of opening through the operation of, for example, a lever handle. "Locking" is understood to mean the retention of the door in its closed position by means of a locked latch bolt or deadbolt and engages in a corresponding recess in the frame or in the strike aperture. The latch bolt or deadbolt must be held in its end position, and the opening of the door without a suitable key must be effectively inhibited.

Cylinder fixing screws must be adapted to the backset length. A mortice lock is a lock which is inserted and fixed in a preformed or existing recess, and is used predominantly on swing doors. In order to facilitate correct usage, it is necessary also to ensure the correct combination with permissible fittings and locking devices (e.g. keys, cylinders, strike plates) plus accessories (e.g. lever handles, turns or escutcheons). Installation of locks, levers and accessory hardware must be performed in accordance with the relevant fixing instructions and in line - where appropriate - with local and national law requirements or standards.

Essentially, cylinders should be installed with the locking cam in the correct position and handing if applicable according to our instructions to achieve the desired function. In all other cases, the manufacturer, dealer, installer or user of such cylinders must be certain that the lock cylinder selected by him is suitable for the installation situation and for the envisaged application.

3.2. Misuse

The misuse - i.e. employment of the product for a purpose other than its designated use - of locks can be said to have occurred if, for example, - foreign objects and/or items not compliant with the designated use are inserted into the lock, or the strike plate, so preventing effective and functionally correct usage, - the lock or strike plate are modified, or force is applied to them, so changing their construction, method of operation or function,

- the latch bolt is used contrary to its designated use in order to hold open the door.
- the lock elements are fitted or subsequently treated - e.g. by painting - such that their function is hindered,
- loads are applied to the lever handle connection that go beyond the designated use and beyond normal manual force,
- non-appurtenant - e.g. dimensionally deviant or incorrectly adjusted locking means are used,
- an extension or reduction occurs in the required door gap due to adjustment of the hinges or lowering of the door,
- a double door is opened via the inactive leaf where such manipulation has not been approved,
- body parts are placed between the door leaf and frame when doors are closed,
- drilling in the lock case area has occurred after the lock has been installed
- the lever spindle has been forced or hammered into the follower
- carrying a door by the lever handles
- locks and levers not installed in accordance with the installation instructions
- non matching spindle to follower-hub dimensions of lock to lever or vice versa

PRODUCT INFORMATION, SAFETY INSTRUCTIONS

3.3. Product performance

Where product performance data are not specifically indicated in our catalogues, brochures, performance descriptions, etc., the requirements for the individual locks must be agreed upon with us.

The fitness for purpose of locks is dependent, entirely, on frequency of use, methods of operation, environmental influences and the level of care and maintenance applied. Notwithstanding correct lubrication, lock cylinders and keys must be replaced as soon as malfunctions begin to occur on insertion and removal of the key.

3.4. Product maintenance

Key cylinders must be lubricated at least once a year or - depending on frequency of use - more often - employing a recommended lubricant by the cylinder manufacturer or agent. The correct operation and fit of, for example, cylinders, door furniture and other hardware should also be checked and ensured as part of the maintenance routine and any loose screws tightened. As soon as an indication that excessive force or vandalism has been applied to the lock or lever furniture replace these items.

3.5. Duty to inform and instruct

In order to fulfill our duties to inform and instruct we urge specialist dealers, locksmiths, architects, specifiers, installers, fabricators and users to avail themselves of the following documents and services, all of which are available on application:

- catalogues, brochures
- installation, operating and maintenance instructions
- advice from us, our agents and representatives and our field service personnel.

For the selection of locks and their installation, operation and maintenance,

- architects and specifiers are required to request from us all the necessary product information and to comply with its content,
- specialist dealers are required to observe the requirements indicated in the product information documents and advisory notes in the price lists, and particularly to request from us all the necessary instruction sheets/manuals and pass these on to fabricators, installers and users, - fabricators and installers are required to observe the requirements indicated in all items of product information, and in particular to request from us operating and maintenance instructions, and to pass these on to their clients and users.

4. Panic exit devices with horizontal actuating bar (panic exit devices)

4.1 Designated use

- Experience gathered in relation to the means of effecting an emergency escape from buildings and general safety considerations make it appear desirable that swing doors installed at exits in buildings and other localities frequented by the public such as theaters, concert halls and other types of buildings that hold a large number of people etc be equipped with panic exit device that include a horizontal actuating bar. Panic exit devices with a horizontal actuating bar are primarily used on swing doors in emergency escape routes in which there is a likelihood of panic situations arising. Although panic exit devices offer adequate security against intrusion from the outside, their main task nevertheless lies in ensuring that the door can be opened at any time by hand or body pressure from the inside via the panic release device (horizontal bar) without the need for a key or any other aid. Notwithstanding any additionally installed locking devices, operation of the actuation bar from the inside must therefore immediately release the door. The intrusion protection offered by such locks is subordinate to the protection they afford to personal safety.

4.2 Functional prerequisites

Fault-free function requires that the doors be installed so that they are vertically plumb and easy to operate, and that the panic lock, including the fittings incorporated in the locking system, is properly installed.

Consequently, installation and commissioning must be performed by specialist companies taking into account the manufacturer's instructions relating to the specific product and in line with prevailing local structural conditions. In particular, the requirements of local and national regulations governing the use and installation of panic exit devices.

4.3 Use and function in special areas of application

Special areas of application may give rise to additional functional prerequisites. It is possible for additional products to be included with the device such as external locking trims or electric strikes made by DORMA without effecting the internal escape function when mounted in accordance with the installation instructions.

- Panic locks on swing doors for wet rooms and damp areas and for use in environments with aggressive, corrosion-promoting air pollutants, and panic locks exposed to extremely high or low temperatures must be discussed with DORMA prior to any installation occurring.

4.4 Misuse

The product is deemed to have been misused if it is used in a manner contravening its designated use.

The manufacturer particularly regards the following cases as cases of misuse:

- Use for purposes other than those described under section 4.1.
- Use of panic exit devices, the specifications of which do not match the area of application concerned and thus contravene the recommendations of the manufacturer concerning application of the panic exit device in line with its designated use.
- Manipulation of the actuation bar, safety override elements or locking rods
- Use in spite of incorrect or improper installation and/or adjustment. With the exception of the modifications described and allowed in the manual, no further changes are permissible
- Use of panic exit devices on doors in emergency escape routes or on fire and smoke check doors which have not been tested and certified according to AS1905.1.
- Use on doors, the swing range (closing, opening) of which is obstructed or inhibited by e.g. sticking of the seals (seal pressure), rubbing on the floor, non-aligned hinges.
- Non-compliance with the functional prerequisites cited in sections 4.2 and 4.3 in relation to normal operations and also use in special areas of application.

Consequences of misuse:

- In a panic situation, the panic exit device may either be inoperable or require excessive force on the part of the escapees.
- The panic lock will not engage properly so that the fire resistance of the fire or smoke check doors (barriers) is adversely affected.
- Damage to the door construction
- Warning: Misuse can also be dangerous (accident hazards).

5. General hazards in the area of operation of swing doors

In the case of swing doors, a general injury hazard exists due to the possibility of fingers or other parts of the body being crushed between the frame/architrave and door leaf as the door closes. The controlled closing of swing doors as a designated task of the door closer does not mean that this hazard is eliminated.

6. Product properties

The performance requirements and certificates of conformity for the various products/systems are available from our DORMA sales office at any time.

PRODUCT INFORMATION, SAFETY INSTRUCTIONS

7. Product maintenance

Regular inspection and maintenance forms part of the designated use criterion. The manufacturer considers the following to be necessary:

- Regular inspection of safety-relevant components of the products for correct fitting, firm seating and excess wear
- Examination of the settings relating to, for example, closing speeds, automatic closing functions, release of the locked door panic exit device or mortice lock and lever handle and turn snib functions.
- Greasing of all moving parts
- Checking of the ease of movement of the door
- Inspection of the fixing screws to ensure that they are tight
- Compliance with statutory inspection, monitoring and maintenance procedures relating to products with special functions (e.g. hold-open devices, hold-open systems)
- In the case of panic exit devices or vestibule mortice locks it is particularly important to check that the safety override elements have not jammed.
- The scope and frequency of maintenance work shall be aligned to the type and usage of the swing doors concerned. Under average usage/average duty conditions, the manufacturer regards an annual maintenance event as the minimum necessary.

Warning!

A lack of product maintenance may result in potential or already existing functional impairments not being identified in good time. The consequences and hazards that can arise are similar to those that may occur in the event of misuse (see sections 2.4, 3.2 and 4.4).

Important!

Defective products and/or components must be replaced as soon as their proper function can no longer be assured.

Where impairment is suspected, an appropriate specialist company must be engaged for the purpose of inspection and, where appropriate, refurbishment or replacement of the products and/or components. Otherwise, the consequences and hazards that can arise are similar to those that may occur in the event of misuse (see sections 2.4, 3.2 and 4.4)

In maintenance work, only those cleaning agents may be used which contain no corrosion-promoting or otherwise deleterious constituents so as to avoid the danger arises of functional impairment and premature failure of products.

8. Care of finishes

It is recommended that cleaning be done routinely at the minimum once a year and after completion of the initial installation. Products installed in corrosive environments such as marine environments, pool areas and kitchen areas to name a few should be cleaned more regularly. Only those cleaning agents should be used which contain no corrosion-promoting or damaging constituents. In order to clean external surfaces a soft clean cloth should be used and no abrasive chemical cleaners, metal polishes, abrasive scourers or brushes are to be used at any time. If a liquid cleaner is required only fresh water on its own or at the most a very cool to warm mild detergent mix can be used, salt or bore water are not be used at any time.

Some product surfaces are classified as soft finishes such as Polished or Satin Brass, Florentine Bronze, Black Chrome Plate, Polyester Powder Coated and painted surfaces. These finishes should not be allowed to have dust or other contaminants build up on the surfaces as this will result in discoloration and deterioration of the finish and product. If products are required to be lubricated avoid excess running on to finished surfaces as this will cause surface deterioration and further more allow dust particles to adhere. Soft finishes in particular are subject to deterioration under some environmental conditions and through general use such as damage by jewellery on hands and fingers, keys, rough handling during installation and the like. The warranty does not extend to misuse of the finish or fair wear and tear.

9. Supplementary product information available to the user

There is a range of supplementary information available for the user to ensure that the requirements of designated use are not contravened.

Such items of information include:

- Catalogues and brochures
- Specification texts, tender/quotation/offer documents, installation drawings, installation manuals or operating manuals.
- Supplementary product information can also be requested at any time from DORMA Customer Service. Further information such as Australian Standards and Building Codes of Australia can be obtained from these organisations.

ABBREVIATIONS

A	Aluminium
AC	Anti corrosive
AF	Aluminium flat
AK	Aluminium kinked
AX	Floor pivot bearing model
B	Pull side
BB	Ball Bearing
BC/ÖD	Backcheck
BG	Slide channel door coordinator push side
BSR	Door coordinator system for floor spring
BTS	Floor springs
C	Concealed fixing
CL	Classic lines arms (TS 73 & TS 83)
DC/SV	Delayed-action closing
ED	Automatic swing door operator
EM	Electro mechanical hold open device
EMB	Electro hydraulic hold open floor spring
EMF	Electro-mechanical or electrohydraulic hold open device
EMR	Electro-mechanical or electrohydraulic hold open device with integrated power pack and smoke detector pack and smokedetector
EN	European norms (standards)
FP	Fixed Pin
G	Push side
G-EMR	Slide channel with electro mechanical hold open
GSR	Slide channel door coordinator pull side
GSR/BG	Slide channel door coordinator push side
GSR-EMF1	Slide channel door coordinator with electro-mechanical hold-open in inactive leaf pull side
GSR-EMF1 G	Slide channel door coordinator with electro-mechanical hold-open in active leaf pull side
GSR-EMF2	Slide channel door coordinator with electro-mechanical hold-open in both leaves pull side
GSR-EMF2/BG	Slide channel door coordinator with electro-mechanical hold-open on push side, hold open in both leaves
G96-EMF	Electro-mechanical hold open device
G96-GSR	Slide channel door coordinator
G96-GSR-EMF	Slide channel door coordinator with electromechanical hold open in both leaves
H	Handle - D/Pull
ISO	International Organisation for Standardisation
LED	Light Emmitting Diode
LP	Loose Pin
MB	Metal Box
N	Non hold open (eg TS 93)
NBC	Non Backcheck
O/S	Offset
ITS	Concealed cam-action door closer
P.A	Parallel arm bracket
PH	Panic Hardware
PHA 2000	Crossbar
PHB 3000	Pushbar
PHT	External trim for PHA 2000 & PHB 3000
RF	Hold open
RTS	Transom concealed door closer
T	Timber
TF	Timber flat
TK	Timber kinked
TS	Door closer
V	Variable - adjustable strength (TS 73 & BTS 75)
V	Visible Fixing (310 & 370 series plates)
W	Wood (RTS 85)



DORMA Australia
Head Office
46-52 Abbott Road
HALLAM
Victoria 3803
Phone 1800 675 411
info.au@dorma.com
www.dorma.com.au