



Distributors of Hardware to the Window, Door & Glazing Industry



PRODUCT GUIDE

EDITION 1

CONTACT DETAILS

BRANCH LOCATIONS

Melbourne Head Office

Address: 17- 19 Merchant Avenue, Thomastown Victoria, Australia 3074

Phone: (03) 9464 3002

Fax: (03) 9464 3004

Email: Sales@igsau.com

Website: www.igsau.com

Opening hours: 08:00am – 5:00pm

Sydney Office

Address: Unit 3/24-28 Skarratt St North, Silverwater NSW 2128

Phone: (02) 9648 3270

Fax: (02) 9748 3361

Email: Salesnsw@igsau.com

Opening hours: 08:00am – 5:00pm

Payment Options

Cash Payments

EFT Transactions

Direct Deposits

Bank Details

Bank: ANZ BANK

BSB: 013 284

Account #: 1109 43771

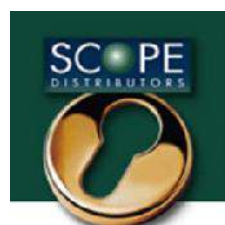


Distributors of Hardware to the Window, Door & Glazing Industry

Proud Distributors of the following Brands:



ASSA ABLOY





Distributors of Hardware to the Window, Door & Glazing Industry

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Distributors of Hardware to the Window, Door & Glazing Industry

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COMMERCIAL HARDWARE

SECTION 1

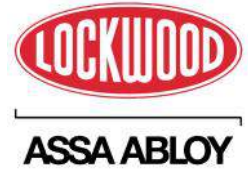
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COMMERCIAL HARDWARE

Mortice Locks

Lockwood - 3582



- Vestibule Mortice Lock
- Suit Metal. Timber Doors Versions Available
- Non-Handed Lock Body
- Suit Door thickness between 32mm - 50mm

Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
LW- 3582SC	Lockwood N/S Primary Lock and Accessories - Satin Chrome	23mm	39.4mm	89.9mm	SC	PB/CP/PC
LW- 4582SC	Lockwood N/S Primary Lock and Accessories - Satin Chrome	25.4mm	41.8mm	89.9mm	SC	PB/CP/PC
LW- 5582SC	Lockwood N/S Primary Lock and Accessories - Satin Chrome	30mm	46.8mm	89.9mm	SC	PB/CP/PC
LW- 6582SC	Lockwood N/S Primary Lock and Accessories - Satin Chrome	38mm	54.4mm	89.9mm	SC	PB/CP/PC

Lockwood - 3582 Kits



- Complete 3582SC Kit with All Accessories
- 3x Combinations Available
- Includes #70 Style Levers
- Suit Metal. Timber Doors Versions Available

Product Code	Description	Std Finish	Other Finishes
LW- 3582KIT-01	Lockwood 3582SC Double Cyl. Kit Complete - Satin Chrome	SC	PB/CP/PC
LW- 3582KIT-04	Lockwood 3582SC Cyl. & Turn Kit Complete - Satin Chrome	SC	PB/CP/PC
LW- 3582KIT-05	Lockwood 3582SC Escape Kit Complete - Satin Chrome	SC	PB/CP/PC

COMMERCIAL HARDWARE

Mortice Locks

Legge - L95MFS



- Vestibule Mortice Lock
- Suit Metal / Timber Doors
- Non-Handed Lock Body
- Suit Door thickness between 32mm - 50mm



Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
IR-L95MFS	Legge N/S Primary Lock and Accessories - Satin Chrome	23mm	41mm	90mm	SC	PB/CP/PC
IR-L95MFS30	Legge N/S Primary Lock and Accessories - Satin Chrome	30mm	48mm	90mm	SC	PB/CP/PC
IR-L95MFS38	Legge N/S Primary Lock and Accessories - Satin Chrome	38mm	56mm	90mm	SC	PB/CP/PC

Legge - L95MFS Kits



- Complete L95MFS Kit with All Accessories
- 3x Combinations Available
- DDA Compliant 29SCP Lever
- Suit Metal / Timber Doors
- 30mm Backset Kit Option Available



Product Code	Description	Std Finish	Other Finishes
IR-L95C27SL/5300S	Legge L95MFS Double Cyl. Kit Complete - Satin Chrome	SC	PB/CP/PC
IR-L95C21SL/5300S	Legge L95MFS Cyl. & Turn Kit Complete - Satin Chrome	SC	PB/CP/PC
IR-L95V31SL/5300S	Legge L95MFS Escape Kit Complete - Satin Chrome	SC	PB/CP/PC

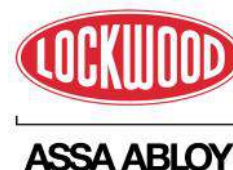
COMMERCIAL HARDWARE

Mortice Locks

Lockwood - 3571



- Mortice Dead Lock
- Non-Handed Lock Body
- Suits Door Thickness 32mm-50mm
- Made from High grade material for Strength and Durability

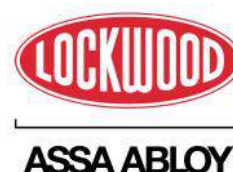


Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
LW- 3571SC	Lockwood Mortice Deadlock and Accessories - Satin Chrome	60mm	84mm	64mm	SC	PB/CP/PC
LW- 4571SC	Lockwood Mortice Deadlock and Accessories - Satin Chrome	89mm	113mm	64mm	SC	PB/CP/PC
LW- 5571SC	Lockwood Mortice Deadlock and Accessories - Satin Chrome	127mm	151mm	64mm	SC	PB/CP/PC

Lockwood - 3572



- Vestibule Mortice Lock
- Non-Handed Lock Body
- Suits Door Thickness 32mm-50mm
- Made from High grade material for Strength and Durability



Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
LW- 3572SC	Lockwood Primary Lock Case and Accessories - Satin Chrome	60mm	84mm	64mm	SC	PB/CP/PC
LW- 4572SC	Lockwood Primary Lock Case and Accessories - Satin Chrome	89mm	113mm	64mm	SC	PB/CP/PC
LW- 5572SC	Lockwood Primary Lock Case and Accessories - Satin Chrome	127mm	151mm	64mm	SC	PB/CP/PC

COMMERCIAL HARDWARE

Mortice Locks

Lockwood - 3573

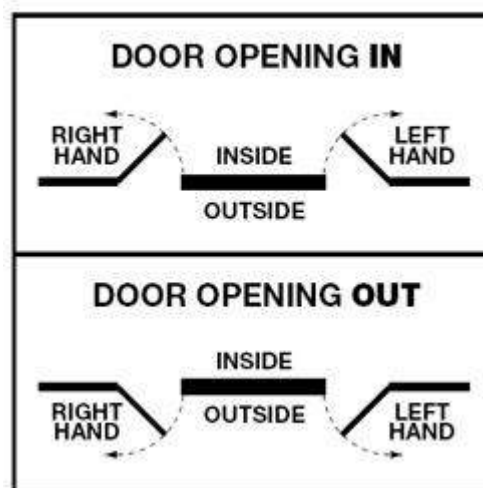


- Sliding Mortice Lock
- Non-Handed Lock Body
- Suits Door Thickness 32mm-50mm
- Made from High grade material for Strength and Durability

Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
LW- 3573SC	Lockwood Primary Lock Case and Accessories Sliding Door - Satin Chrome	60mm	84mm	64mm	SC	PB/CP/PC
LW- 4573SC	Lockwood Primary Lock Case and Accessories Sliding Door - Satin Chrome	89mm	113mm	64mm	SC	PB/CP/PC
LW- 5573SC	Lockwood Primary Lock Case and Accessories Sliding Door - Satin Chrome	127mm	151mm	64mm	SC	PB/CP/PC

Lockwood Handing Guide

Handing Chart



COMMERCIAL HARDWARE

Mortice Locks

Legge - 990MF



- Vestibule Mortice Lock
- Suit Metal / Timber Doors
- Non-Handed Lock Body
- Suit Door thickness between 32mm - 50mm
- Various Backsets Available

Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
IR-L9MFS	Legge Primary Lock Case and Accesories - Satin Chrome	60mm	84mm	64mm	SC	PB/CP/PC

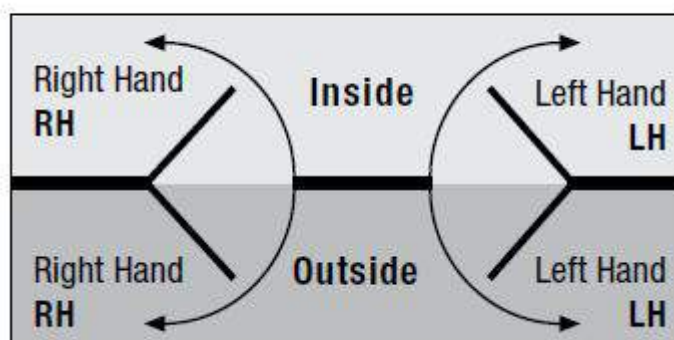
Legge - 990 S



- Vestibule Mortice Lock
- Suit Metal / Timber Doors
- Non-Handed Lock Body
- Suit Door thickness between 38mm - 48mm
- Various Backsets Available

Product Code	Description	Backset	Body Depth	Pitch	Std Finish	Other Finishes
IR-L9SS	Legge 990 Series Sliding Door Lock - Satin Chrome	60mm	84mm	N/A	SC	PB/CP/PC

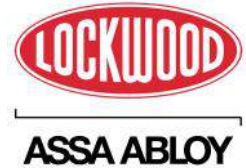
Door handing guide



COMMERCIAL HARDWARE

Mortice Locks

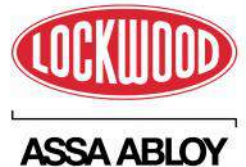
Lockwood - 3540 Series



- Throw Bolt Dead Lock
- Suit Timber / Metal
- Larger Backset Options
- Suit Door 32-58mm Thick
- 3 size Throws

Product Code	Description	Backset	Throw Length	Std Finish	Other Finishes
LW- 3540SC	Lockwood Mortice Lock Short Backset 22mm Bolt - Satin Chrome	23mm	22mm	SC	PB/CP/PC
LW- 3541SC	Lockwood Mortice Lock Short Backset 28mm Hook Throw - Satin Chrome	23mm	28mm	SC	PB/CP/PC
LW- 3542SC	Lockwood Mortice Lock Short Backset 36mm Bolt - Satin Chrome	23mm	35mm	SC	PB/CP/PC

Lockwood - 3540 Series Ordering Key



Ordering Procedure - 3540 Series Short Backset Mortice Locks

Sample Part Number 3540RT4SC is made up of several sections. Choose your product by selecting an option from each section.

For example:

Backset	Fixing	Lock Body	External Function	Internal Function	Finish	Options		
3	5	40	R	T4	SS	####		
Backset	Lock Body	Internal Function	Options	1. Backset Nominate backset as required, eg 3 = 23 mm backset 2. Fixing Select fixing, eg 5 = Fabricator. 3. Lock Body Select lock body with relevant bolt type, eg. 42 = 35 mm bolt.				
23mm	3	22mm Bolt	40	R Cam Cylinder	R	No Cylinder	NCYL	
		28mm Bolt	41	45° Lever	L1	Latching Strike*	LS	
		35mm Bolt	42	90° Lever Right Hand	L2	Security Strike*	SS	
Fixing	External Function	Internal Function	Options					
Fabricator	5	Escape Turn	T1	90° Lever Left Hand	L3	5. Internal Function eg. T1 = Escape Turn. 6. Finish Select appropriate finish, eg. SC. Other finishes available on application. Refer to Polyester Powdercoat (PC) Colour Chart on page 11. 7. Options Where additional options are required, specify as necessary. eg. NCYL = No Cylinder.		
Metal	6	Boomerang Turn	T2	Cylinder Turn	T4			
Timber	7	Cylinder Escape Turn Right Hand	T5	Cylinder Escape Turn Left Hand	T6			
		Anti-lock out Function	E	No Turn	-			
Finish	Internal Function	Options						
Satin Chrome	SC							
Polished Brass	PB							
Chrome Plate	CP							
Powder Coat	PC							

*Note: Latching and security strikes only compatible to 3541, 3641, 3741, 5541 and 5741 locksets.

COMMERCIAL HARDWARE

Mortice Locks

Lockwood - 3540 Series Accessories



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Accessories

Materials.

Brass turnknobs and cylinder escutcheons.

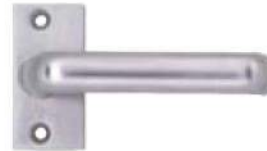
Zinc Diecast Levers

All turnsnibs and levers are supplied with relevant spindles, fixing screws and nuts.

Levers



SP3540-L1 45° Lever



SP3540-L2 90° Lever
(pictured, suits right hand door)
SP3540-L3 (suits left hand door)

Turnsnibs



LW-SP3540-T1SC



LW-SP3540-T21SC



LW-SP3540-T3SC



LW-SP3540-T4SC



Cylinder Escape Turn SP3540-T5
(pictured, suits left hand door)
SP3540-T6 (suits right hand door)

Strikes

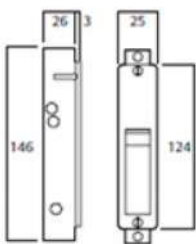


Latching strike with
rear support

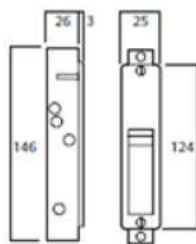


Security strike for
swing doors

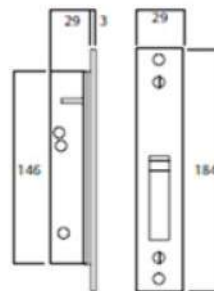
Product Code	Description	Std Finish	Other
LW-SP3540-LSSC	Lockwood 3540 Series Latching Strike	SC	PB/CP/PC
LW-SP3540-SSSC	Lockwood 3540 Series Security Strike	SC	PB/CP/PC



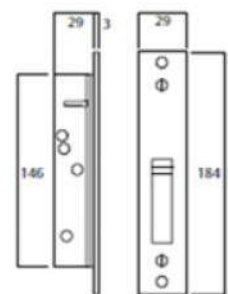
SP3540-LS
Latch Strike Fabricator Mounting



SP3540-SS
Security Strike Fabricator Mounting



SP3640-SS
Latching Strike Timber/Metal Jamb



SP3640-SS
Security Strike Timber/Metal Jamb

COMMERCIAL HARDWARE

Mortice Locks

Yale - 590 Locks



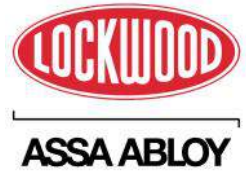
- Throw Bolt Dead Lock
- Suit Door 30-58mm Thick
- Suit Timber / Metal
- 3 size Throws
- Narrow 37mm Body Depth

Product Code	Description	Backset	Throw Length	Std Finish
LW-Y590CCSC	Yale Mortice Deadlock Short Throw 22mm - Double Cylinder	23mm	22mm	SC
LW-Y590CTSC	Yale Mortice Deadlock Short Throw 22mm - Cylinder & Turn	23mm	22mm	SC
LW-Y591CCSC	Yale 28mm (Strike Box Included) - Double Cylinder	23mm	29mm	SC
LW-Y591CTSC	Yale 28mm (Strike Box Included) - Double Cylinder	23mm	29mm	SC
LW-Y592CCSC	Yale Mortice Deadlock Long Throw 35mm - Double Cylinder	23mm	36mm	SC
LW-Y592CTSC	Yale Mortice Deadlock Long Throw 35mm - Cylinder & Turn	23mm	36mm	SC

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

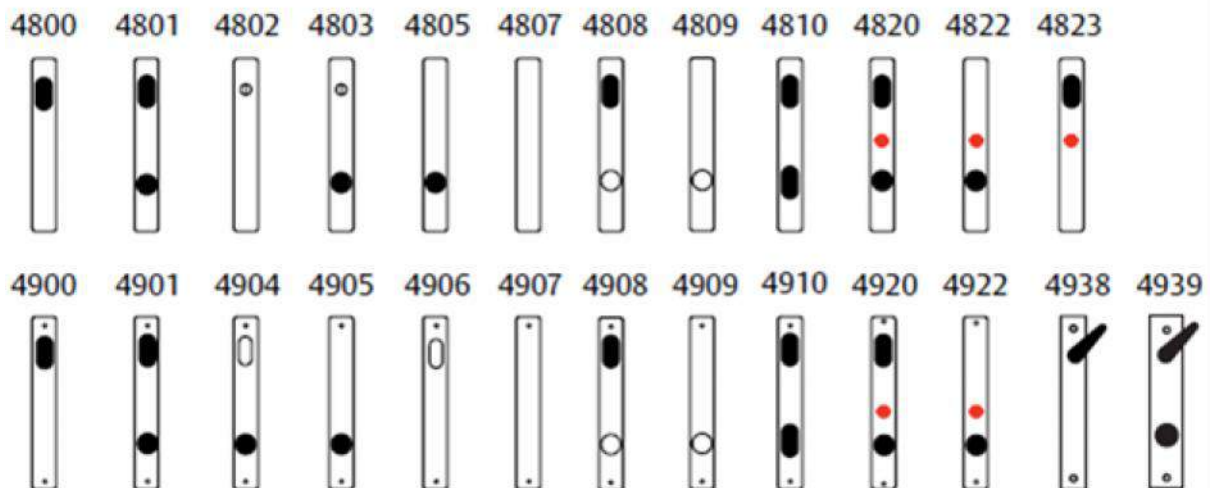
Lockwood - 4800/4900(Square End) Series



- Dimensions: 185 x 26 x 11.5mm
- Suits door thickness between 30mm - 55mm
- Designed for 3580 Series Mortice Locks
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
LW- 48##/##SC	External Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC
LW- 49##/##SC	Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC

4800/4900 Plates and Functions (3580 Series)



Plates and Functions Legend

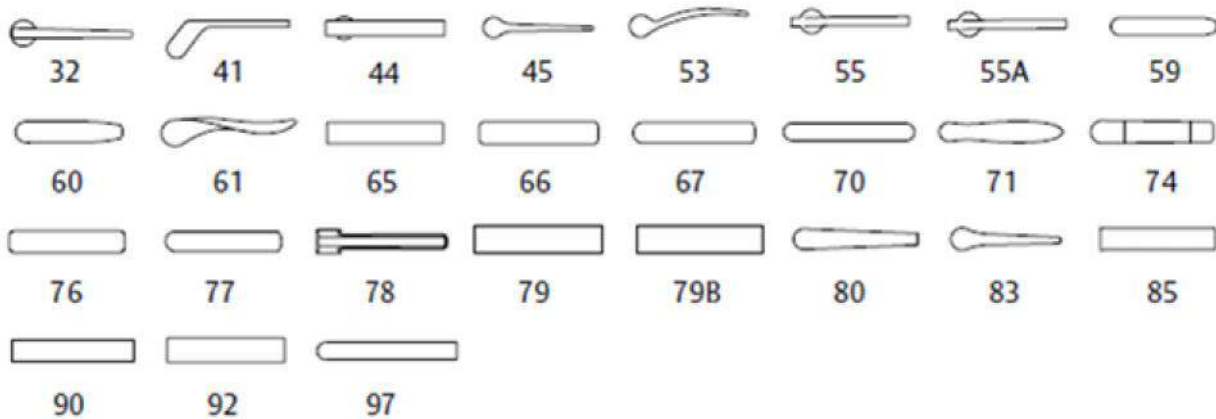
Cylinder Hole		Fixed Lever		Indicating Turnknob	
Turnknob		Disabled		Indicating Slotted Turn	
Slotted Turn		LED		Lever	

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

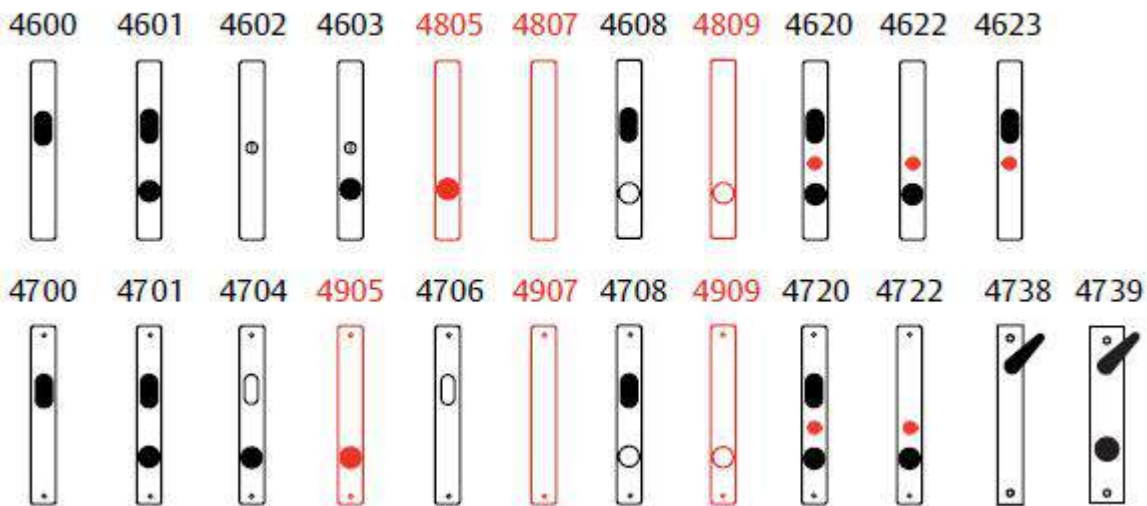
Lockwood - 4800/4900(Square End) Series Cont.

Levers and Knobs to Suit



Lockwood - 4600/4700 Series (Suit 3570 Series)

4600/4700 Plates and Functions (3570 Series) 🔥

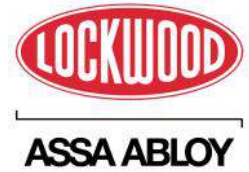


For parts in red, lever and plain plate versions use the 4800/4900 versions.

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

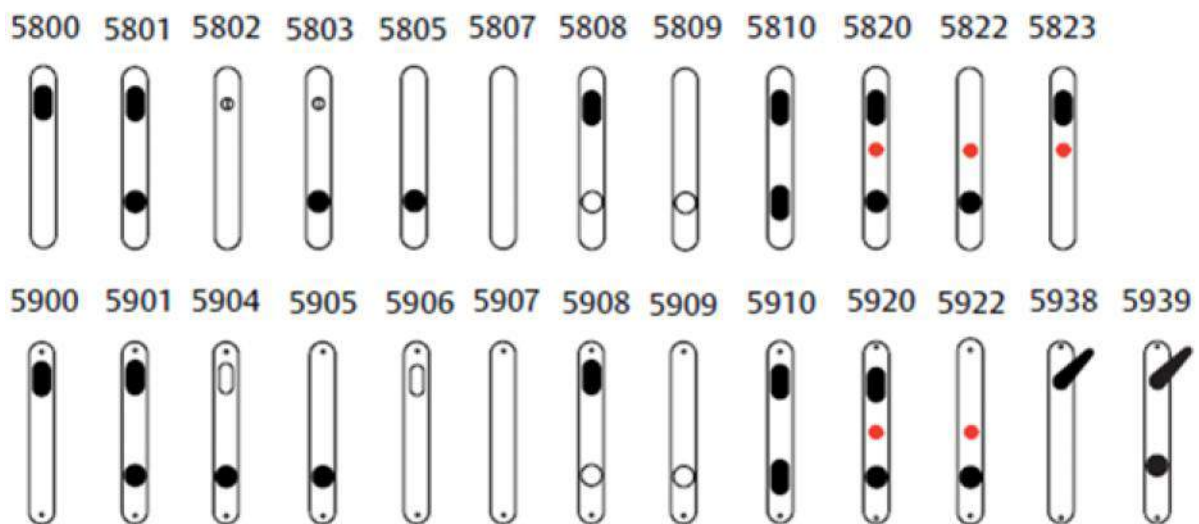
Lockwood - 5800/5900(Round End) Series



- Dimensions: 185 x 26 x 11.5mm
- Suits door thickness between 30mm - 55mm
- Designed for 3580 Series Mortice Locks
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
LW- 58##/##SC	External Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC
LW- 59##/##SC	Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC

5800/5900 Plates and Functions (3580 Series)



Plates and Functions Legend

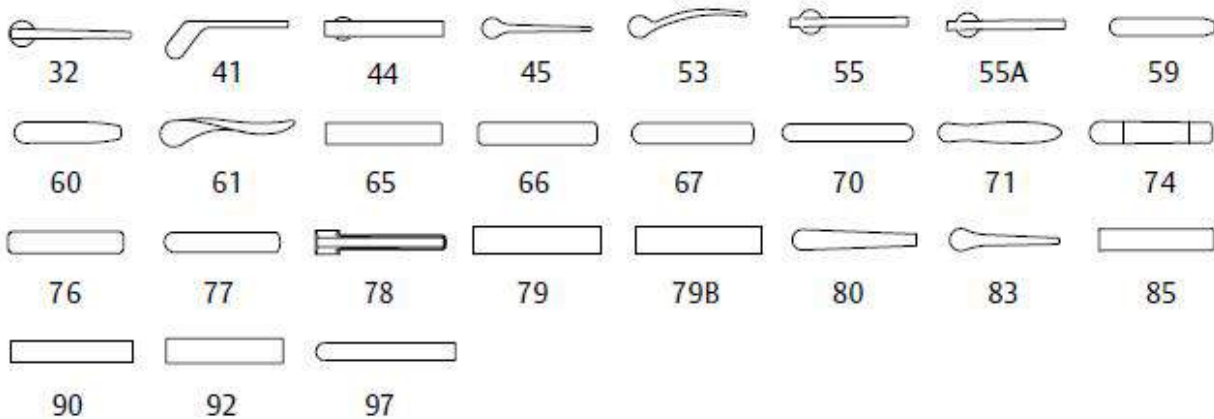
Cylinder Hole		Fixed Lever		Indicating Turnknob	
Turnknob		Disabled		Indicating Slotted Turn	
Slotted Turn		LED		Lever	

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

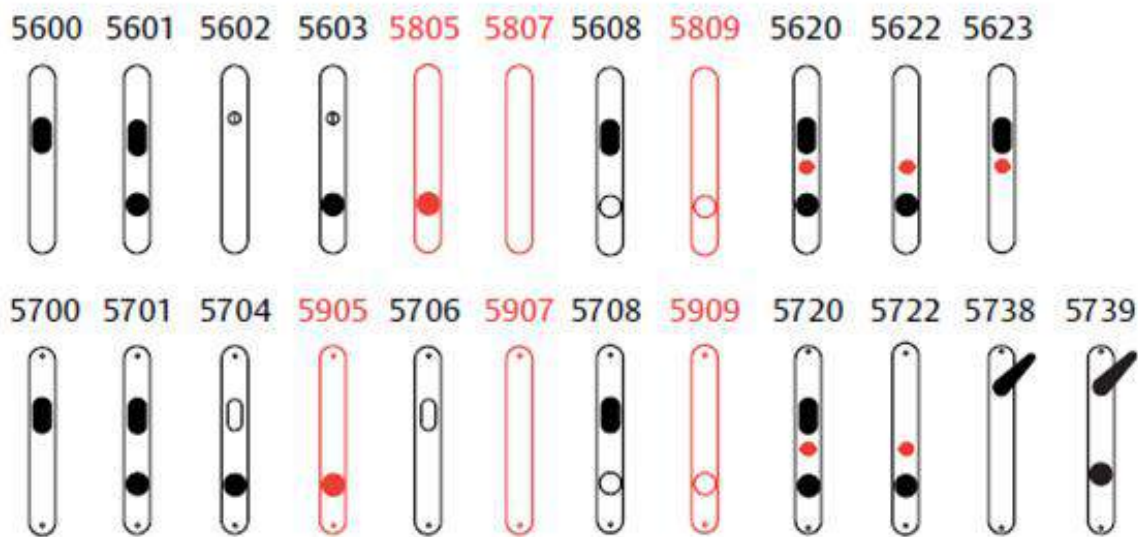
Lockwood - 5800/5900(Round End) Series Cont.

Levers and Knobs to Suit



Lockwood - 5600/5700 Series (Suit 3570 Series)

5600/5700 Plates and Functions (3570 Series)



For parts in red, lever and plain plate versions use the 5800/5900 versions.

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

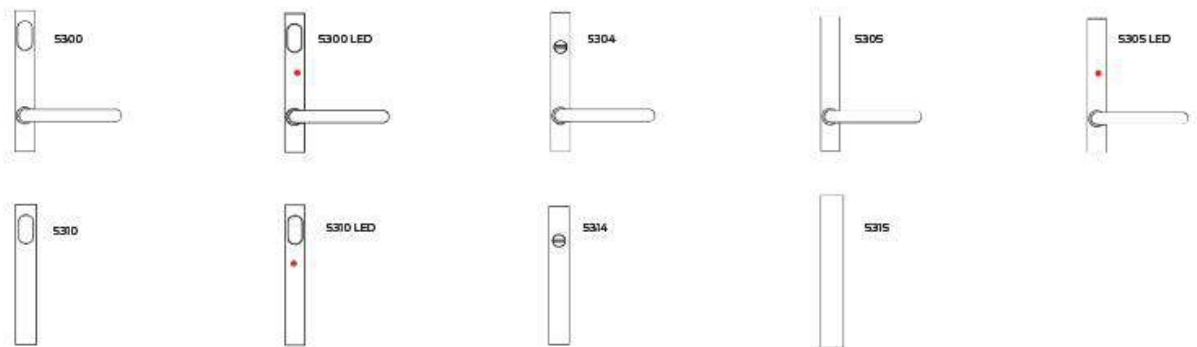
Legge - 5300(Square End) Series



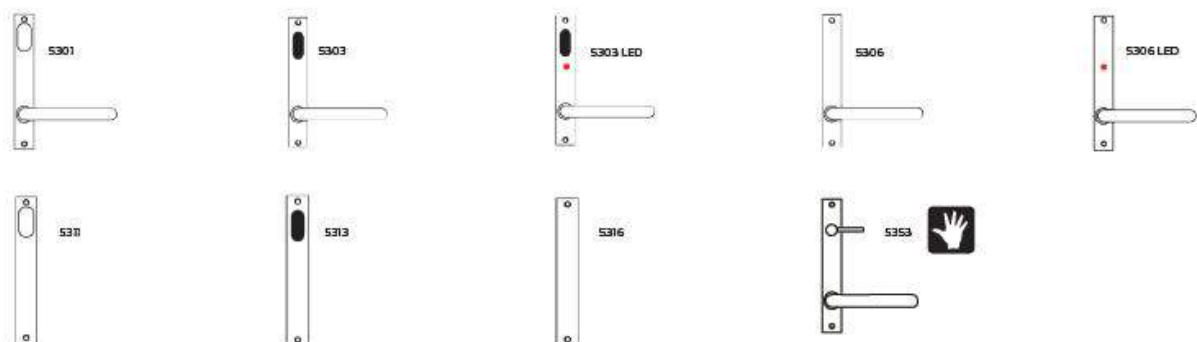
- Plate Dimensions: 185 x 25 x 12mm
- Suits door thickness between 32mm - 50mm
- Designed for 995MF Series Mortice Locks
- 7.6mm Spindle
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
IR-L53##/##SC	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SCP	CP, PB

External plates



Internal plates



Legend

Turn snib

Cylinder hole

Emergency button

Turn bar



LED

Large turn

Indicating



Denotes handed lever



COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Legge - 5300(Square End) Series Cont.

Alessandro #55



Alpha #29



Angelo #57



Bergen



Diablo #15



Cisa #59



* Other Levers Available - Speak to your Sales Representative for more information



Denotes handed lever

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

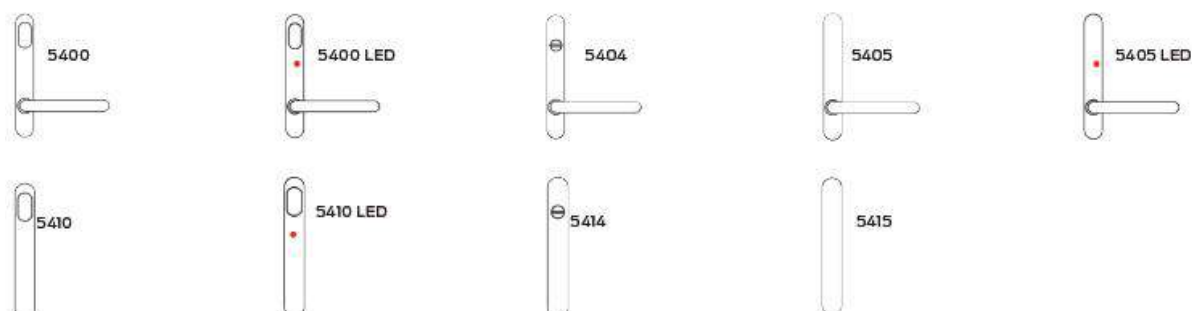
Legge - 5400(Round End) Series



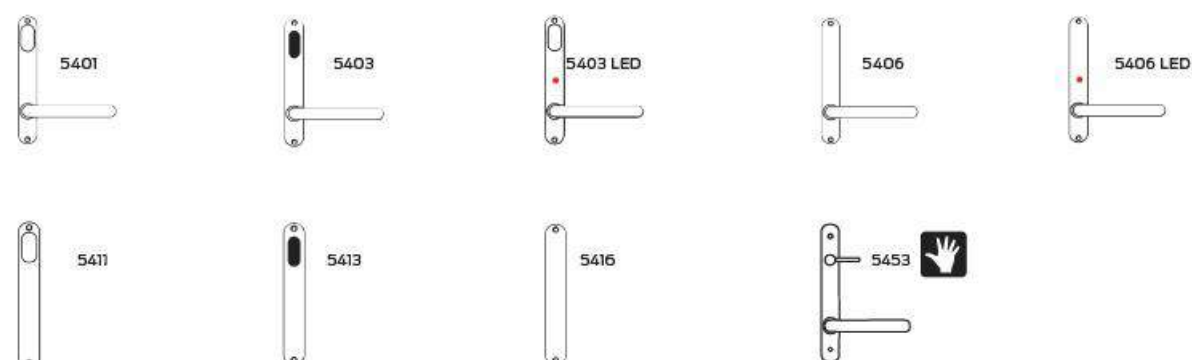
- Plate Dimensions: 185 x 25 x 12mm
- Suits door thickness between 32mm - 50mm
- Designed for 995MF Series Mortice Locks
- 7.6mm Spindle
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
IR-L54##/##SC	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SCP	CP, PB

External plates



Internal plates



Legend

Turn snib

Cylinder hole

Emergency button

Turn bar



LED

Large turn

Indicating



Denotes handed lever

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Legge - 5400(Round End) Series Cont.

Alessandro #55



Alpha #29



Angelo #57



Bergen



Diablo #15



Cisa #59



* Other Levers Available - Speak to your Sales Representative for more information



Denotes handed lever

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Novas - 'P'(Square End) Series



- Plate Dimensions: 185 x 25 x 12mm
- Suits door thickness between 32mm - 50mm
- Designed for 3000 Series Mortice Locks
- 304 Grade Stainless Steel
- 7.6mm Spindle

Product Code	Description	Std Finish	Other Finishes
NH-60-P##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS



- P01** Concealed Cylinder
- P02** Visible Cylinder
- P03** Visible Turn Snib
- P04** Concealed Emergency
- P05** Concealed Plain
- P06** Visible Plain



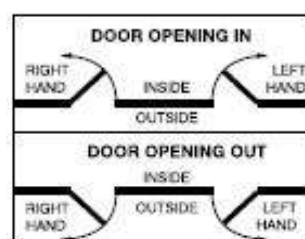
- P11** Concealed Cylinder Blank Plate
- P12** Visible Cylinder Blank Plate
- P13** Visible Turn Snib Blank Plate
- P14** Concealed Emergency Blank Plate
- P15** Concealed Plain Blank Plate
- P16** Visible Plain Blank Plate

Ordering Example

P0151LHSSS

	Finish (SSS, PSS)
	*Handing (LH or RH)
	Lever Design (50, 51, 52, 54, 55)
	Plate Design (P01-P16)

Door Handing



COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Novas - 'P'(Square End) Series Cont.

LEVER 50



LEVER 54



LEVER 51



LEVER 55



LEVER 52



COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Dorma - 6400(Square End) Series

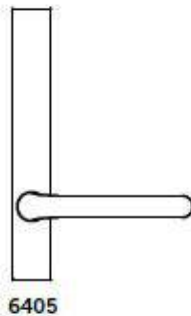
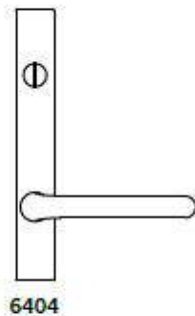
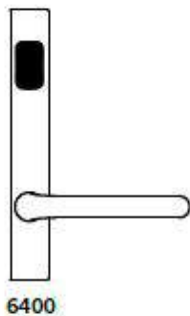


- Plate Dimensions: 185 x 26 x 12.7mm
- Suits door thickness between 32mm - 50mm
- Designed for ST9200 Series Mortice Locks
- 316 Grade Stainless Steel
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
DO-64##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS, PPC

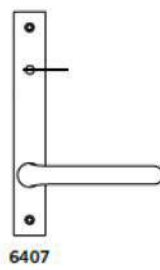
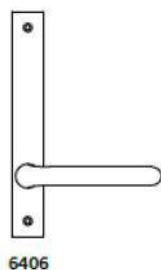
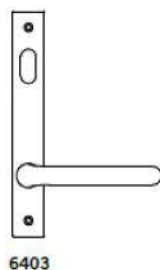
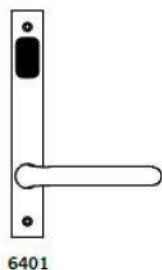
External concealed fix plates with lever

External concealed fix plain plates



Internal visible fix plain plates

Internal visible fix plain plates



Legend



Oval Cylinder Hole



Standard Turn Snib



Privacy Button

F Fixed Lever



LED



Disabled Turn Snib

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Dorma - 6400(Square End) Series Cont.

Lever options & backset suitability – based on frame 12mm stop									
Lever Style	23	25.4	30	38	Lever Style	23	25.4	30	38
 30 - Noosa	●	●	●	●	 37 - Torquay	—	—	●	●
 31 - Sorrento	●	●	●	●	 38 - Airlie * handed	—	●	●	●
 33 - Muriwai	—	—	—	●	 39 - Manly	—	—	●	●
 35 - Mindil * handed	—	—	—	●	 40 - Mandurah	—	—	●	●
 36 - Bicheno	—	—	—	●					

30 Noosa, 37 Torquay and 39 Manly are AS1428.1 2009 compliant



COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Dorma - 6500(Round End) Series

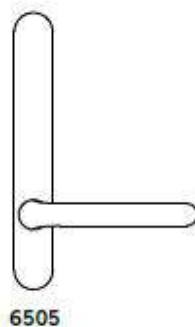
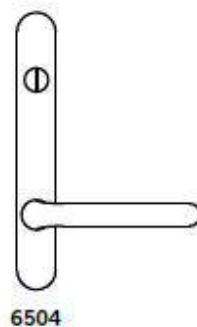
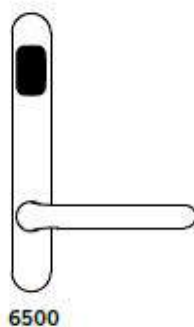


- Plate Dimensions: 185 x 26 x 12.7mm
- Suits door thickness between 32mm - 50mm
- Designed for ST9200 Series Mortice Locks
- 316 Grade Stainless Steel
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
DO-65##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS, PPC

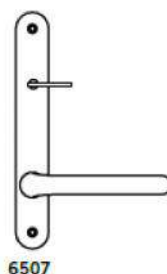
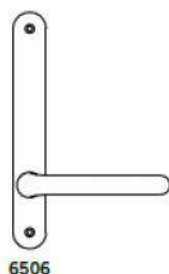
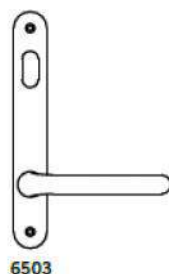
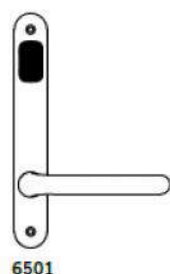
External concealed fix plates with lever

External concealed fix plain plates



Internal visible fix plain plates

Internal visible fix plain plates



Legend

- Oval Cylinder Hole
- Standard Turn Snib
- Privacy Button
- F Fixed Lever
- LED
- Disabled Turn Snib

COMMERCIAL HARDWARE

Narrow Stile Plate Furniture

Dorma - 6500(Round End) Series Cont.

Lever options & backset suitability – based on frame 12mm stop ● Yes – No									
Lever Style	23	25.4	30	38	Lever Style	23	25.4	30	38
 30 - Noosa	●	●	●	●	 37 - Torquay	—	—	●	●
 31 - Sorrento	●	●	●	●	 38 - Airlie * handed	—	●	●	●
 33 - Muriwai	—	—	—	●	 39 - Manly	—	—	●	●
 35 - Mindil * handed	—	—	—	●	 40 - Mandurah	—	—	●	●
 36 - Bicheno	—	—	—	●					

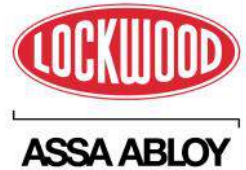
30 Noosa, 37 Torquay and 39 Manly are AS1428.1 2009 compliant



COMMERCIAL HARDWARE

Plate Furniture

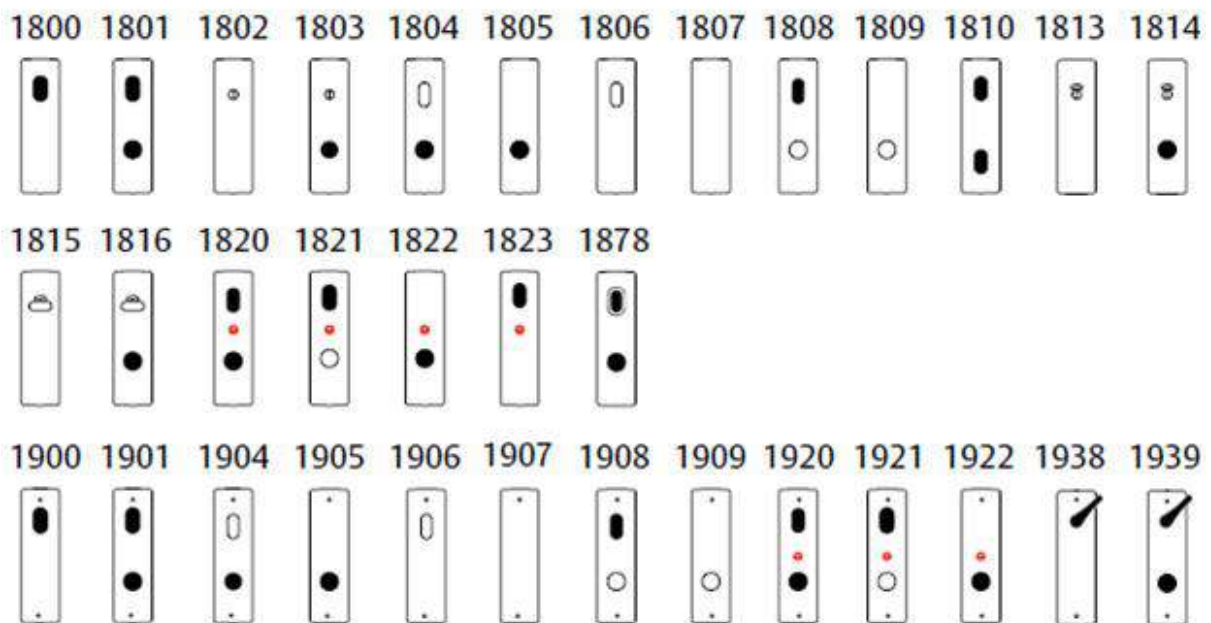
Lockwood - 1800/1900(Square End) Series



- Plate Dimensions: 166 x 48 x 12mm
- Suits door thickness between 32mm -45mm
- Designed for 3570 Series Mortice Locks
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
LW- 18##/##SC	External Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC
LW- 19##/##SC	Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC

Plates and Functions



Plates and Functions Legend

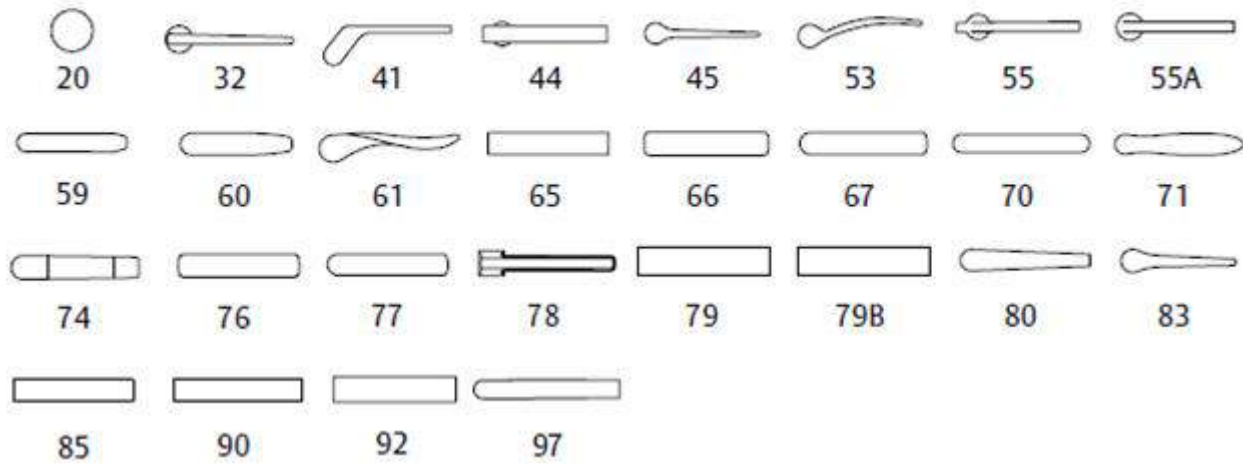
Cylinder Hole		Fixed Lever		Indicating Turnknob	
Turnknob		Disabled		Indicating Slotted Turn	
Slotted Turn		LED		Lever	

COMMERCIAL HARDWARE

Plate Furniture

Lockwood - 1800/1900(Square End) Series Cont.

Levers and Knobs to Suit



COMMERCIAL HARDWARE

Plate Furniture

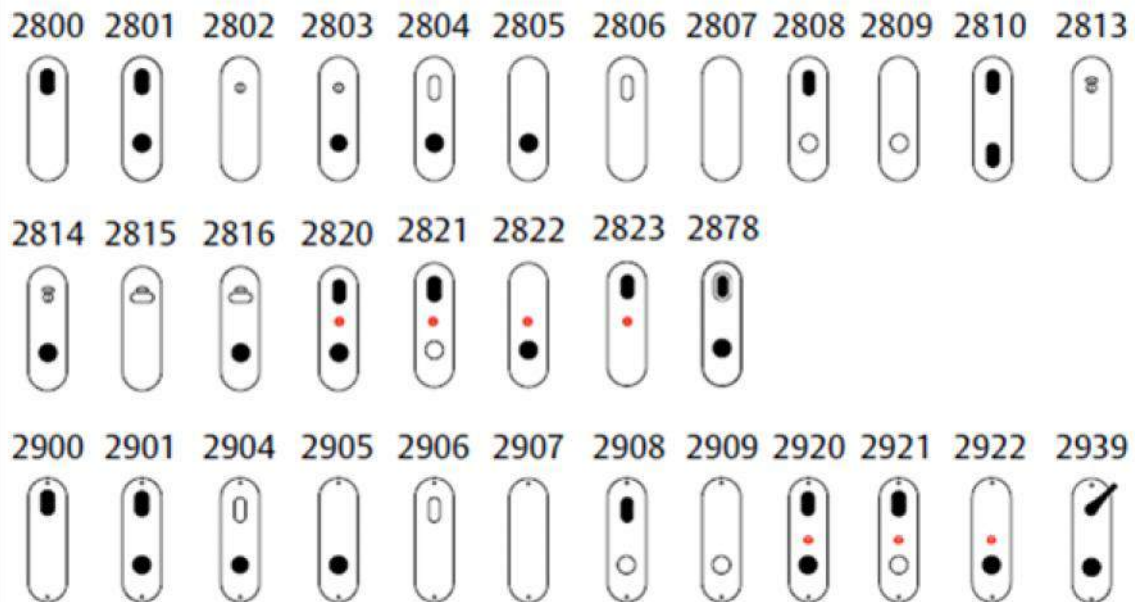
Lockwood - 2800/2900(Round End) Series



- Plate Dimensions: 166 x 48 x 12mm
- Suits door thickness between 32mm -45mm
- Designed for 3570 Series Mortice Locks
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
LW- 28##/##SC	External Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC
LW- 29##/##SC	Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SC	PB/CP/PC

Plates and Functions



Plates and Functions Legend

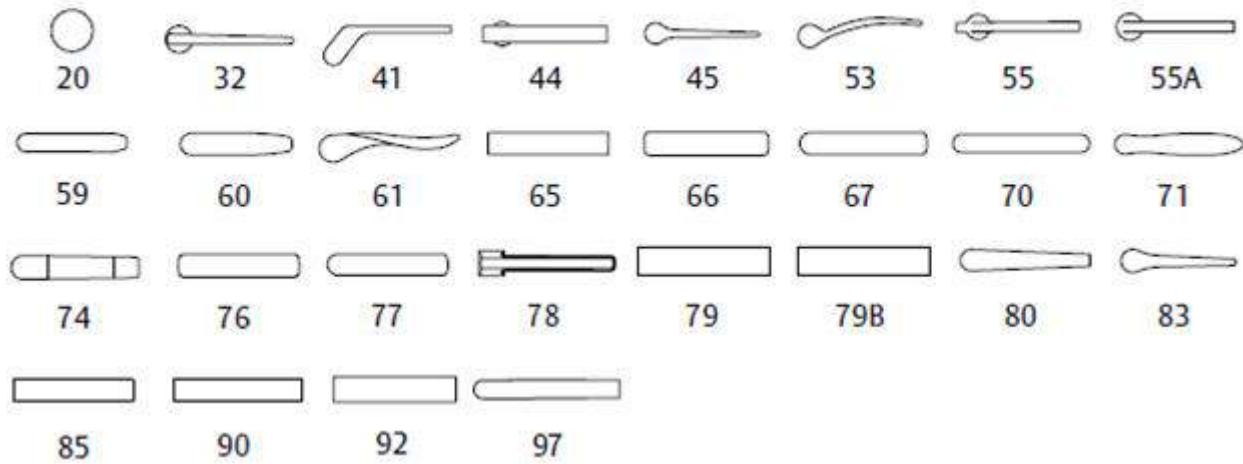
Cylinder Hole		Fixed Lever		Indicating Turnknob	
Turnknob		Disabled		Indicating Slotted Turn	
Slotted Turn		LED		Lever	

COMMERCIAL HARDWARE

Plate Furniture

Lockwood - 2800/2900(Round End) Series Cont.

Levers and Knobs to Suit



COMMERCIAL HARDWARE

Plate Furniture

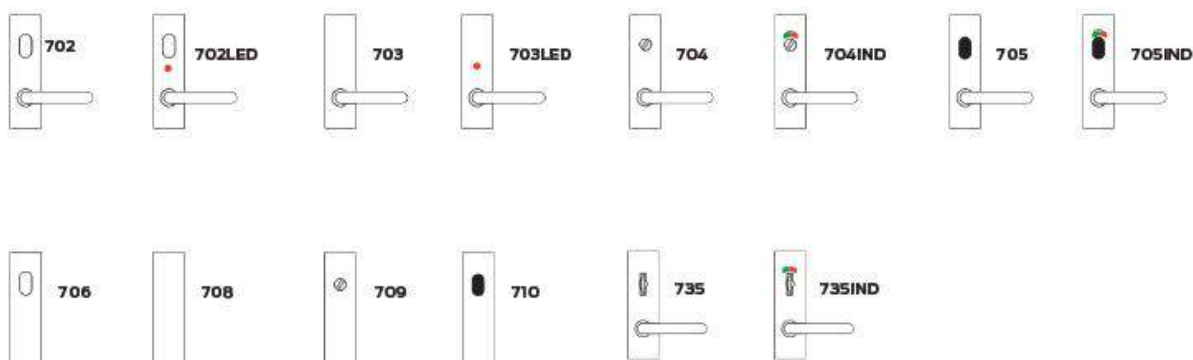
Legge - 700(Square End) Series



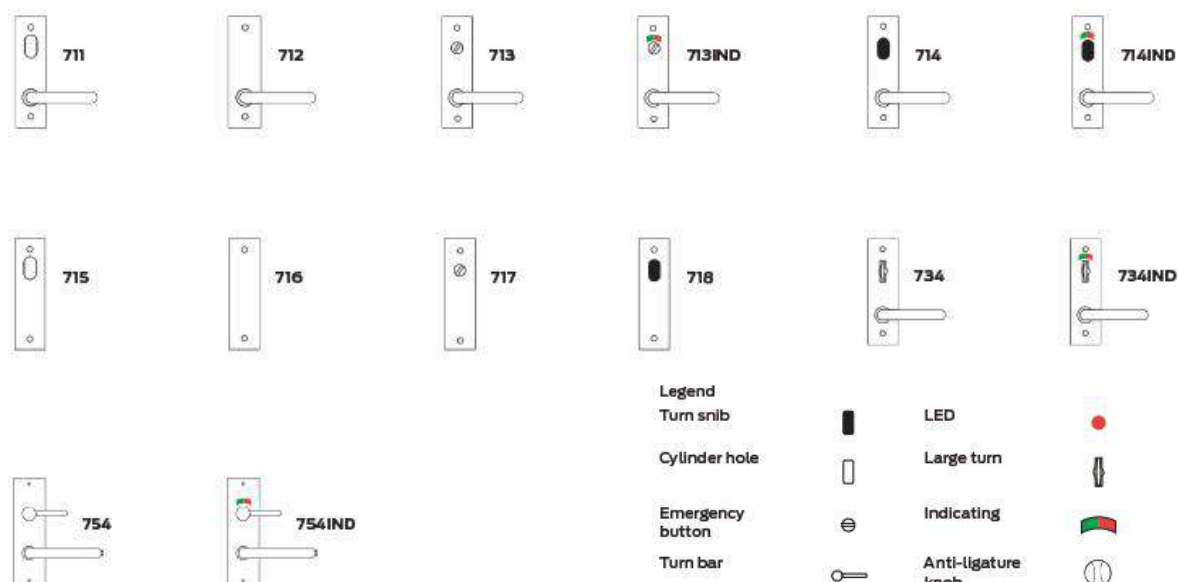
- Plate Dimensions: 168 x 48 x 11mm
- Suits door thickness between 32mm - 50mm
- Designed for 990MF Series Mortice Locks
- 7.6mm Spindle
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
IR-L7##/##SC	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SCP	CP, PB

External plates



Internal plates



Legend

Turn snib

Cylinder hole

Emergency button

Turn bar



LED

Large turn

Indicating

Anti-ligature knob



COMMERCIAL HARDWARE

Plate Furniture

Legge - 700(Square End) Series Cont.

Alessandro #55



Alpha #29



Angelo #57



Bergen



Diablo #15



Cisa #59



* Other Levers Available - Speak to your Sales Representative for more information



Denotes handed lever

COMMERCIAL HARDWARE

Plate Furniture

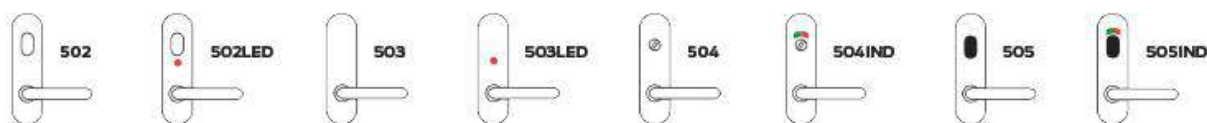
Legge - 500(Round End) Series



- Plate Dimensions: 168 x 48 x 11mm
- Suits door thickness between 32mm - 50mm
- Designed for 990MF Series Mortice Locks
- 7.6mm Spindle
- Plates are not handed; levers may be reversed (Except for Handed Levers)

Product Code	Description	Std Finish	Other Finishes
IR-L5##/##SC	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SCP	CP, PB

External plates



Internal plates



Legend

Turn snib		LED	
Cylinder hole		Large turn	
Emergency button		Indicating	
Turn bar		Anti-ligature knob	

COMMERCIAL HARDWARE

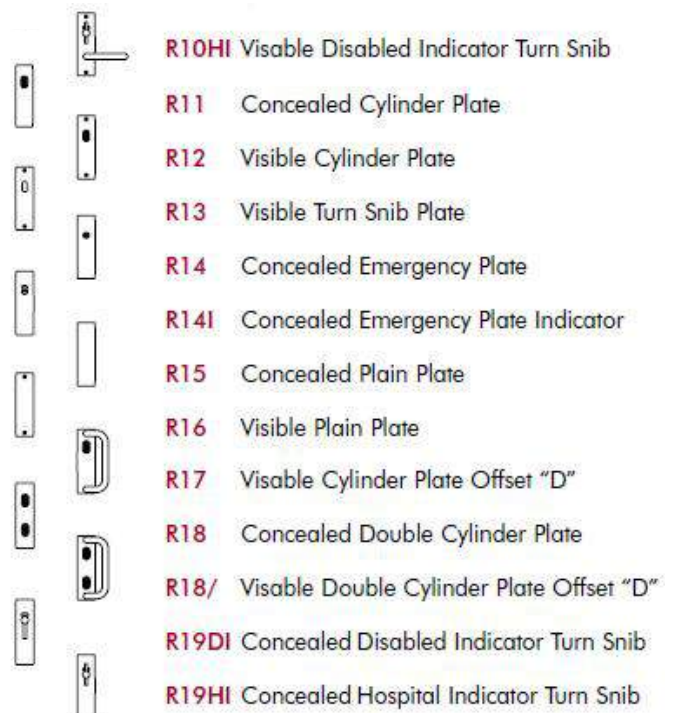
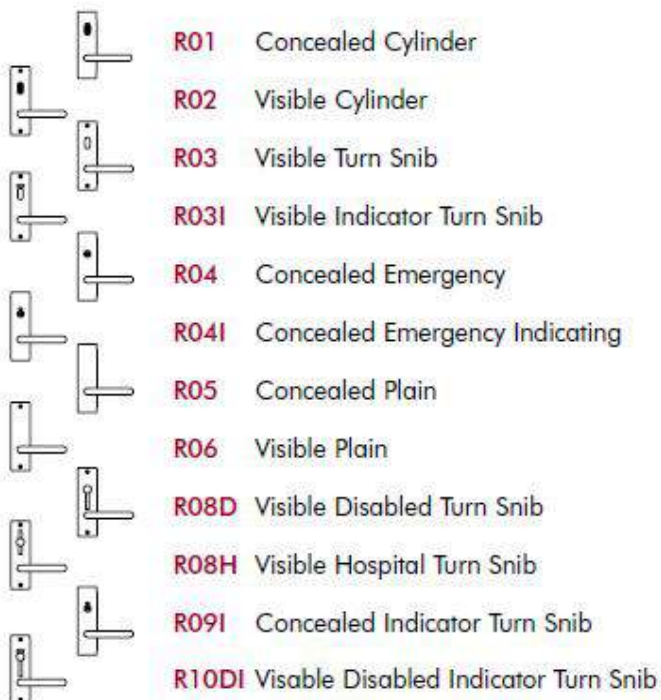
Plate Furniture

Novas - 'R'(Square End) Series



- Plate Dimensions: 165 x 46 x 11.5mm
- Suits door thickness between 32mm - 50mm
- Designed for 6000 Series Mortice Locks
- 304 Grade Stainless Steel
- 7.6mm Spindle

Product Code	Description	Std Finish	Other Finishes
NH-R##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS

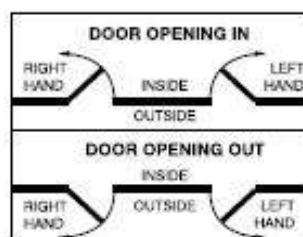


Ordering Example

R0151LHSSS

	Finish (SSS, PSS)
	*Handing (LH or RH)
	Lever Design (50, 51, 52, 54, 55)
	Plate Design (R01-R19)

Door Handing



COMMERCIAL HARDWARE

Plate Furniture

Novas - 'R'(Square End) Series Cont.

LEVER 50



LEVER 54



LEVER 51



LEVER 55



LEVER 52



COMMERCIAL HARDWARE

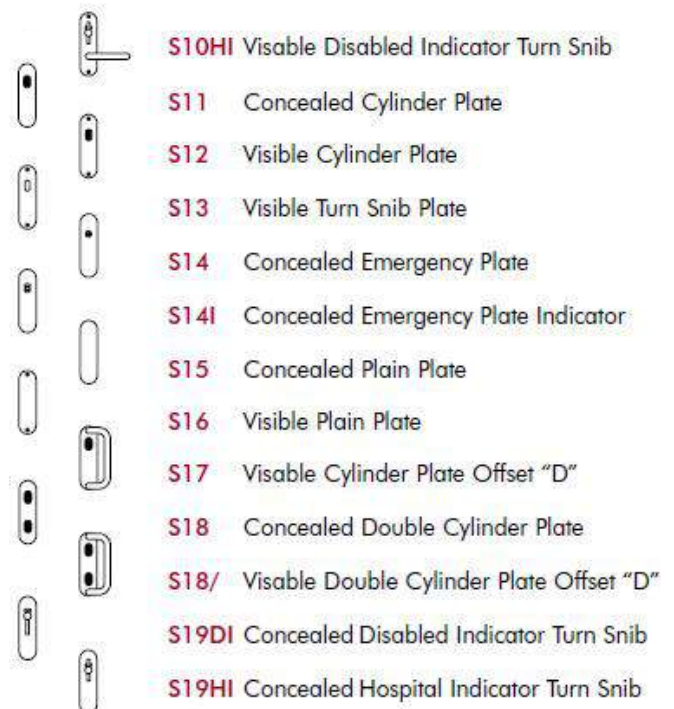
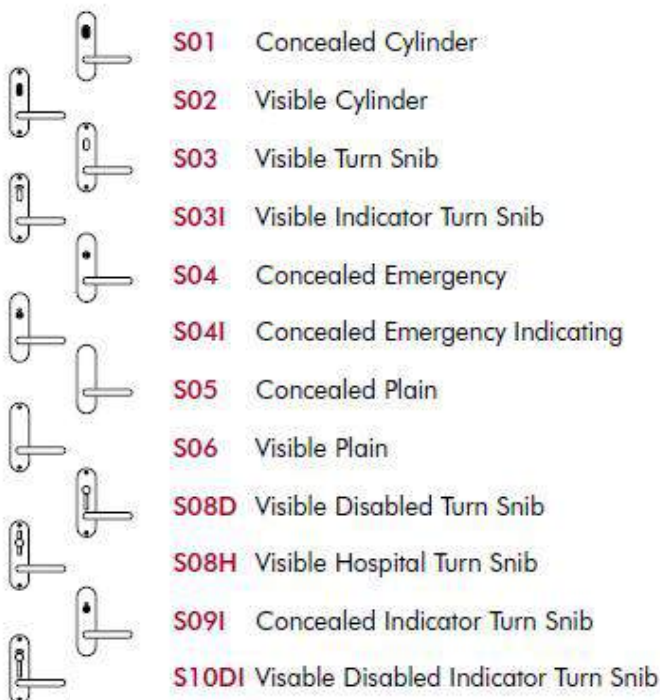
Plate Furniture

Novas - 'S'(Round End) Series



- Plate Dimensions: 165 x 46 x 11.5mm
- Suits door thickness between 32mm - 50mm
- Designed for 6000 Series Mortice Locks
- 304 Grade Stainless Steel
- 7.6mm Spindle

Product Code	Description	Std Finish	Other Finishes
NH-S##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS



Ordering Example

S0151LHSSS

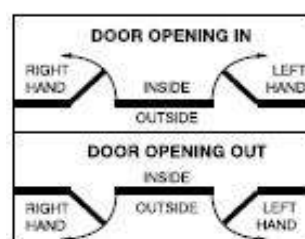
Finish (SSS, PSS)

*Handing (LH or RH)

Lever Design (50, 51, 52, 54, 55)

Plate Design (S01-S19)

Door Handing



COMMERCIAL HARDWARE

Plate Furniture

Novas - 'S'(Round End) Series Cont.

LEVER 50



LEVER 54



LEVER 51



LEVER 55



LEVER 52



COMMERCIAL HARDWARE

Plate Furniture

Dorma - 6600(Square End) Series

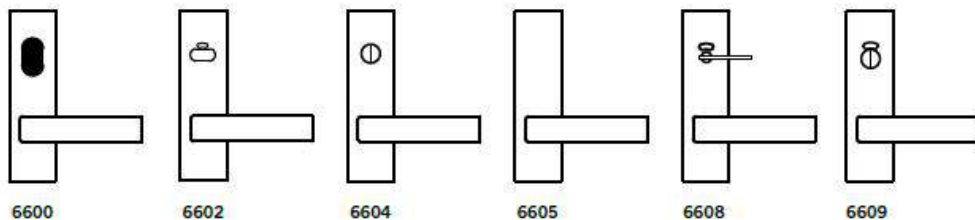


- Plate Dimensions: 165 x 45 x 10mm
- Suits door thickness between 32mm - 50mm
- Designed for ST9600 Series Mortice Locks
- 316 Grade Stainless Steel
- Plates are not handed; levers may be reversed (Except for Handed Levers)



Product Code	Description	Std Finish	Other Finishes
DO-66##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS, PPC

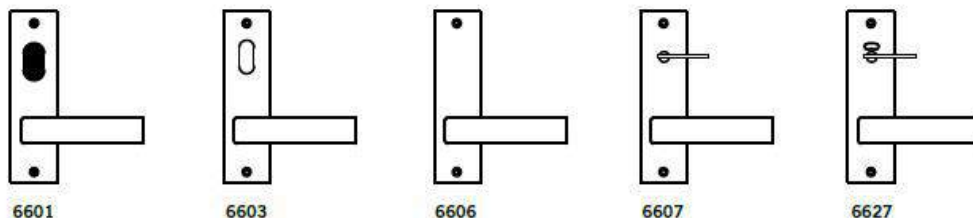
External concealed fix plates with lever



30 Noosa, 37 Torquay and 39 Manly are AS1428.1 2009 compliant



Internal visible fix plates with lever



30 Noosa, 37 Torquay and 39 Manly are AS1428.1 2009 compliant



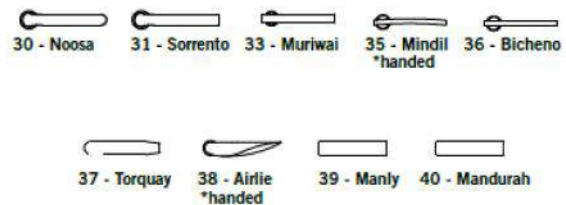
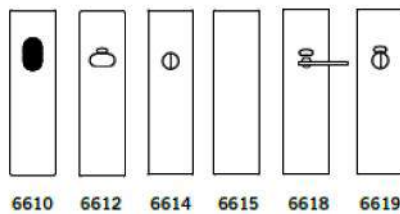
COMMERCIAL HARDWARE

Plate Furniture

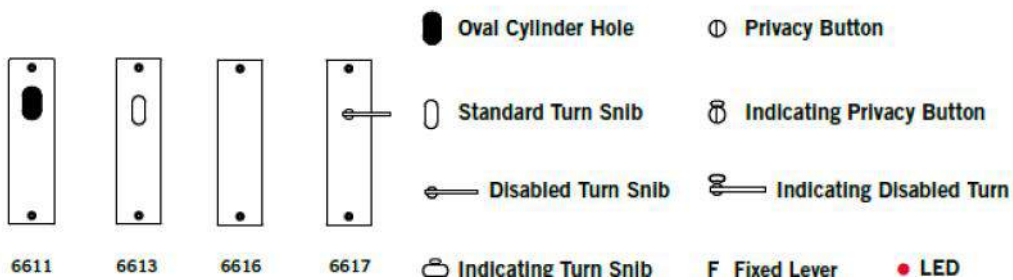
Dorma - 6600(Square End) Series Cont.



External concealed fix plain plates Levers



Internal visible fix plain plates Legend



COMMERCIAL HARDWARE

Plate Furniture

Dorma - 6700(Round End) Series

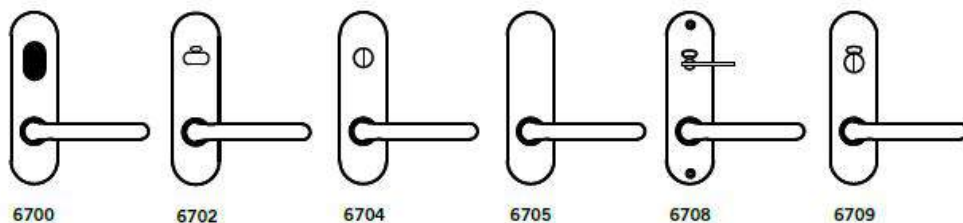


- Plate Dimensions: 165 x 45 x 10mm
- Suits door thickness between 32mm - 50mm
- Designed for ST9600 Series Mortice Locks
- 316 Grade Stainless Steel
- Plates are not handed; levers may be reversed (Except for Handed Levers)



Product Code	Description	Std Finish	Other Finishes
DO-67##/##SSS	External/Internal Plate, # Nom. Plate Function, # Nom. Lever Type - SC	SSS	PSS, PPC

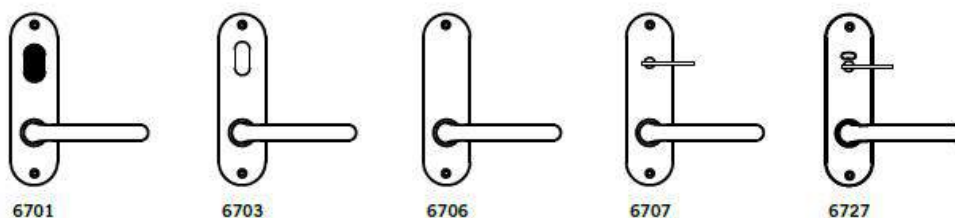
External concealed fix plates with lever



30 Noosa, 37 Torquay and 39 Manly are AS1428.1 2009 compliant



Internal visible fix plates with lever



30 Noosa, 37 Torquay and 39 Manly are AS1428.1 2009 compliant



COMMERCIAL HARDWARE

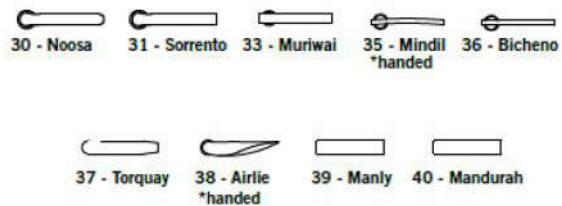
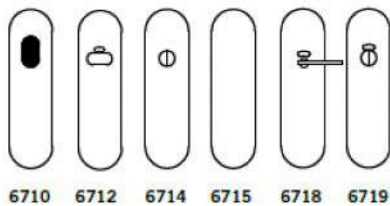
Plate Furniture

Dorma - 6700(Round End) Series Cont.



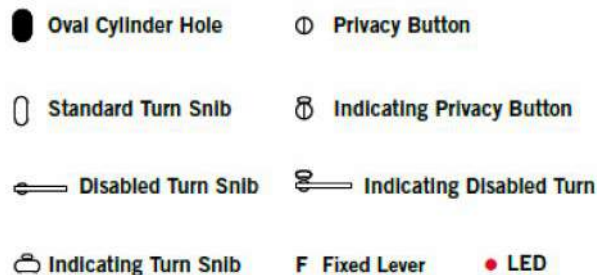
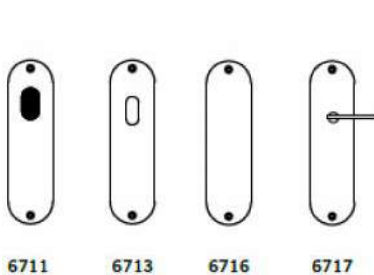
External concealed fix plain plates

Levers



Internal visible fix plain plates

Legend



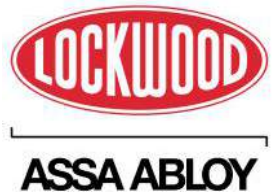
COMMERCIAL HARDWARE

Cylinders & Accessories

570 Cylinders



- Lockwood 6-Pin Cylinder
- Suit 3570, 3580 & 3540 Series Mortice Locks
- Interchangeable 'CAMS'

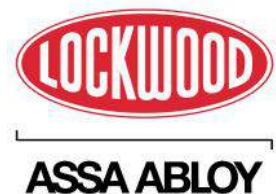


Product Code	Description	Std Finish	Other Finishes
LW-570-2SC	Lockwood 6 Pin 570 Cylinder with 'X' Cam—SC	SC	CP

570 Turns



- Lockwood T4 Turn
- Suit 3570, 3580 & 3540 Series Mortice Locks
- Interchangeable 'CAMS'



Product Code	Description	Std Finish	Other Finishes
LW-SP3540-T4SC	Lockwood T4 Cylinder Turn with 'R' Cam - Satin Chrome	SC	CP

570 Cylinders



- 6-Pin Oval Cylinder
- Suits Most Oval Cylinder Mortice Locks
- Interchangeable 'CAMS'



Product Code	Description	Std Finish	Other Finishes
IGS-V570 #SC	Oval Cylinder 6 Pin C4 (#-Specify Cam)	SC	CP,PC

COMMERCIAL HARDWARE

Cylinders & Accessories

570 Turns



- Oval Cylinder with Turnsnib
- Suits Most Oval Cylinder Mortice Locks
- Interchangeable 'CAMS'



Product Code	Description	Std Finish	Other Finishes
IGS-V570 TSC	Oval Cylinder Turnsnib	SC	CP, PC

570 CAMS



"X" CAM



"Y" CAM



"Z" CAM



"W" CAM



"M" CAM



"RABBIT EAR" CAM

Product Code	Description
IGS-V570/CAM/#	570 Cylinder CAM - '# Specify Cam

COMMERCIAL HARDWARE

Entrance Handles

Dalco Series

- 304 Grade Stainless Steel
- Back to Back or Single Side Fixing
- Concealed Grub Screw
- 10 year Warranty
- Suit Timber, Aluminium & Glass



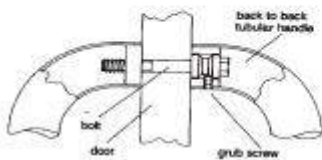
Drilling details

Door type	Tube size ø	Hole size
Timber	32 and 38mm	10mm
Aluminium	32 and 38mm	10mm
Glass	32 and 38mm	14mm

Fixing detail

Standard fixing

Multi fix for timber, aluminium, or glass doors



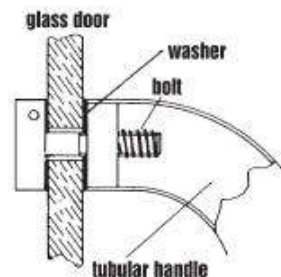
H fixing options



Suitable for timber doors

Note: F & H fixing are for attaching 1/2 set handles. F & H fixing options suitable for round section handles. H fixing option suitable for box section handles

F fixing options



Suitable for timber, aluminium or glass doors ø25mm, ø32mm or ø38mm x 8mm bolt

DALCO -1222



- Straight 'D' Pull
- 50mm Projection + Tube Thickness
- 32mm Diameter Tube
- **Other Sizes Available**
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1222-02	Back to Back 'D' Pull Handle Set—300mm CTC	SSS	PSS/PC	300mm
IR-DAX-1222-03	Back to Back 'D' Pull Handle Set—450mm CTC	SSS	PSS/PC	450mm
IR-DAX-1222-04	Back to Back 'D' Pull Handle Set—600mm CTC	SSS	PSS/PC	600mm

COMMERCIAL HARDWARE

Entrance Handles

DALCO -1231



- Offset 'D' Pull
- 50mm Projection + Tube Thickness
- 32mm Diameter Tube
- **Other Sizes Available**
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1231-03	Back to Back Offset 'D' Pull Handle Set—300mm CTC	SSS	PSS/PC	300mm
IR-DAX-1222-05	Back to Back Offset 'D' Pull Handle Set—450mm CTC	SSS	PSS/PC	450mm
IR-DAX-1222-06	Back to Back Offset 'D' Pull Handle Set—600mm CTC	SSS	PSS/PC	600mm

DALCO –1192



- Curved 'D' Pull
- 50mm Projection + Tube Thickness
- 32mm Diameter Tube
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1192-01	Back to Back Curved 'D' Pull Handle Set—450mm CTC	SSS	PSS/PC	450mm
IR-DAX-1192-02	Back to Back Curved 'D' Pull Handle Set—600mm CTC	SSS	PSS/PC	600mm

DALCO –1195



- Straight 'H Style' Pull
- 35mm Projection + Tube Thickness
- 32mm Diameter Tube
- **Other Sizes Available**
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1195-01	Back to Back 'H Style' Pull Handle Set—300mm O/A	SSS	PSS/PC	100mm
IR-DAX-1195-02	Back to Back 'H Style' Pull Handle Set—450mm O/A	SSS	PSS/PC	250mm
IR-DAX-1195-03	Back to Back 'H Style' Pull Handle Set—600mm O/A	SSS	PSS/PC	400mm

COMMERCIAL HARDWARE

Entrance Handles

DALCO -1213



- Straight 'D' Pull
- 35mm Projection + Tube Thickness
- 25mm x 25mm Square
- **Other Sizes Available**
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1213-01	Back to Back 25x25 'D' Pull Handle Set—300mm CTC	SSS	PSS/PC	300mm
IR-DAX-1213-02	Back to Back 25x25 'D' Pull Handle Set—450mm CTC	SSS	PSS/PC	450mm
IR-DAX-1213-03	Back to Back 25x25 'D' Pull Handle Set—600mm CTC	SSS	PSS/PC	600mm

DALCO - 1244



- Offset 'D' Pull
- 35mm Projection + Tube Thickness
- 25mm x 25mm Square
- **Other Sizes Available**
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1244-01	Back to Back 25x25 SQ Offset 'D' Pull Handle Set— 300mm CTC	SSS	PSS/PC	300mm
IR-DAX-1244-02	Back to Back 25x25 SQ Offset 'D' Pull Handle Set- 450mm CTC	SSS	PSS/PC	450mm
IR-DAX-1244-03	Back to Back 25x25 SQ Offset 'D' Pull Handle Set— 600mm CTC	SSS	PSS/PC	600mm

DALCO - 1246



- Straight 'D' Pull
- 35mm Projection + Tube Thickness
- 25x50mm Rectanglar Tube
- **Other Sizes Available**
- **Custom Sizes Available**



Product Code	Description	Std Finish	Other Finishes	CTC
IR-DAX-1246-01	Back to Back 25x50 'D' Pull Handle Set—300mm CTC	SSS	PSS/PC	300mm
IR-DAX-1246-02	Back to Back 25x50 'D' Pull Handle Set—450mm CTC	SSS	PSS/PC	450mm
IR-DAX-1246-03	Back to Back 25x50 'D' Pull Handle Set—600mm CTC	SSS	PSS/PC	600mm

COMMERCIAL HARDWARE

Flush Pulls

DALCO - Flush Pulls



Product Code	Description	Std Finish
IR-DAX1961SSS-01	Dalco Flush Pull 120mm x 35mm x 12.5mm Deep	SSS
IR-DAX1961SSS-02	Dalco Flush Pull 150mm x 45mm x 16mm Deep	SSS



Product Code	Description	Std Finish
IR-DAX1964SSS-01	Dalco Flush Pull 120mm x 35mm x 12.5mm Deep	SSS
IR-DAX1964SSS-02	Dalco Flush Pull 150mm x 45mm x 16mm Deep	SSS

Other Flush Pulls



Product Code	Description	Std Finish
SU-33745	Rectangle Flush Pull 100x50 x10mm Deep	PSS
SU-43745	Rectangle Flush Pull 100x50 x10mm Deep	SSS
SU-43749	Rectangle Flush Pull 150x50 x10mm Deep	SSS
SU-43752	Rectangle Flush Pull 220x55 x10mm Deep	SSS
SU-43753	Rectangle Flush Pull 320x55 x10mm Deep	SSS



Product Code	Description	Std Finish
IGS-VFP115/SC	Flush Pull 115 x 32mm	SC
IGS-VFP115/PC	Flush Pull 115 x 32mm	PC

COMMERCIAL HARDWARE

Door Stops

Dorma Floor & Wall Mount Stops



Product Code	Description	Std Finish
DO-2290SNP	Dorma Floor Mount Half Moon Door Stop with Black Rubber Buffer	SNP



Product Code	Description	Std Finish
DO-2250SNP	Dorma Floor Mount Door Stop with Black Rubber Buffer	SNP



Product Code	Description	Std Finish
DO-2300SSS	Dorma Wall Mount Door Stop 82mm Projection with Black Rubber Buffer	SSS



Product Code	Description	Std Finish
DO-2350SNP	Dorma Wall Mount Door Stop 75mm Projection with Black Rubber Buffer	SNP



Product Code	Description	Std Finish
DO-2280SSS	Dorma Floor Mount Door Stop with Black Rubber Buffer	SSS

COMMERCIAL HARDWARE

Surface Mount Door Closers

Lockwood 2616 Cam Action Closer



ASSA ABLOY



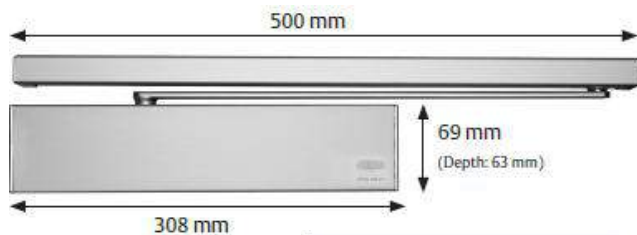
- Size EN 1-6 Adjustable
- Hold Open upto 120 Deg
- Non-Handed
- Can be Mounted Push/Pull Side and Overhead
- Fully Adjustable

Product Code	Description	Finish	Other Finishes
LW-2616DASIL	Lockwood 2616 Cam Action Door Closer ADJ 1-6 DA,BC SIL	SIL	SSS,PB
LW-2616 -104SIL	Lockwood 2616 Push Side Angle Plate	SIL	-
LW-2616 -180SIL	Lockwood 2616 Mounting Plate	SIL	-
LW-2616-153	Lockwood 2616 Opening Damper	N/A	-
LW-2616 -152	Lockwood 2616 Hold Open Device	N/A	-

Door Closer Selection Chart

Recommended Door Width	Door Weight (kg) Max	Closer Power Size	Closing Torque (Nm)
750mm	20	1	9 - <13
850mm	40	2	13 - <18
950mm	60	3	18 - <26
1100mm	80	4	26 - <37
1250mm	100	5	37 - <54
1400mm	120	6	54 - <87
1600mm	160	7	87 - <140

Body Dimensions



Angle Plate

Part Number 2616-104SIL

Allows the side rail to be installed below the door jamb. Required when the face of the door jamb exceeds 25 mm from the face of the door in the closed position.

Opening Damper

Part Number 2616-153

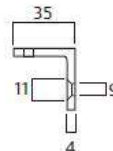
Max. closing angle -110°
Designed to brake the door before hitting the door stopper.
Required for fire door applications.



Hold Open Device

Part Number 2616-152

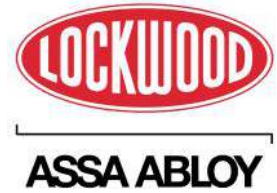
Adjustable hold-open force
Max. hold-open angle -110°



COMMERCIAL HARDWARE

Surface Mount Door Closers

Lockwood 2615 Cam Action Closer



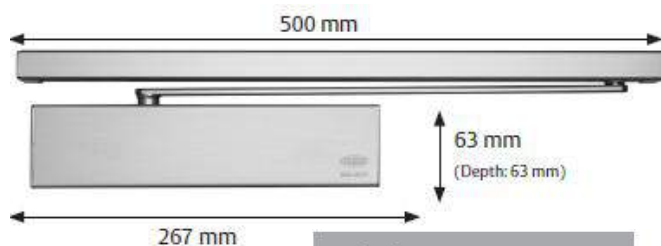
- Size EN 1-5 Adjustable
- Hold Open upto 120 Deg
- Non-Handed
- Can be Mounted Push/Pull Side and Overhead
- Fully Adjustable

Product Code	Description	Finish	Other Finishes
LW-2615DASIL	Lockwood 2615 Cam Action Door Closer ADJ 1-5 DA,BC SIL	SIL	SSS,PB
LW-2615 -104SIL	Lockwood 2615 Push Side Angle Plate	SIL	-
LW-2615 -180SIL	Lockwood 2615 Mounting Plate	SIL	-
LW-2615-153	Lockwood 2615 Opening Damper	N/A	-
LW-2615-152	Lockwood 2615 Hold Open Device	N/A	-

Door Closer Selection Chart

Recommended Door Width	Door Weight (kg) Max	Closer Power Size	Closing Torque (Nm)
750mm	20	1	9 - <13
850mm	40	2	13 - <18
950mm	60	3	18 - <26
1100mm	80	4	26 - <37
1250mm	100	5	37 - <54
1400mm	120	6	54 - <87
1600mm	160	7	87 - <140

Body Dimensions



Angle Plate

Part Number 2616-104SIL

Allows the side rail to be installed below the door jamb. Required when the face of the door jamb exceeds 25 mm from the face of the door in the closed position.

Opening Damper

Part Number 2616-153

Max. ramping angle -110°
Designed to brake the door before hitting the door stopper.
Required for fire door applications.



Hold Open Device

Part Number 2616-152

Adjustable hold-open force
Max. hold-open angle -110°



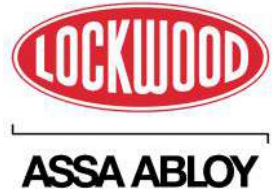
COMMERCIAL HARDWARE

Surface Mount Door Closers

Lockwood 7726DA Series Closers



- Size EN 2-6 Adjustable
- Adjustable. Hold Open upto 150 Deg
- Non-Handed
- Can be Mounted Reg. Parallel and Overhead
- Adjustable Back Check and Delayed Action



Product Code	Description	Finish	Other Finishes
LW-7726DASIL	Lockwood 7726 Door Closer ADJ 2-6 DA,BC SIL	SIL	SSS,PSS
LW-7726HDASIL	Lockwood 7726 Door Closer Hold Open ADJ 2-6 DA,BC SIL	SIL	SSS,PSS
LW-7726SRDASIL	Lockwood 7726 Door Closer Slide Arm ADJ 2-6 DA,BC SIL	SIL	SSS,PSS

Lockwood 7714DA Series Closers



- Size EN 1-4 Adjustable
- Adjustable. Hold Open upto 150 Deg
- Non-Handed
- Can be Mounted Reg. Parallel and Overhead
- Adjustable Back Check and Delayed Action



Product Code	Description	Finish	Other Finishes
LW-7714DASIL	Lockwood 7716 Door Closer ADJ 1-4 DA,BC SIL	SIL	SSS,PSS
LW-7714HDASIL	Lockwood 7714 Door Closer Hold Open ADJ 1-4 DA,BC SIL	SIL	SSS,PSS
LW-7714SRDASIL	Lockwood 7714 Door Closer Slide Arm ADJ 2-6 DA,BC SIL	SIL	SSS,PSS

COMMERCIAL HARDWARE

Surface Mount Door Closers

Yale 2600 Series Door Closer



- Size EN 2-6 Adjustable
- Hold Open Arm 80-180 Deg(Arm Sold Sep.)
- Non-Handed
- Can be Mounted Reg. Parallel and Overhead
- Adjustable Back Check



Product Code	Description	Finish
LW-Y2600SIL	Yale 2600 Door Closer ADJ 2-6 Back Check—Silver	Silver
LW-Y2600-431SIL	Yale 2600 Slide Rail Assembly	Silver
LW-Y2600-224SIL	Yale 2600 Hold Open Arm Assembly (Suits Y2600, Y300-ST, Y400-ST, Y500-ST)	Silver
LW-Y2600-180SIL	Yale 2600 Drop Plate	Silver
LW-Y2600-157SIL	Yale 2600 'L' Parallel Arm Bracket	Silver

Yale 2400 Series Door Closer



- Size EN 2-4 Adjustable
- Hold Open Arm 80-180 Deg(Arm Sold Sep.)
- Non-Handed
- Can be Mounted Reg. Parallel and Overhead
- Adjustable Back Check



Product Code	Description	Finish
LW-Y2400SIL	Yale 2400 Door Closer ADJ 2-4 Back Check—Silver	Silver
LW-Y2400-431SIL	Yale 2400 Slide Rail Assembly	Silver
LW-Y2400-224SIL	Yale 2400 Hold Open Arm Assembly (Suits Y2600, Y300-ST, Y400-ST, Y500-ST)	Silver
LW-Y2400-180SIL	Yale 2400 Drop Plate	Silver
LW-Y2400-157SIL	Yale 2400 'L' Parallel Arm Bracket	Silver

COMMERCIAL HARDWARE

Surface Mount Door Closers

Yale Y300, 400 & 500 Series Closers



- Fixed Power Sizes 3,4,5
- Hold Open Arm 80-180 Deg(Arm Sold Sep.)
- Non-Handed
- Adjustable Latching Speed



Product Code	Description	Finish
LW-Y300STSIL	Yale Door Closer Standard Arm Size 3 - Silver	Silver
LW-Y400STSIL	Yale Door Closer Standard Arm Size 4 - Silver	Silver
LW-Y500STSIL	Yale Door Closer Standard Arm Size 5 - Silver	Silver
LW-Y2400-224SIL	Yale 2400 Hold Open Arm Assembly (Suits Y2600, Y300-ST, Y400-ST, Y500-ST)	Silver
LW-Y2600-224SIL	Yale 2600 Hold Open Arm Assembly (Suits Y2600, Y300-ST, Y400-ST, Y500-ST)	Silver

Yale Y300, 400 & 500 Series Closers



- Fixed Power Sizes 3,4,5
- Offset Parallel Arm—Suits up to 13mm Stop
- Push Side Only
- Adjustable Closing & Latching Speed



Product Code	Description	Finish
LW-Y300OPSIL	Yale Door Closer Push Side Offset P/Arm Size 3 - Silver	Silver
LW-Y400OPSIL	Yale Door Closer Push Side Offset P/Arm Size 4 - Silver	Silver
LW-Y500OPSIL	Yale Door Closer Push Side Offset P/Arm Size 5 - Silver	Silver

COMMERCIAL HARDWARE

Surface Mount Door Closers

Dorma TS93 Closers



- Size EN 1-6 Adjustable
- Hold Open upto 120 Deg
- EN 5-7 Available
- Height Adj. G-N Slide Channel
- Fully Adjustable



Product Code	Description	Finish	Other Finishes
DO-TS93B	Dorma TS93B Closer, Slide Arm, Pull Side EN1-5 Comp - Silver	Silver	PC
DO-TS93G	Dorma TS93G Closer With Angle Bracket and Slide Rail Push Side Size EN 1-5 - Silver	Silver	PC
DO-64000500	Dorma Slide Block Hold Open To Suit TS92,TS93	N/A	-
DO-TS93-GN-LT	Dorma Limiting Stop to Suit TS91,92,93	N/A	-
DO-TS93 AB	Dorma Angle Bracket to Suit TS93 G-N	Silver	PC
DO-TS93 MP	Dorma TS93 Mounting Back Plate	Silver	PC

Dorma TS92 Closers



- Size EN 2-4 Adjustable
- Hold Open upto 120 Deg
- Height Adj. G-N Slide Channel
- Fully Adjustable



Product Code	Description	Finish	Other Finishes
DO-TS92B	Dorma TS92B Closer, Slide Arm, Pull Side EN2-4 Comp - Silver	Silver	PC
DO-TS92G	Dorma TS92G Closer With Angle Bracket and Slide Rail Push Side Size EN 1-5 - Silver	Silver	PC
DO-64000500	Dorma Slide Block Hold Open To Suit TS92,TS93	N/A	-
DO-TS93-GN-LT	Dorma Limiting Stop to Suit TS91,92,93	N/A	-
DO-TS93 AB	Dorma Angle Bracket to Suit TS93 G-N	Silver	PC
DO-TS93 MP	Dorma TS93 Mounting Back Plate	Silver	PC

COMMERCIAL HARDWARE

Surface Mount Door Closers

Dorma TS83 Closers



- Size EN 3-6 Adjustable
- Hold Open upto 120 Deg
- EN 7 Available
- Adjustable Closing Speed and Backcheck

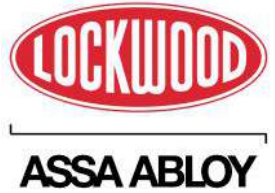


Product Code	Description	Finish	Other Finishes
DO-TS8300SIL	Dorma TS83 Door Closer - Standard Arm - Silver	Silver	PC
DO-22003001	Dorma TS83 Hold Open Arm	Silver	PC
DO-28006601	Dorma TS83 Parallel Arm Bracket	Silver	PC
DO-38000301	Dorma Angle Bracket to Suit TS83	Silver	PC
DO-38000201	Dorma TS83 Mounting Back Plate	Silver	PC

COMMERCIAL HARDWARE

Concealed Over Head Closers

Lockwood - 9800 Series



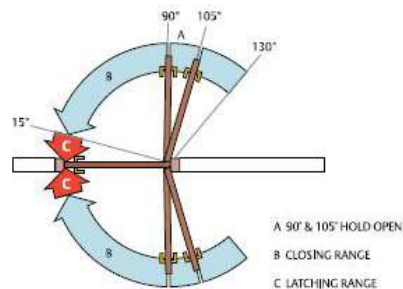
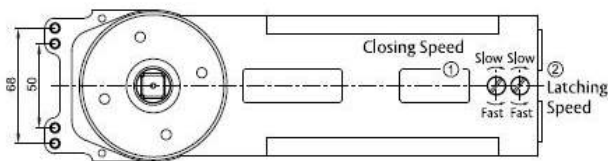
- Available in Size 2,3 & 4
- Hold Open Version Available
- Pivots and Straps Included
- Built In Back Check
- Max. Door Weight of 115kg

Product Code	Description
LW-985#N	Lockwood Size #(Specify 2,3,4) Overhead Transom Closer Non Hold Open
LW-985#H90	Lockwood Size #(Specify 2,3,4) Overhead Transom Closer 90° Hold Open
LW-985#H105	Lockwood Size #(Specify 2,3,4) Overhead Transom Closer 105° Hold Open

9800 Series Concealed Overhead Transom Closer - Size Selection Chart

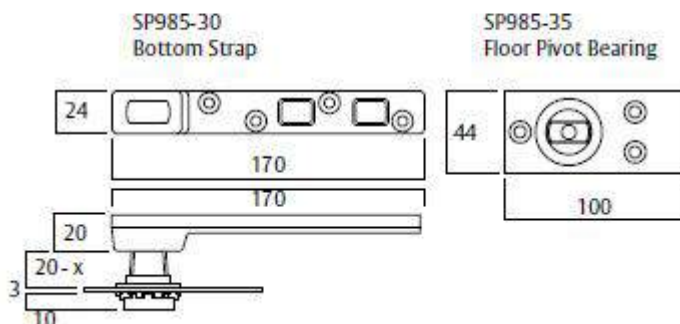
Power Size	Door Width	Max Door Weight	Closing Torque
2	850 mm	115 kg	16 Nm
3	1050 mm	115 kg	21 Nm
4	1220 mm	115 kg	29 Nm

Limiting Dimensions



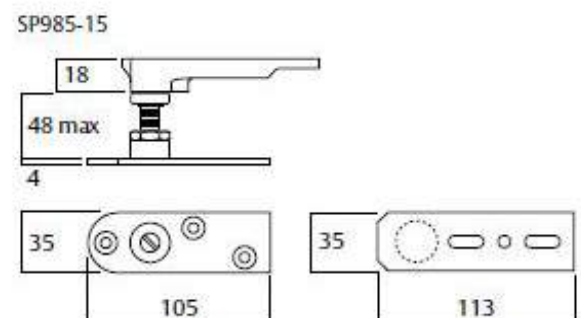
Heavy Duty Bottom Pivot

- 200 kg fire rated heavy duty



Universal Bottom Pivot

- Fully adjustable height 31.5mm to 58.5mm
- 115 kg loading radial bearing



COMMERCIAL HARDWARE

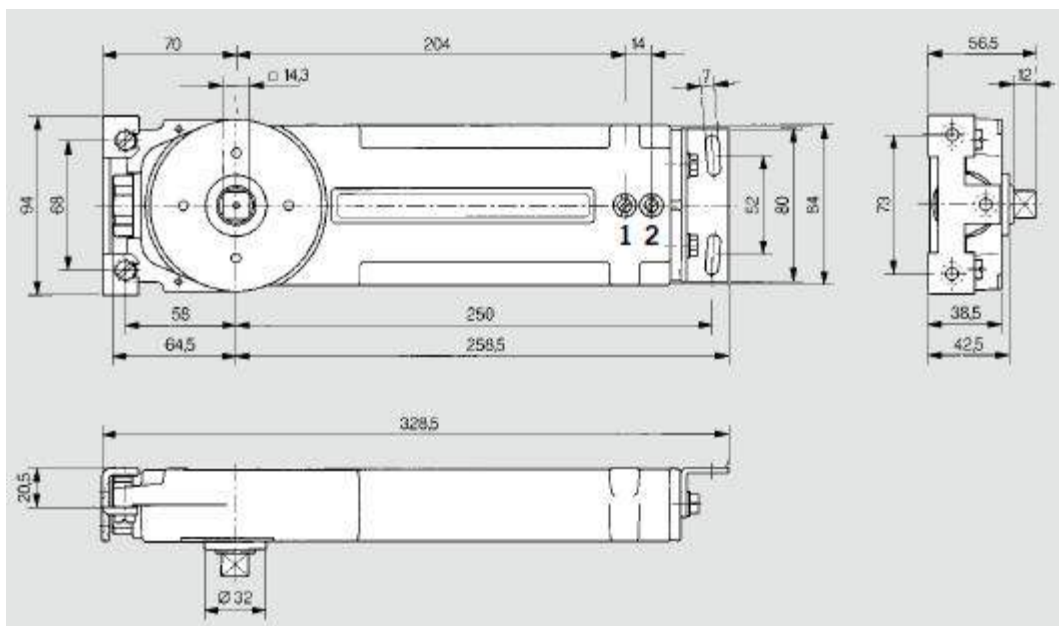
Concealed Over Head Closers

Dorma - RTS85 Series



- Available in Size 3,4 & 5
- Hold Open Version Available
- Pivots and Straps Included
- Built In Back Check
- Max. Door Weight of 110kg

Product Code	Description
DO-RTS85 NHO #	Dorma RTS85 Size #(Specify 3,4,5) Overhead Transom Closer Non Hold Open
DO-RTS85 HO# EN#	Dorma RTS85 Size #(Specify 3,4,5) Overhead Transom Closer #°(Specify 90/105) Hold Open

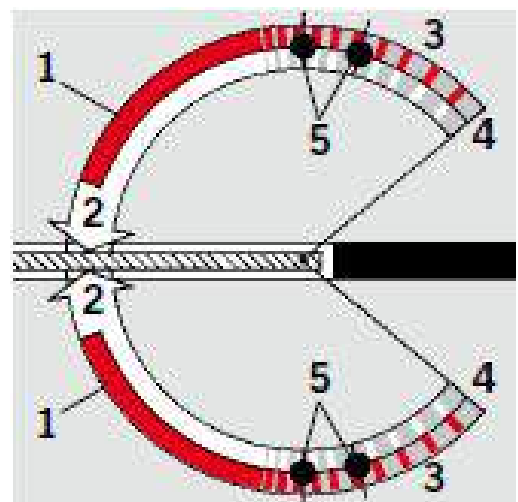


Standard and optional functions

- 1 Fully controlled closing with adjustable speed
- 2 Adjustable final closing
- 3 Progressive mechanical backcheck
- 4 Mechanical backstop**

5 Hold-open points – depending on model (optional) 105° or 90°

** Door opening angle max. 130° on both sides; in the case of heavy doors which can be opened further, door stops must be used. In the case of single action doors, the opening angle may be reduced depending on the door design.



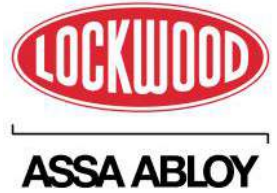
COMMERCIAL HARDWARE

Floor Springs

Lockwood - ST8011 Series



- Size EN 3-6 Adjustable
- Hold Open by Setting
- Built In Back Check / Delayed Action
- Max. Door Weight of 300kg

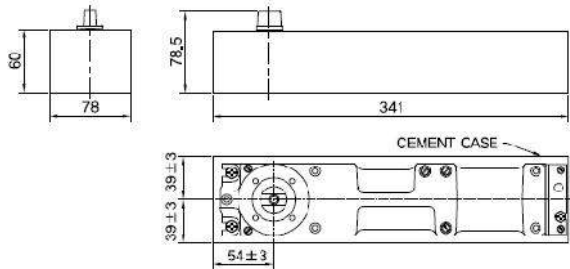


Product Code	Description	Finish
LW-ST8011SSS	Lockwood Floor Spring Size 3-6 300kgs - Satin Stainless Steel	SSS

Standard Adjustments

Recommended Door Sizes

Recommended Door Width	Door Weight (kg) Max	Closer Power Size	Closing Torque (Nm)
950	60	3	18 - <26
1100	80	4	26 - <37
1250	100	5	37 - <54
1400	120	6	54 - <87



Limiting Dimensions

Adjustments within Cement Box

Vertical	9 mm
Side	6 mm
Front	5 mm

Adjust Closing Speed

Valve "A" - controls closing speed from MAX. (OPENING - 85°)

Valve "B" - controls closing speed from approx. (85° ~ 15°)

Valve "C" - controls closing speed from approx. (15° ~ 0°)

Valve "D" - Adjustable closing force (EN3~6)

Back-check

The integrated mechanical back-check function offers optimum protection for doors and wall

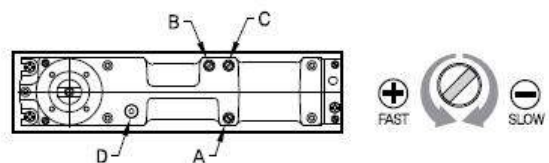
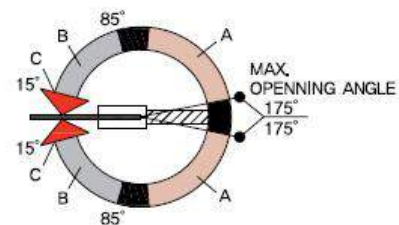
Delayed Action

Turn valve "A" clockwise until desired delay time is obtained (175° - 85°).

Hold Open

Turn valve "A" completely clockwise. Door will hold at any point beyond approx. 85°. Allow for approx. 4° fall away when considering hold open position.

To release door, manually pull door closed a few inches.



COMMERCIAL HARDWARE

Floor Springs

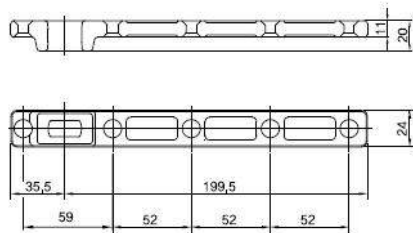
Lockwood - ST8011 Series Cont.



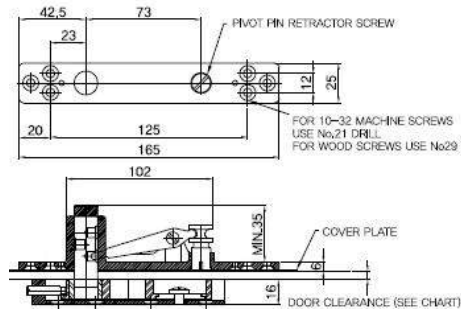
ASSA ABLOY

Spare Parts

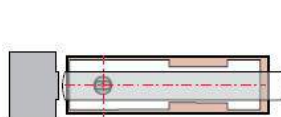
Standard bottom arm
SPST80-393



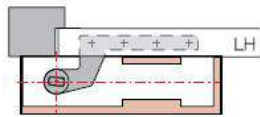
Standard top pivot
SPST80-8



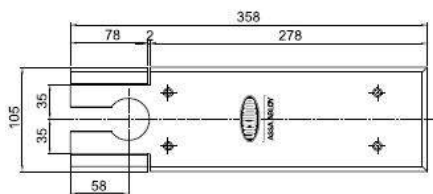
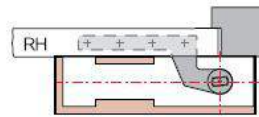
Universal Mounting



Single or Double action door mounting



Single action door mounting with offset



Universal Cover Plate

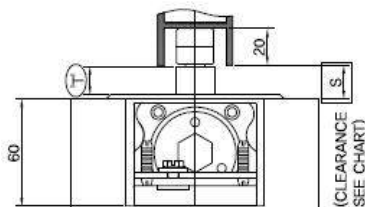
- ST80-171PSS Polished Stainless Steel
 - ST80-171PB Polished Brass
- Order separately to ST8011SSS Floor Spring

Adaptable to right or left hand single action applications by simply snapping off the appropriate pre-blanked corner sections. For double action doors. The corner sections remain in place.



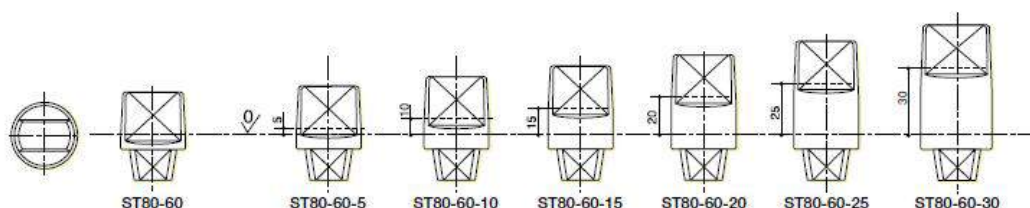
• Sealing compound: ST80-612

Extended Spindle Range



Calculating the necessary length of spindle extension:

- Extension S: Floor clearance (normally 8mm)
- Collar height T of extended spindle inserts:
- Spindle extension length + 3mm (collar height of the standard spindle insert)



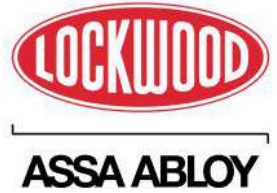
COMMERCIAL HARDWARE

Floor Springs

Lockwood - 8800 Series



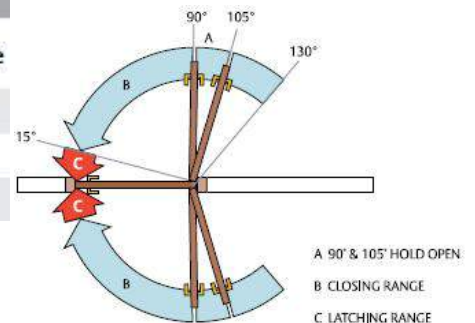
- Available in Size 2,3 & 4
- Hold Open Version Available
- Adj. Top Pivot and Straps Included
- Min. Door Width 32mm
- Max. Door Weight of 120kg



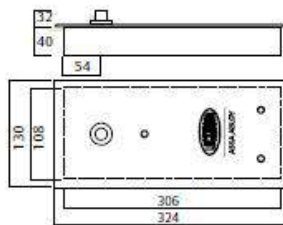
Product Code	Description	Finish	Other Finishes
LW-884#NSSS	Lockwood Standard Floor Spring Size #(Specify 2,3,4) Non Hold Open	SSS	PSS,GLD,PC
LW-884#H90SSS	Lockwood Standard Floor Spring Size #(Specify 2,3,4) Hold Open 90°	SSS	PSS,GLD,PC
LW-884#H105SSS	Lockwood Standard Floor Spring Size #(Specify 2,3,4) Hold Open 105°	SSS	PSS,GLD,PC

Size Selection Chart

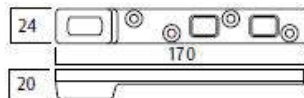
Spring Size	Door width	Max Door Weight	Closing Torque
2	850 mm	120 kg	20 Nm
3	950 mm	120 kg	27 Nm
4	1100 mm	120 kg	39 Nm



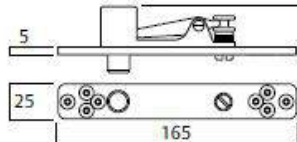
Limiting Dimensions



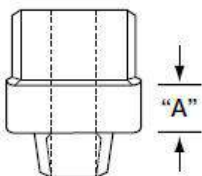
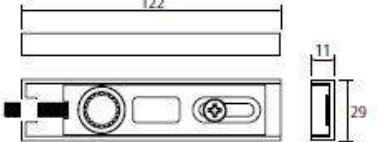
Bottom Strap



Top Pivot



Top Pivot Housing



Extended Spindle Range

	Standard Inset	+5mm	+10mm	+15mm	+20mm	+25mm	+30mm
Part Number	SP884-60	SP884-60-5	SP884-60-10	SP884-60-15	SP884-60-20	SP884-60-25	SP884-60-30
3° Left Hand Offset							
Part Number	SP884-60LH	SP884-60-5LH	SP884-60-10LH	SP884-60-15LH	SP884-60-20LH	SP884-60-25LH	SP884-60-30LH
3° Right Hand Offset							
Part Number	SP884-60RH	SP884-60-5RH	SP884-60-10RH	SP884-60-15RH	SP884-60-20RH	SP884-60-25RH	SP884-60-30RH

COMMERCIAL HARDWARE

Floor Springs

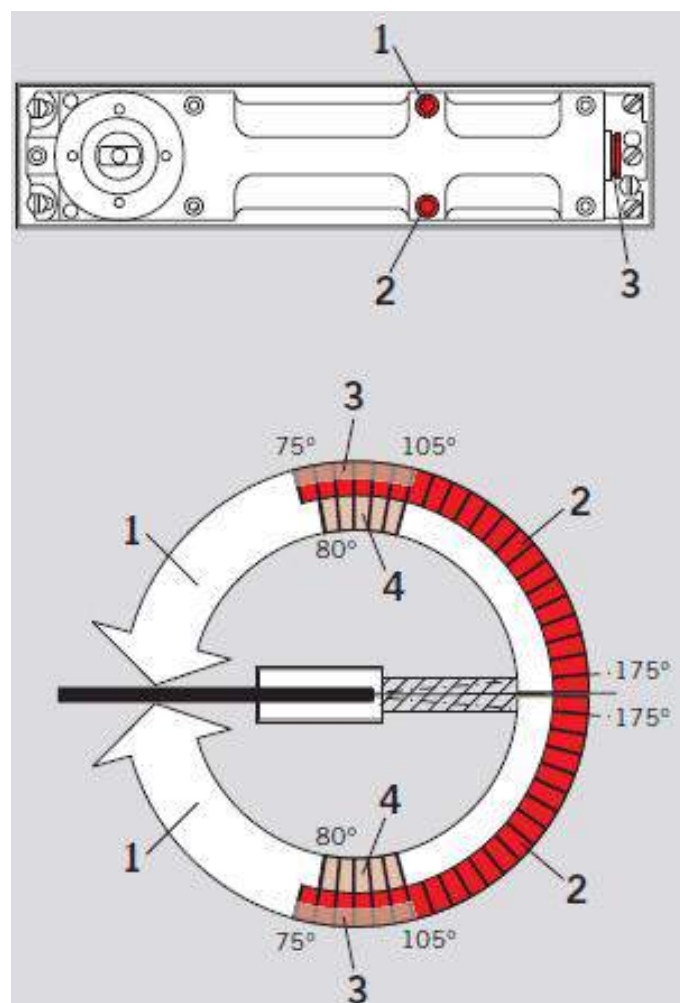
Dorma - BTS80 Series



- Available in Sizes EN 3,4 &6
- Adjustable Hold Open
- Built In Back Check / Delayed Action
- Max. Door Weight of 300kg



Product Code	Description
DO-BTS80 EN#	Dorma BTS 80 Floor Spring EN#(Specify 3,4,6) with Adjustable Hold Open
DO-BTS80-A	Dorma BTS 80 Floor Spring, 7410 Cover Plate SSS, 8062 Top Pivot, 7422 Uni Strap, 2300 Sealing Compound (Nominate EN3, EN4, EN6)



Standard and optional functions of the BTS 80

- 1 Adjustable closing speed
- 2 Hold-open range or delayed action range
- 3 Adjustment range – point at which hold-open begins, or end of delayed action range (approx. 75° to 105°).
- 4 Mechanical backcheck (from approx. 80°)

Hydraulic hold-open

The integrated hold-open function allows the door to be held open at any angle between 75° and 175°. The angle at which the hold-open function begins can be adjusted in the range of 75° to 105°.

Backcheck

The integrated mechanical backcheck function protects the wall and door from damage caused by excessively vigorous opening.

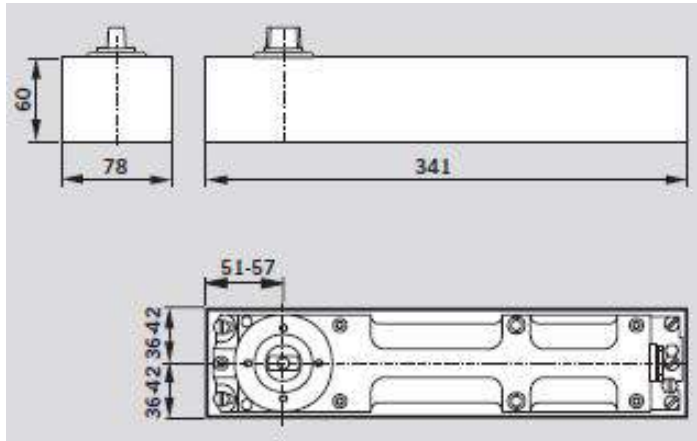
Delayed action

The delayed action function slows the door closing speed, thereby allowing disabled persons, mothers with pushchairs, staff with trolleys or hospital gurneys etc. to pass through the door without problem.

COMMERCIAL HARDWARE

Floor Springs

Dorma - BTS80 Series Cont.

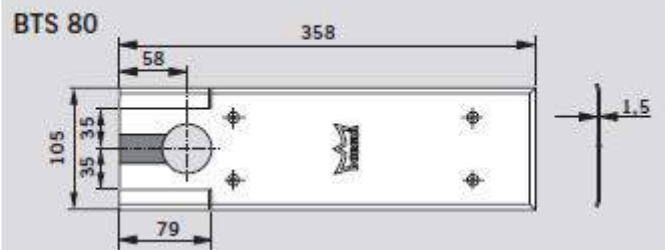


Accessories

Universal cover plate

Adaptable to right or left hand single action applications by simply snapping off the appropriate pre-blanked corner sections. For double action doors, the corner sections remain in place.

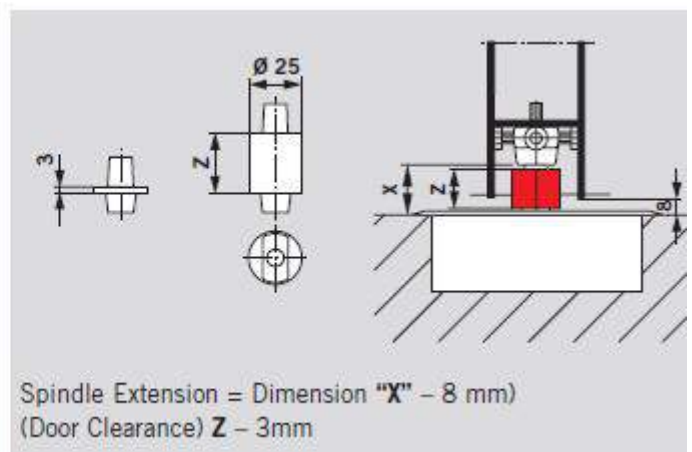
The universal cover plate is available in stainless steel or satin brass (material thickness 1.5 mm).



Spindles

A range of interchangeable spindles is available to provide greater floor clearance if required (e.g. doors with thresholds, carpeted floors etc).

Special spindles available on application: e.g. with flat face profile and 3° offset or square section; spindles for non-DORMA-specific accessories are also available.



DORMA 2300

sealing compound

For filling cavities between the floor spring body and the cement box to protect against moisture penetration.

COMMERCIAL HARDWARE

Floor Springs

Briton - 7500 Series



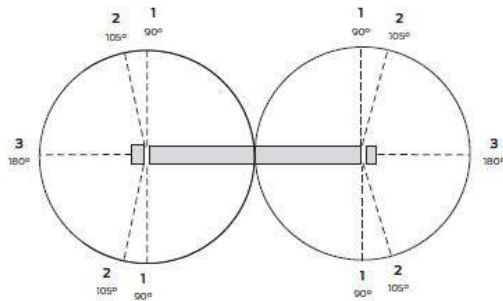
- Size EN 3-6 Adjustable
- Hold Open Version Available
- Built In Back Check / Delayed Action
- Max. Door Weight of 300kg
- 10 year Warranty



Product Code	Description
IR-BNT-7500NHO	Briton HD Floor Spring Non Hold Open Suit Up to 300Kg Door
IR-BNT-7500HO	Briton HD Floor Spring Hold Open 90° Suit Up to 300Kg Door

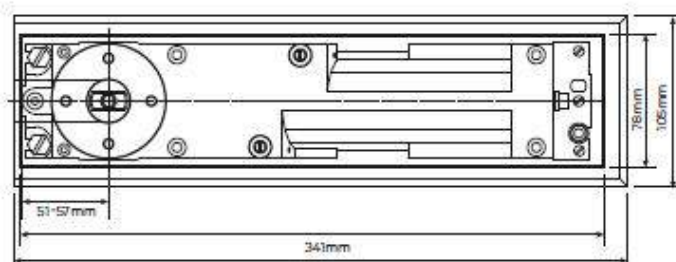
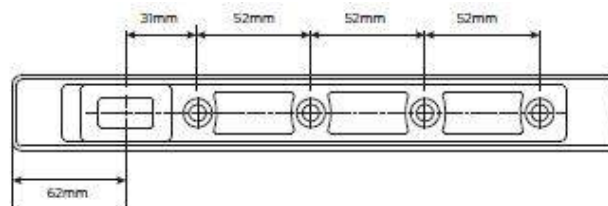
Door opening guide

1	Optional 90° hold open
2	Optional 105° hold open
3	Maximum opening range 180°



Specifications

Door type	Timber, metal or glass
Maximum door width	1400mm
Maximum door weight	300kg
Door thickness	Metal - minimum 37mm Timber - minimum 40mm
Applications	Non hold open Hold open 90°
Adjustment controls	Closing speed 130° - 15° Latching speed 15° - 0°
Strength	3 to 6 site adjustable
Finish	Stainless steel cover
Warranty	10 year mechanical



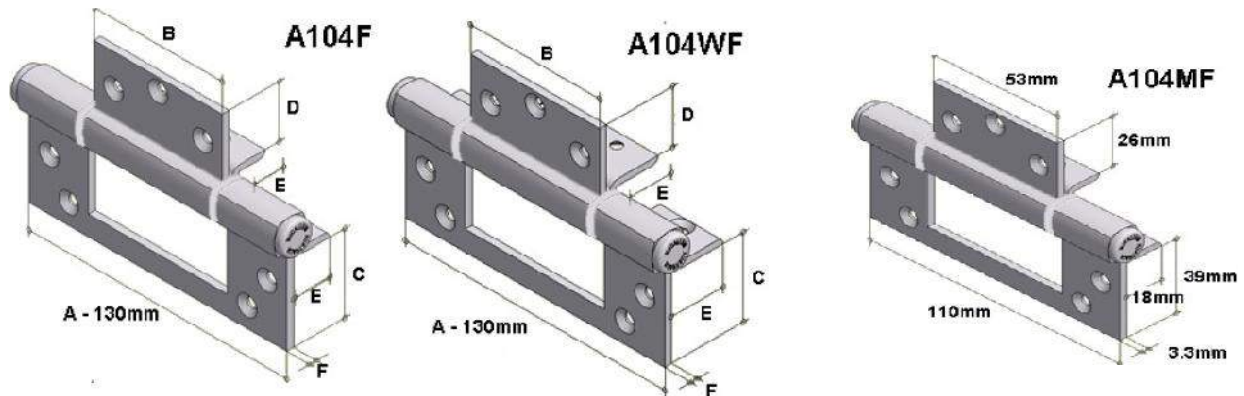
COMMERCIAL HARDWARE

Hinges

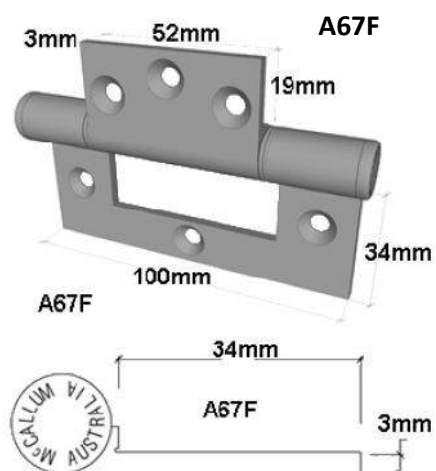
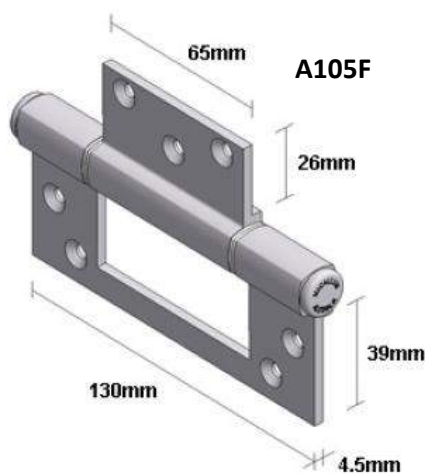
McCallum - Aluminium Hinges



Product Code	Description	Finishes
MC-A104##	McCallum HD A104 Hinge - #(Specify Finish)	CA/BLK/WH
MC-A104WF##	McCallum HD A104 Hinge Wide Fix - #(Specify Finish)	CA/BLK/WH
MC-A104M##	McCallum Mini A104 Hinge - #(Specify Finish)	CA/BLK/WH
MC-A105##	McCallum HD A105 Aluminium Fast Fix Hinge	CA/BLK/WH
MC-A67##	McCallum A67 Hinge - #(Specify Finish)	CA/BLK/WH



A	B	C	D	E	F
130mm	65mm	39mm	26mm	18mm	3.3mm
130mm	65mm	39mm	26mm	26mm	3.3mm

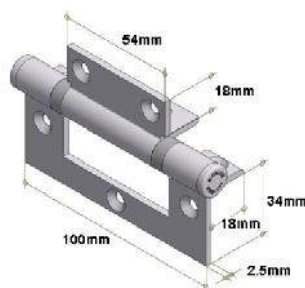


* PPC Colours Available Upon Request

COMMERCIAL HARDWARE

Hinges

McCallum - Stainless Steel Hinges



- 304 Grade Stainless Steel
- 304 SS Ball Bearings & Pin
- Easy Door Installation
- Suitable for Alum. Entrance Doors



Product Code	Description	Finish
MC-S104S	McCallum A104S Hinge - Stainless Steel	SSS
MC-S801	McCallum Hinge Std Fast Fix Type #3 to suit Aluminium Frame - Stainless Steel	SSS

Ryobi - Fast Fix Hinges



- SS Fast Fix Hinge
- Complete with Self Tapping Screws
- Suitable for Aluminium & Timber



Product Code	Description	Finish	Other Finishes
IGS-CDHR3SSS	Hinge Fast Fix S/Steel Type #3 Suit Aluminium Frame	SSS	PSS, BLK
IGS-CDHR9SSS	Hinge Fast Fix S/Steel Type #9 Suit Timber Frame	SSS	N/A

Whitco - Parliament Hinge



- SS Parliament Hinge
- 90mm Offset Hinge
- Suitable for Aluminium, Timber and Shutter Doors



Product Code	Description	Finish
IGS-CDHR3SSS	Hinge Fast Fix S/Steel Type #3 Suit Aluminium Frame	SSS
IGS-CDHR9SSS	Hinge Fast Fix S/Steel Type #9 Suit Timber Frame	SSS

COMMERCIAL HARDWARE

Panic Bolts, Flush Bolts & Locking Bolts

Concealed Fix - 1781 Series



- Stainless Steel
- Standard Sizes 300,450 & 600
- Available in 900, 1000 & 1200



Product Code	Description	Finish	Other Finishes
NH-75-1781-300SSS	Panic Bolt Straight Concealed Fix 300mm - Satin Stainless Steel	SSS	PVD
NH-75-1781-450SSS	Panic Bolt Straight Concealed Fix 450mm - Satin Stainless Steel	SSS	PVD
NH-75-1781-600SSS	Panic Bolt Straight Concealed Fix 600mm - Satin Stainless Steel	SSS	PVD
NH-75-1781/450/OFFSETSSS	Panic Bolt Concealed Fix 450mm Offset - Satin Stainless Steel	SSS	PVD
NH-75-1781/600/OFFSETSSS	Panic Bolt Concealed Fix 450mm Offset - Satin Stainless Steel	SSS	PVD

Visible Fix - 1791 Series



- Stainless Steel
- Standard Sizes 300,450 & 600
- Available in 900, 1000 & 1200

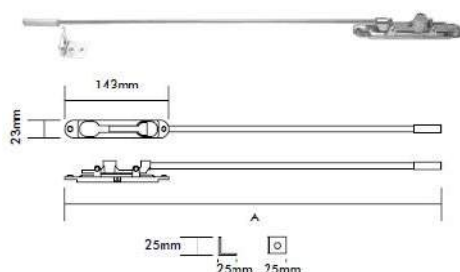


Product Code	Description	Finish	Other Finishes
NH-75-1791-300SSS	Panic Bolt Straight Concealed Fix 300mm - Satin Stainless Steel	SSS	PVD
NH-75-1791-450SSS	Panic Bolt Straight Concealed Fix 450mm - Satin Stainless Steel	SSS	PVD
NH-75-1791-600SSS	Panic Bolt Straight Concealed Fix 600mm - Satin Stainless Steel	SSS	PVD
NH-75-1791/450/OFFSETSSS	Panic Bolt Concealed Fix 450mm Offset - Satin Stainless Steel	SSS	PVD
NH-75-1791/600/OFFSETSSS	Panic Bolt Concealed Fix 450mm Offset - Satin Stainless Steel	SSS	PVD

COMMERCIAL HARDWARE

Panic Bolts, Flush Bolts & Locking Bolts

Flush Bolts

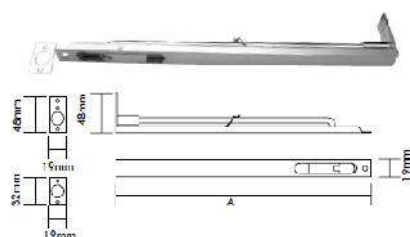


- Aluminium Rods
- Nylon Sleeve with Metal Tip
- Standard Sizes 300, 450 & 600
- Extensions Available



Product Code	Description	Finish	Other Finishes
NH-75-202/300/SC	Flush Bolt Complete with 300mm Rod - Satin Chrome	SC	BLK
NH-75-202/450/SC	Flush Bolt Complete with 300mm Rod - Satin Chrome	SC	BLK
NH-75-202/600/SC	Flush Bolt Complete with 300mm Rod - Satin Chrome	SC	BLK
NH-75-202/300/SCRodOnly	Flush Bolt Rod Only 300mm - Satin Chrome	SC	
NH-75-202/450/SCRodOnly	Flush Bolt Rod Only 450mm - Satin Chrome	SC	
NH-75-202/600/SCRodOnly	Flush Bolt Rod Only 600mm - Satin Chrome	SC	
NH-75-202/900/SCRodOnly	Flush Bolt Extension Rod Only 900mm - Satin Chrome	SC	

Timber Flush Bolt



- Available in Sizes up to 600
- Available in 900, 1000 & 1200



Product Code	Description	Finish	Other Finishes
NH-75-203/150/SC	Flush Bolt Timber 150mm - Satin Chrome	SC	PC
NH-75-203/200/SC	Flush Bolt Timber 200mm - Satin Chrome	SC	PC
NH-75-203/300/SC	Flush Bolt Timber 300mm - Satin Chrome	SC	PC
NH-75-203/450/SC	Flush Bolt Timber 450mm - Satin Chrome	SC	PC
NH-75-203/600/SC	Flush Bolt Timber 600mm - Satin Chrome	SC	PC

ELECTRONIC HARDWARE

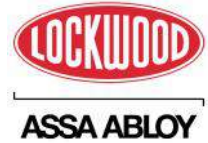
SECTION 2

- **Electric Strikes** Pg. 2.1
- **Electromagnetic Locks** Pg. 2.2
- **Electromagnetic Accessories** Pg. 2.3

ELECTRONIC HARDWARE

Electronic Door Hardware

Lockwood Electric Strikes



LW-ES110

- Site Reversible Fail Safe/Fail Secure
- Holding force of 650kg

Product Code	Description	Std Finish
LW-ES110	Lockwood Electric Strike - 24V Non Monitored	SS



LW-ES200/2000

- Site Reversible Fail Safe/Fail Secure
- Holding force of 850kg

Product Code	Description	Std Finish
LW-ES200	Lockwood Electric Strike - 24V Non Monitored	SS
LW-ES2001	Lockwood Electric Strike - 12V Monitored	SS



LW-ES9000

- Site Reversible Fail Safe/Fail Secure
- Holding force of 1300kg

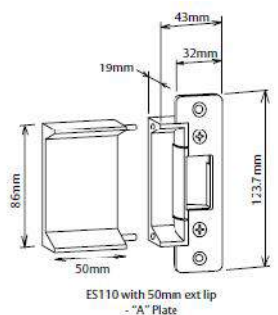
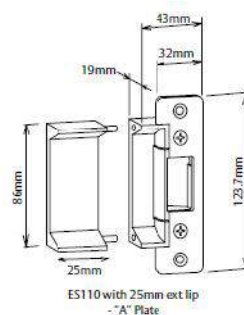
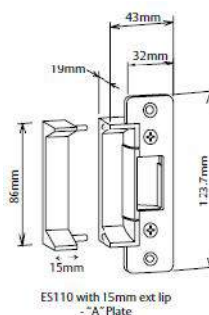
Product Code	Description	Std Finish
LW-ES9100	Lockwood Electric Strike - Monitored	SS
LW-ES2001	Lockwood Electric Strike - 12V Monitored	SS

Full Range of Electric Strikes Available - Ask one of our friendly staff for more information

ES110 & ES9000 Extension Lips

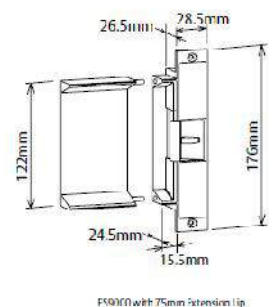
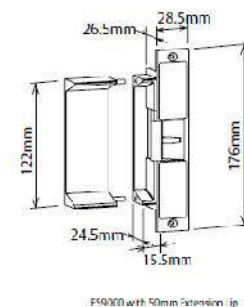
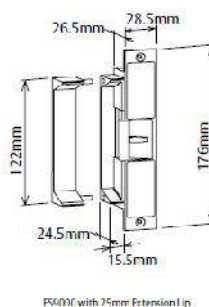
Accessories Ordering Information

Part Number	Product Description
220110-502	15mm Extension Lip (26mm total)
220110-503	25mm Extension Lip (36mm total)
220110-504	50mm Extension Lip (61mm total)
220200-518	Mounting Kit



Accessories Ordering Information

Part Number	Product Description
210100-541	13mm Rebate Plate
220200-505	25mm Extension Lip (40.5mm total)
220200-506	50mm Extension Lip (65.5mm total)
220200-507	75mm Extension Lip (90.5mm total)
220200-519	Mounting Kit



ELECTRONIC HARDWARE

Electronic Door Hardware

Electromagnetic Locks - Single Doors



ASSA ABLOY



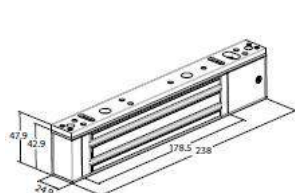
Z4 Series



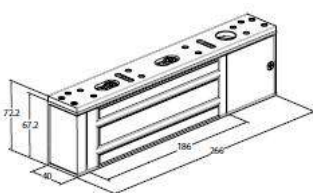
Z8 Series

Ordering Information

Part Number	Product Description
EMZ4-SN	EMZ4 E/Magnet 12/24Vdc Single Non Monitored
EMZ8-SN	EMZ8 E/Magnet 12/24Vdc Single Non Monitored
EMZ4-SM	EMZ4 E/Magnet 12/24Vdc Single Monitored
EMZ8-SM	EMZ8 E/Magnet 12/24Vdc Single Monitored



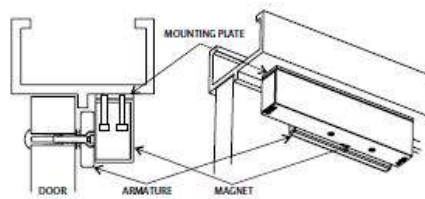
Z4 Electromagnetic Lock



Z8 Electromagnetic Lock

Product Details

	Z4 Magnet	Z8 Magnet
Holding Force	250kg-280kg	550kg-580kg
Dimensions	(L)238 x (H)48 x (D) 27 mm	(L)266 x (H)72 x (D) 40 mm
Voltage	12Vdc/ 24Vdc $\pm 10\%$	12Vdc/ 24Vdc $\pm 10\%$
Current	280mA @ (12Vdc) 140mA @ (24Vdc)	280mA @ (12Vdc) 140mA @ (24Vdc)



Typical Install for Z4 & Z8 out swinging doors.

Electromagnetic Locks - Double Doors



ASSA ABLOY



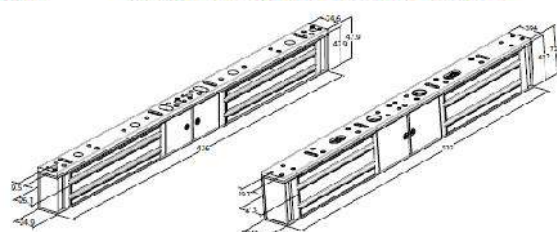
Z4 Series



Z8 Series

Ordering Information

Part Number	Product Description
EMZ4-DN	EMZ4 E/Magnet 12/24Vdc Double Non Monitored
EMZ8-DN	EMZ8 E/Magnet 12/24Vdc Double Non Monitored
EMZ4-DM	EMZ4 E/Magnet 12/24Vdc Double Monitored
EMZ8-DM	EMZ8 E/Mag 12/24Vdc Double Monitored

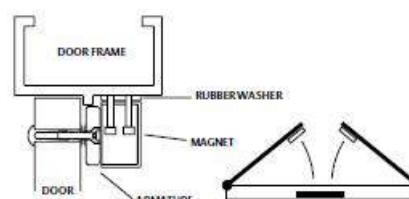


Z4 Electromagnetic Lock

Z8 Electromagnetic Lock

Product Details

	Z4 Magnet	Z8 Magnet
Holding Force	500kg-560kg	1100kg-1160kg
Dimensions	(L)476 x (H)48 x (D) 27 mm	(L)532 x (H)72 x (D) 40 mm
Voltage	12Vdc/ 24Vdc $\pm 10\%$	12Vdc/ 24Vdc $\pm 10\%$
Current	900mA @ (12Vdc) 450mA @ (24Vdc)	1024mA @ (12Vdc) 512mA @ (24Vdc)



Out swinging door using the standard mounting plate.

ELECTRONIC HARDWARE

Electronic Door Hardware

Electromagnetic Lock Accessories



L and Z Brackets



Angle Bracket



Armature Plate



Glass Door "U" Bracket

Ordering Information

Part Number	Product Description
Z4 Brackets	
EMZ4B-SLZ	EMZ4 Bracket Single L & Z
EMZ4B-DLZ	EMZ4 Bracket Double L & Z
EMZ4B-SLZA	EMZ4 Bracket Single L & Z Adjustable
EMZ4B-DLZA	EMZ4 Bracket Double L & Z Adjustable
EMZ4B-GU	EMZ4 Bracket Glass U 12Mm
EMZ4B-GA	EMZ4 Bracket Glass Amrature
EMZ4B-AN	EMZ4 Bracket Amrature Non Monitored
EMZ4B-AM	EMZ4 Bracket Amrature Monitored W/Magnet
EMZ4B-SMP	EMZ4 Bracket Single Mounting Plate
EMZ4B-DMP	EMZ4 Bracket Double Mounting Plate

Ordering Information

Part Number	Product Description
Z8 Brackets	
EMZ8B-SLZ	EMZ8 Bracket Single L & Z
EMZ8B-DLZ	EMZ8 Bracket Double L & Z
EMZ8B-SLZA	EMZ8 Bracket Single L & Z Adjustable
EMZ8B-DLZA	EMZ8 Bracket Double L & Z Adjustable
EMZ8B-GU	EMZ8 Bracket Glass U 12Mm
EMZ8B-GA	EMZ8 Bracket Glass Amrature
EMZ8B-DMP	EMZ8 Bracket Double Mounting Plate
EMZ8B-SMP	EMZ8 Bracket Single Mounting Plate
EMZ8B-AN	EMZ8 Bracket Amrature Non Monitored
EMZ8B-AM	EMZ8 Bracket Amrature Monitored W/Magnet

Full Range of Electric Hardware Available - Ask one of our friendly staff for more information

AUTOMATIC DOOR OPERATORS

SECTION 3

- **Dorma Sliding** **Pg. 3.1**
- **Besam Sliding** **Pg. 3.3**



Distributors of Hardware to the Window, Door & Glazing Industry

AUTOMATIC DOOR HARDWARE

Automatic Doors

Dorma Sliding Door Operators



The Automatic Door Operator

The Automatic single slide/bi-parting door operator is to be a 240-volt fully electric DORMA 301/401/501 SERIES. Fully housed in extruded aluminium (height 265mm x width 152mm). Fully complies with the relevant Australian Standards for Automatic Door operators. A NATA test and verification of compliance certificate to AS5007 section 4.6 is to be supplied prior to tendering.

The equipment will incorporate the following:

A 3 phase 24 volt motor that is unable to be burnt out; a programmable logic control with current sensing and durable solid state switching of the motor; chain drive with average tensile strength of 1950kg and a 12.7mm pitch; self-lubricating gearbox with steel cut gears (not nylon or cast) for increased durability with no intermediate belts or pulleys; an anodised aluminium replaceable tracking system; and a carriage assembly supported by glass fiber reinforced nylon track wheels with fully raced and sealed ball bearings.

The operator must have positive electric braking to close the doors smoothly; fully adjustable speed control with independent settings for open, close and braking; automatic re-closing circuitry to ensure doors re-close if partially opened; intermediate selectable opening widths or climate control facility.

The operator is to incorporate a failsafe device to open doors fully on power failure or on fire signal in accordance with the NCC section D2.19 and relevant Australian Standards; monitoring warning signal to indicate when the battery power is low; automatic reversing if obstructed during closing sequence with fully adjustable sensitivity settings; automatic stop and retry if obstructed during opening sequence at a predetermined programmable time and speed; dual sets of jamb fitting high gain (up to 15m) flush mounted safety beams (PE cells) that are resistant to sunlight.



Actuation

The operator is to be actuated by two DORMA microwave movement sensors as standard equipment; the sensors must be resistant against reflected sun light and have focusable area detection settings to reduce unnecessary actuations.

The operator is to be covered by a two (2) years parts and twelve (12) months labour warranty from date of invoice.

Optional Features

Belt Drive

15mm belt with curvilinear tooth design precisely formed and accurately spaced to ensure smooth engagement with pulley grooves.

Motor Lock

The operator is to have a failsafe electric motor lock, compliant with the NCC section D2.19 and D2.21, which locks the doors via the drive train regardless of the door position. It is to incorporate a rechargeable battery reserve to ensure the doors remain locked for up to 48 hours under mains power failure with an option to extend.

Advanced Security Interface Board

Provides operational data output signals for building security system, i.e. open, closed, locked (refer to page 11)

Mode Pad

The operator is to be fitted with a DORMA one touch operation electronic mode pad with back lit LCD screen.

The mode pad is to have an input jack for the operator programming device and integrated diagnostic feedback function that provides information on door function status and servicing requirements.

AUTOMATIC DOOR HARDWARE

Automatic Doors

Dorma Sliding Door Operators



EL 301 Single/Bi-parting/Telescopic Automatic Door Operator:

The automatic framed/frameless/SCD door operator to suit a single/double/four panel sliding door is to be a 240v fully electric DORMA EL 301 Secure Series. Fully housed in extruded aluminium, the

operator is to include a tamper proof fully enclosed electric lock capable of locking the door leaves in any position. The operator must include a monitored battery back up system with audible

alarm and be able to provide up to 48 hours of lock function during a power failure. The operator is to comply with the Australian Standard AS5007.

EL 301 Breakout - Frameless Glass Door Automatic Door Operator:

The automatic single / bi-parting, door operator is to be a 240v fully electric DORMA EL 301 Frameless Breakout Series, fully housed in extruded aluminium (265 mm H x 152 mm W). The operator must be capable of

operating a total door weight up to 200 kg and in emergency be able to opened fully including the sidelights by applying an outward pressure. It is to include a monitored battery back up system with audible alarm that is able to operate the

door up to 300 cycles during a power failure. The operator is to comply with the Australian Standard AS5007 and the Building Code of Australia.

EL 301 Breakout - Framed Door the Automatic Door Operator:

The automatic single / bi-parting, door operator is to be a 240v fully electric DORMA EL 301 Framed Breakout Series, fully housed in extruded aluminium (265 mm H x 152 mm W). The operator must be capable of

operating a total door weight up to 240kg and in emergency be able to opened fully including the sidelights by applying an outward pressure. It is to include a monitored battery back up system with audible

alarm that is able to operate the door up to 300 cycles during a power failure. The operator is to comply with the Australian Standard AS5007 and the Building Code of Australia.

AL 401 Automatic Door Operator:

The automatic single / bi-parting door operator is to be a 240v fully electric DORMA AL 401 Series, fully housed in extruded aluminium (265mmH x 152mmW) including a stainless steel

track system. The operator must be capable of operating a total door weight up to 400 kg and include a monitored battery back up system with audible alarm that is able to operate the door up

to 300 cycles during a power failure. The operator is to comply with the Australian Standard AS5007 and the Building Code of Australia.

AL 501 Automatic Door Operator:

The automatic single / bi-parting door operator is to be a 240v fully electric DORMA AL 501 Series, fully housed in extruded aluminium (265mmH x 152mmW) including a solid aluminium

track system. The operator must be capable of operating a total door weight up to 500 kg and include a monitored battery back up system with audible alarm that is able to operate the door up

to 100 cycles during a power failure. The operator is to comply with the Australian Standard AS5007 and the Building Code of Australia.

AL 1001 Automatic Door Operator:

The automatic single / bi-parting door operator is to be a 240v fully electric DORMA AL 1001 Series, fully housed in extruded aluminium (420mm H x 152mm W) including a solid steel track

system. The operator must be capable of operating a total door weight up to 1000 kg and include a monitored battery back up system with audible alarm that is able to operate the door up to 100 cycles

during a power failure. The operator is to comply with the Australian Standard AS5007 and the Building Code of Australia.

AUTOMATIC DOOR HARDWARE

Automatic Doors

Besam Sliding Door Operators



ASSA ABLOY

Besam Sliding Door Operator Besam UniSlide



The Besam UniSlide sliding door operator can be applied to a variety of applications and handles heavy traffic situations with ease

High performance

Many of the most valuable features and innovations that characterize Besam's strive for optimal function and performance are combined in the sliding door operator Besam UniSlide. The Besam UniSlide can be integrated as part of Besam Automatic Door Systems but it can also be adapted to a wide range of different door and customer requirements.

Easy installation

With all units completely assembled in the support beam it is just as easy to install as a replacement as for new installations. Although it is very small and slim in appearance, it is entirely suitable for the heaviest duty applications.

Technical specifications

Power supply	120 V AC -10% to 240 V AC +10%; 50/60 Hz
Power consumption	max. 250 W
Recommended max. door weight	Besam UniSlide-2: 100 kg/door leaf Besam UniSlide-1: 200 kg
Clear opening	Besam UniSlide-2: 900 – 2800 mm Besam UniSlide-1: 900 – 2800 mm
Opening and closing speed	variable up to 1.4 m/s (2 leaves)
Hold open time	0 – 60 s
Ambient temperature	-20°C to +50°C
Relative humidity (non-condensing)	5% to 85%

No compromise on safety

To permit safe passage between closing doors, the doors immediately reverse if an obstruction is detected, then resume their interrupted movement at low speed to check whether the obstruction has disappeared or not. If an obstruction is detected between opening doors and surrounding walls or interior fittings, the door immediately stops and then closes after a time delay.

The safety can be further improved by using a Besam presence detection system. People or objects in the doorway are detected and the door is then prevented from closing until it is safe to do so.

Self-monitoring

The microprocessor has an integral self-monitoring device which detects any interference or faulty signals in door operation and takes necessary measures to ensure a safe operation.

AUTOMATIC DOOR HARDWARE

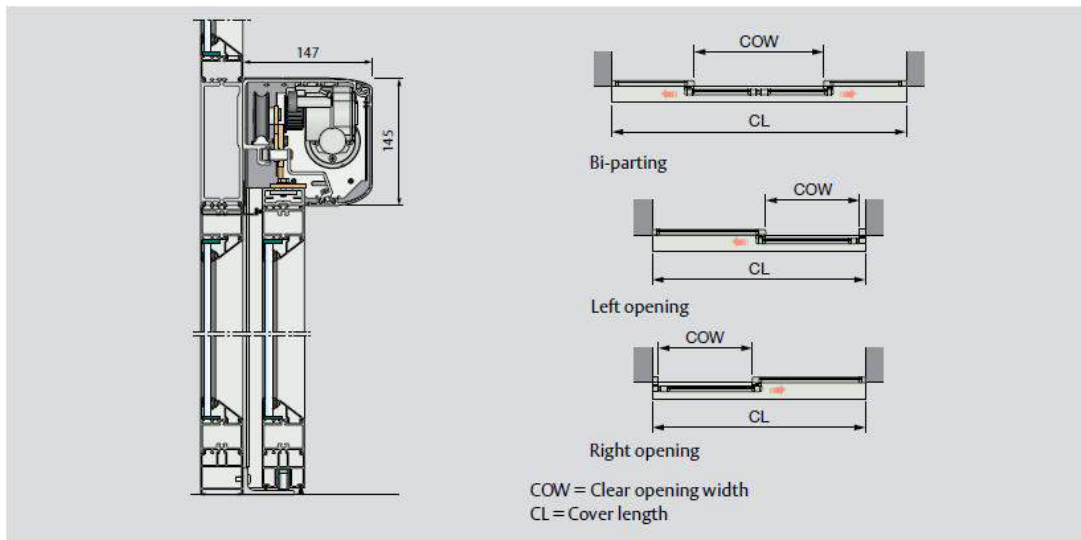
Automatic Doors

Besam Sliding Door Operators



ASSA ABLOY

Besam Sliding Door Operator Besam UniSlide



Design

The drive unit, control unit, transmission – or optional emergency unit and electromechanical locking device – are all assembled in the support beam. The drive unit transmits movement to the door leaves by means of a tooth belt. The door leaves with integrated or separately mounted door adaptors can be adjusted height-, length- and depth-wise. Journalled steel rollers and sliding track made of high-grade plastic give exceptionally smooth and silent operation.

Emergency

Besam UniSlide can either be combined with a mechanical emergency unit that automatically opens the doors – or an electronic emergency unit that automatically opens or closes the doors – in the event of a power failure. The Besam UniSlide can also be interfaced with fire alarms or smoke detectors.

Models

Besam UniSlide-2: 2 leaves, bi-parting
Besam UniSlide-1: 1 leaf, single-slide, right or left opening

Standard equipment

Support beam with transmission
Electronic control unit with plug-in connections and power supply
Traffic-controlled opening width
Synchronizing of two operators

Accessories and Options

Cover:
- clear anodized aluminium (other anodizing optional)
- Paint finished in colour RAL 9010
(paint finishes according to RAL chart optional)
Door adaptor for doors up to 65 mm thickness made by others
Programme selectors
Electronic emergency opening or closing unit
Mechanical emergency opening unit
Break-out unit
Emergency button
Approach and presence sensor
Presence detection photocells
Electromechanical locking devices
Interlocking between two operators
Key switch
Besam Automatic Door systems

This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!

FRAMELESS HARDWARE

SECTION 4

- Patch Fitting Pg. 4.1
- Door Rails Pg. 4.2
- Frameless Door Accessories Pg. 4.3
- Frameless Shower Hardware Pg. 4.4
- Balustrade Hardware Pg. 4.6



Distributors of Hardware to the Window, Door & Glazing Industry

FRAMELESS HARDWARE

Shopfront Hardware

Patch Fittings



Product Code	Description	Finishes
IGS-FTP2	Patch Fitting Top With Pivot Insert	SSS/PSS
IGS-FTP22	Patch Fitting Top With COC Insert	SSS/PSS



Product Code	Description	Finishes
IGS-FBP1	Patch Fitting Bottom With Floorspring Insert	SSS/PSS



Product Code	Description	Finishes
IGS-FFPL250	Patch Lock Slimline Bottom or Centre Mount (Specify Cylinder/Turn or Double Cylinder)	SSS/PSS
IGS-FPLKEEP	Keeper Patch Lock Suit IGS-FFPL250 Patch Lock	SSS/PSS

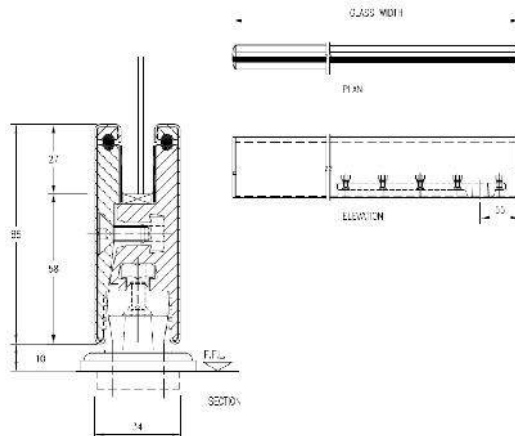


Product Code	Description	Finishes
IGS-FPL50	Corner Patch Lock (Specify Cylinder/Turn or Double Cylinder)	SSS/PSS
DO-CDS353.SCP	Floor Mount Lock Trough to Suit IGS-FPL50 Patch Lock	SSS/PSS

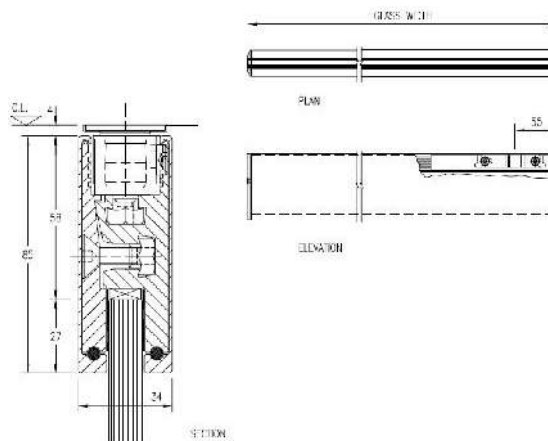
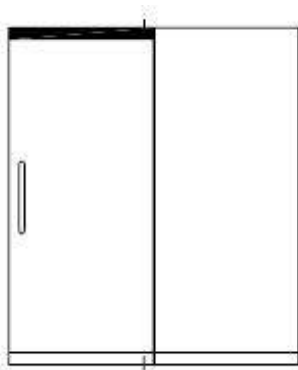
FRAMELESS HARDWARE

Shopfront Hardware

Door Rails



Product Code	Description	Finishes
DO-CDS41	Dorma Door Bottom Rail Non Locking 1000mm (Suits 10mm/12mm/15mm Glass) - (Specify Rail Length)	SSS/SAA/PSS
DO-CDS42	Dorma Door Bottom Rail Locking 1000mm (Suits 10mm/12mm/15mm Glass) - (Specify Cylinder/Turn or Double Cylinder) (Specify Rail Length)	SSS/SAA/PSS



Product Code	Description	Finishes
DO-CDS43	Dorma Door Top with Pivot Insert Rail Non Locking 1000mm (Suits 10mm/12mm/15mm Glass) - (Specify Rail Length)	SSS/SAA/PSS
DO-CDS43RTS	Dorma Door Top with COC Insert Rail Non Locking 1000mm (Suits 10mm/12mm/15mm Glass) - (Specify Rail Length)	SSS/SAA/PSS
DO-CDS44	Dorma Door Top with Pivot Insert Rail Locking 1000mm (Suits 10mm/12mm/15mm Glass) - (Specify Cylinder/Turn or Double Cylinder) (Specify Rail Length)	SSS/SAA/PSS
DO-CDS44	Dorma Door Top with COC Insert Rail Locking 1000mm (Suits 10mm/12mm/15mm Glass) - (Specify Cylinder/Turn or Double Cylinder) (Specify Rail Length)	SSS/SAA/PSS

FRAMELESS HARDWARE

Shopfront Hardware

Frameless Door Accessories



Product Code	Description
IGS-PKT900	Pivot Kit Complete With Free Floor Pivot Bottom Strap & Adjustable Top Pivot



Product Code	Description
MF-MP24	Top Pivot Fixed with Mounting Plate

* Full Range of Frameless Entry Door Hardware and Accessories Available. If what you require is not listed ask our friendly staff for more information.

FRAMELESS HARDWARE

Frameless Shower Hardware

Shower Hinges



Product Code	Description	Finishes
IGS-ES1 #	ES1 Glass to Wall 'T' Shower Screen Hinge - # (Specify Finish)	PC/SC



Product Code	Description	Finishes
IGS-ES1L 3 #	Shower Hinge Side Fix Square Edge 3 Hole Backplate - # {Specify Finish}	PC/SC



Product Code	Description	Finishes
IGS-ES2 C	ES2 Glass to Glass Shower Screen Hinge- # {Specify Finish}	PC/SC

Shower Brackets



Product Code	Description	Finishes
IGS-SB50 SQ #	Square Glass to Wall 90 deg. Shower Screen Bracket - Req. Hole Glass- # {Specify Finish}	PC/SC
IGS-SB50 #	Round Glass to Wall 90 deg. Shower Screen Bracket - Req. Hole Glass- # {Specify Finish}	PC/SC

FRAMELESS HARDWARE

Frameless Shower Hardware

Shower Brackets Cont.



Product Code	Description	Finishes
IGS-SBD50SQ #	Square Glass to Glass 90 deg. Shower Screen Bracket - Req. Hole Glass- # {Specify Finish}	PC/SC
IGS-SBD50 #	Round Glass to Glass 90 deg. Shower Screen Bracket - Req.	PC/SC



Product Code	Description	Finishes
IGS-SB10 #	Shelf Bracket Round Suit 10mm Glass - # {Specify Finish}	PC/SC
IGS-SB10 SQ #	Shelf Bracket Square Suit 10mm Glass - # {Specify Finish}	PC/SC
IGS-SB12 #	Shelf Bracket Round Suit 12mm Glass - # {Specify Finish}	PC/SC
IGS-SB12 SQ #	Shelf Bracket Square Suit 12mm Glass - # {Specify Finish}	PC/SC

Shower Knobs



IGS-MSK40



IGS-SK25



IGS-SK30



IGS-SK35



IGS-SK40



IGS-SK40 SQ.



IGS-SK45



IGS-SK50



IGS-SK60



IGS-SK70



IGS-SK80

Product Code	Description	Finishes
IGS-####	Shower Knob Double - # {Specify Type} - # {Specify Finish}	PC/SC

FRAMELESS HARDWARE

Balustrade Hardware

Balustrade Brackets



Product Code	Description	Finishes
MF-MBC62 ###	Balustrade Clamp D to suit 12mm Glass - Square Post - # {Specify Finish}	SSS/PSS
MF-MBC66 ###	Balustrade Clamp D to suit 12mm Glass - Round Post - # {Specify Finish}	SSS/PSS



Product Code	Description	Finishes
MF-MBC55 ###	Balustrade Clamp Square to suit 12mm Glass - Square Post - # {Specify Finish}	SSS/PSS
MF-MBC60 ###	Balustrade Clamp Square to suit 12mm Glass - Round Post - # {Specify Finish}	SSS/PSS

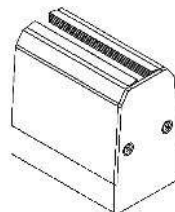


Glass Anchors



Full Range of Glass Anchors / Stand-offs Available - Ask one of our friendly staff for more information

Balustrade Channel



Full Range of Balustrade Channel Available - Ask one of our friendly staff for more information

FRAMELESS HARDWARE

Balustrade Hardware

Mini Posts / Spigots



Full Range of Mini Posts / Spigots Available - Ask one of our friendly staff for more information

RESIDENTIAL HARDWARE

SECTION 5

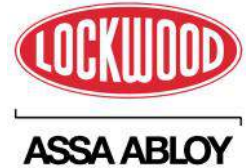
- Sliding Door Locks Pg. 5.1
- Sliding Door, Window & Screen Rollers Pg. 5.7
- Euro Mortice Locks Pg. 5.10
- Hinged Door Furniture Pg. 5.13
- Euro Cylinders & Accessories Pg. 5.15
- Window Winders Pg. 5.17
- Electric Window Operators Pg. 5.19
- Truth Hardware Pg. 5.20
- Window Stays Pg. 5.21
- Sash Locks Pg. 5.27
- Sash Balances Pg. 5.31



RESIDENTIAL HARDWARE

Sliding Door Locks

Lockwood - Onyx Sliding Door Locks



- Twin Beak Security
- Longer Screw Option
- Range of Finishes
- Suit Door 19-50mm Thick
- Deadlocking Indicator

Product Code	Description	Finishes
LW- 9A#####	Lockwood Onyx SDL (# Specify Inner Handle/Function), (# Specify Outer Handle/Function), (# Specify Strike), (# Specify Cylinder), (# Specify Colour)	BLK/SIL,WH,PPC

Lockwood - Onyx Ordering Key



Ordering Information

Sample part number 9A1B2/5PBLK is made up of several sections. Choose your product by selecting an option from each section.

For example:

Platform / Suite	Internal Furniture	External Furniture	Strike	Cylinder	Finish
9A	1	B	2	5P	BLK

Platform / Suite	External Furniture	Strike
Lockwood Patio Door, Style A	No External Furniture * X	No Strike 0
9A	Slim Pull Locking A	Surface (Front) Fix 1
	Slim Pull Non Locking B	Universal Fix 2
	Flat Outer Pull Locking C	Extra Width Surface Fix 3
	Flat Outer Pull Non Locking D	Side (Face) Fix 4
	Mortice Pull Locking E	Surface 15mm Fix 5
	Mortice Pull Non Locking F	
	Cover Plate G	
	D Handle Locking H	
	D Handle Non Locking	

Internal Furniture	Cylinder	Finish
No Internal Furniture * 0	5 pin Cylinder/s 5P	Black BLK
D Handle Locking 1	6 pin Cylinder/s 6P	Silver SIL
D Handle Non Locking 2	No Cylinders NC	White WH
D Handle Dummy 3	- order cylinder separately	Satin Chrome Pearl SP
Slim Pull Locking 4	Non Keyed Lockset XXC	Polyester Powder Coat* PPC
Slim Pull Non Locking 5		
D Handle Dummy 6		
Slim Handle Dummy 7		
DAS Handle Locking (D with aided snib) 8		
DAS Handle Non Locking (D with aided snib) 9		

Furniture comes complete with lock or dummy chassis and fixing screw pack to suit 19 - 50mm thick doors.

* No internal furniture option will also come less lock chassis.

* Exterior furniture plate is required to fix internal furniture to door with through screws.

* Specify colour (Dulux number), additional lead time and costs apply.

^ Part number convention is for reference only, not all possible combinations will be available as a pre packed lockset. Some configurations will need to be made up of sub-assemblies, i.e. Two or more line items may be required to make up desired configuration.

RESIDENTIAL HARDWARE

Sliding Door Locks

Whitco - Blaxland Sliding Door Locks

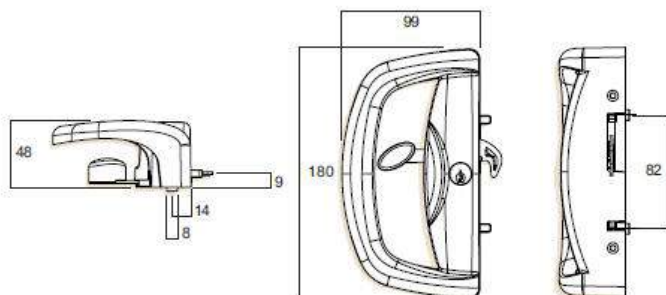


- Adjustable stainless steel locking beak
- Available in a Number of Combinations
- Range of Colours Available



Finishes	
White	16
Black	17
Primrose	19

Product Code	Description	Finishes
W5002##	Whitco Blaxland SDL, Double Cylinder, O/Set Outer & Uni-Strike ##(Specify Finish)	WH/BLK/PR
W5020##	Whitco Blaxland SDL, External Cylinder, O/Set Outer & Uni-Strike ##(Specify Finish)	WH/BLK/PR
W5016##	Whitco Blaxland SDL, Internal Cylinder, O/Set Outer, No Strike ##(Specify Finish)	WH/BLK/PR
W5021##	Whitco Blaxland SDL, Snib Only, O/Set Outer, No Strike ##(Specify Finish)	WH/BLK/PR
W5024##	Whitco Blaxland Dummy, O/Set Outer, 17.5mm Strike ##(Specify Finish)	WH/BLK/PR
W5023##	Whitco Blaxland Dummy, O/Set Outer, 14mm Strike ##(Specify Finish)	WH/BLK/PR



Accessories	
Strikes	
Reversible Universal Face Fix Strike	W5665**
Outer Pulls	
Standard diecast with cylinder hole	W5480**
Standard diecast no cylinder hole	W5481**
Packers	
Handle packer, 5MM	W5050**
Strike packer, plastic 5MM	W564117
Strike packer, diecast 9.5MM	W564617

Whitco - Oxley Sliding Door Lock



- Adjustable stainless steel locking beak
- 10 Disc Cylinder
- Black Polymer Handle



Product Code	Description	Finish
W554DD/P7BLK	Whitco Oxley SDL Double Cyl. with Uni-Strike	BLK
W554DB/P2BLK	Whitco Oxley SDL Internal Locking with Uni-Strike	BLK
W554BD/P7BLK	Whitco Oxley SDL External Locking with Uni-Strike	BLK
W554BB/P0BLK	Whitco Oxley SDL Snib Only No Strike	BLK
W564BB/P6BLK	Whitco Oxley Dummy, with 14mm Strike	BLK

RESIDENTIAL HARDWARE

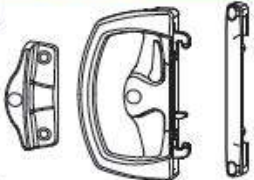
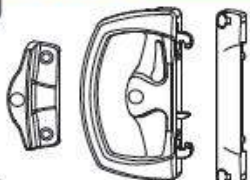
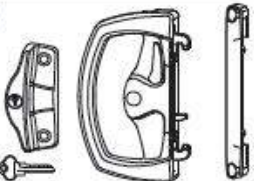
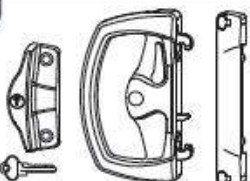
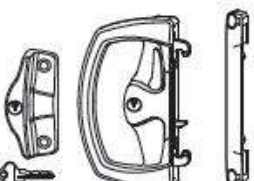
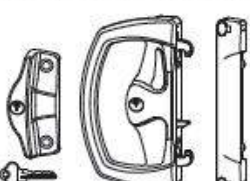
Sliding Door Locks

Austral - Yarra Ridge Sliding Door Locks



- Twin Locking Beaks
- Increased Knuckle Clearance
- Self-Adjusting Strike
- Australian Designed & Manufactured



LOCKS WITH 16mm CATCH		LOCKS WITH 25mm CATCH		
NO CYLINDERS	YR-AA-AAA-AAA-colour - Standard Outer Pull - Standard "D" Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)	 16mm	YR-AA-AAA-BAA-colour - Standard Outer Pull - Standard "D" Inner Pull - Without cylinders - Wide 25mm catch (order cylinders separately)	 25mm
	YR-AA-BBB-AAA-colour - Standard Outer Pull - Standard "D" Inner Pull - C4 cylinder in outer pull - Narrow 16mm catch	 16mm	YR-AA-BBB-BAA-colour - Standard Outer Pull - Standard "D" Inner Pull - C4 cylinder in outer pull - Wide 25mm catch	 25mm
	YR-AA-DBB-AAA-colour (5 locks keyed alike) YR-AA-DGB-AAA-colour (10 locks keyed alike) - Standard Outer Pull - Standard "D" Inner Pull - C4 cylinders in both pulls - Narrow 16mm catch (5 locks keyed alike)	 16mm	YR-AA-DBB-BAA-colour (5 locks keyed alike) YR-AA-DGB-BAA-colour (10 locks keyed alike) - Standard Outer Pull - Standard "D" Inner Pull - C4 cylinders in both pulls - Wide 25mm catch (5 locks keyed alike)	 25mm
	YR-OA-AAA-AAA-colour - No Outer Pull (order separately) - Standard "D" Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)	 16mm	YR-OA-AAA-BAA-colour - No Outer Pull (order separately) - Standard "D" Inner Pull - Without cylinders - Wide 25mm catch (order cylinders separately)	 25mm
NO OUTER PULL	YR-OC-AAA-AAA-colour - No Outer Pull (order separately) - Egress "D" Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)	 EGRESS 16mm	YR-OC-AAA-BAA-colour - No Outer Pull (order separately) - Egress "D" Inner Pull - Without cylinders - Wide 25mm catch (order cylinders separately)	 EGRESS 25mm

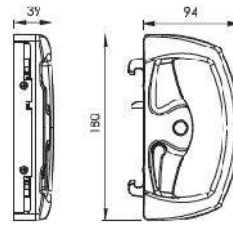
RESIDENTIAL HARDWARE

Sliding Door Locks

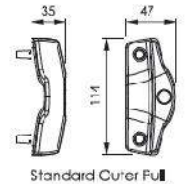
Austral - Yarra Ridge Sliding Door Locks



Standard Outer Pull Options



Standard "D" Inner Pull



Standard Outer Pull

6-PIN	YR-NN-AAA-AAA-colour	- 6-pin Outer Pull - 6-pin "D" Inner Pull - Without cylinders - Narrow 16mm catch	
	YR-NN-AAA-BAA-colour	- 6-pin Outer Pull - 6-pin "D" Inner Pull - Without cylinders - Wide 25mm catch	

(6-pin cylinders ordered separately) 6 PIN 16mm

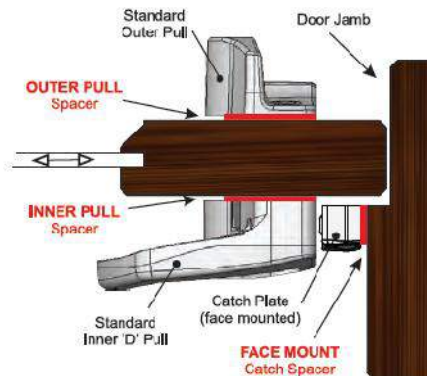
(6-pin cylinders ordered separately) 6 PIN 25mm

DUMMY	YR-BD-AAA-EAA-colour	- Dummy Outer Pull - Dummy "D" Inner Pull - No catch plate (attach catch plate ordered with pull for non-dummy side of double doors)	
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Standard packing is 5 locks per box.
 Carton size: 290mm x 220mm x 130mm
 Carton weight approx: 7kg

PULL SPACERS	YR-8K	2mm OUTER PULL spacer	
	YR-8L	2mm INNER PULL spacer	
	YR-8N	4mm INNER PULL spacer	
	YR-8J	6mm INNER PULL spacer	
	YR-8E	6mm INNER PULL spacer (x 2)	

Spacers



CATCH SPACERS	YR-8O	2mm FACE MOUNT catch spacer	
	YR-8C	3mm FACE MOUNT catch spacer	

KITS	YR-8B	6mm INNER PULL spacer and 2mm OUTER PULL spacer	
	YR-8M	4mm INNER PULL spacer and 2mm FACE MOUNT catch spacer	

RESIDENTIAL HARDWARE

Sliding Door Locks

Austral - Yarra View Sliding Door Locks

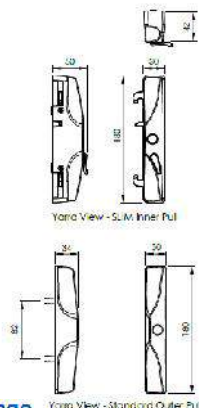


Austral Lock

- Twin Locking Beaks
- Increased Knuckle Clearance
- Self-Adjusting Strike
- Australian Designed & Manufactured



SLIM - Standard Product Range
(Slim Inner Pull)



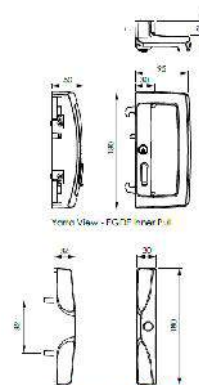
Yarra View - SLIM Inner Pull



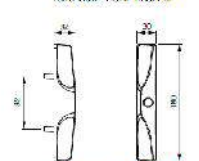
Yarra View - Standard Outer Pull



EDGE - Standard Product Range
(Edge 'D' Inner Pull)



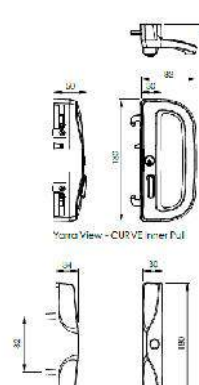
Yarra View - EDGE Inner Pull



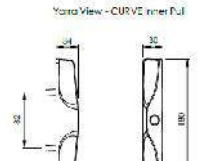
Yarra View - Standard Outer Pull



CURVE - Standard Product Range
(Curve 'D' Inner Pull)



Yarra View - CURVE Inner Pull



Yarra View - Standard Outer Pull

LOCKS WITH 16mm CATCH		LOCKS WITH 25mm CATCH	
NARROW INNER PULL	YV-ST-AAA-SAA-colour - Standard Outer Pull - <i>Slim Inner Pull</i> - Without cylinders - Narrow 16mm catch (order cylinders separately)		
	YV-OT-AAA-SAA-colour - <i>No Outer Pull</i> (order separately) - Slim Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)		
DUMMY	YV-OZ-AAA-EAA-colour - No Outer Pull - <i>Dummy Slim Inner Pull</i> - No catch plate (attach catch plate ordered with pull for non-dummy side of double doors) DUMMY		
			YC-C4B/ KA or KD - Standard 5-pin C4 cylinder - Other available cylinders are listed in the following pages (ordered separately) STANDARD CYLINDER
LOCKS WITH 16mm CATCH		LOCKS WITH 25mm CATCH	
'D' INNER PULL	YV-SS-AAA-SAA-colour - Standard Outer Pull - Edge "D" Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)		
	YV-OS-AAA-SAA-colour - <i>No Outer Pull</i> (order separately) - Edge "D" Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)		
DUMMY	YV-OY-AAA-EAA-colour - No Outer Pull - <i>Dummy Edge "D" Inner Pull</i> - No catch plate (attach catch plate ordered with pull for non-dummy side of double doors) DUMMY		
			YC-C4B/ KA or KD - Standard 5-pin C4 cylinder - Other available cylinders are listed in the following pages (ordered separately) STANDARD CYLINDER
LOCKS WITH 16mm CATCH		LOCKS WITH 25mm CATCH	
'D' INNER PULL	YV-SR-AAA-SAA-colour - Standard Outer Pull - Curve 'D' Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)		
	YV-OR-AAA-SAA-colour - <i>No Outer Pull</i> (order separately) - Curve 'D' Inner Pull - Without cylinders - Narrow 16mm catch (order cylinders separately)		
DUMMY	YV-OX-AAA-EAA-colour - No Outer Pull - <i>Dummy Curve 'D' Inner Pull</i> - No catch plate (attach catch plate ordered with pull for non-dummy side of double doors) DUMMY		
			YC-C4B/ KA or KD - Standard 5-pin C4 cylinder - Other available cylinders are listed in the following pages (ordered separately) STANDARD CYLINDER

RESIDENTIAL HARDWARE

Sliding Door Locks

Austral - Yarra View Sliding Door Locks



Austral Lock

Standard Outer Pull Options

YV-1S Yarra View Standard Long Outer Pull Angled outer pull for 6-pin cylinders.	YV-1T Yarra View Short Outer Pull Angled outer pull for 6-pin cylinders.	YR-1D Flat 15mm Outer Pull suitable for aluminium doors where space between sliding door and sliding screen door is limited.	YR-1Q Yarra Outer Plate suitable for aluminium doors where no outer pull is needed. 4mm thick.
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Multipoint

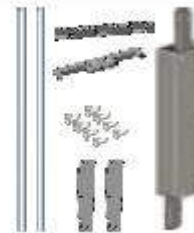
- Vent Lock Multipoint Kit** (for aluminium framed doors)
- Provides additional top and bottom locking.
 - The door can be locked in two positions; fully closed and with an opening to allow ventilation.
 - Bolts are actuated by turning the key.

YR-VL

Vent Lock kit includes:

- 1 x Drive box
- 2 x Drive rods
- 2 x Metal bolts
- 2 x Bolt guides
- 2 x Strike plates

Fitting bag with fasteners



Accessories

YV-FP Yarra View 'Fat Pack' to fit doors 47mm-59mm thick Pack contains: 2 x G8-32x2" CSK screws 2 x G8-32x2-1/4" CSK screws 1 x long Yarra View spindle	YR-6C Channel mount catch plate. 	YR-1C Mortice outer pull for timber doors (see Timber Door section).
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Spacers

PULL SPACERS <table border="1"> <tr> <td>YV-8Q</td> <td>6mm INNER PULL spacer</td> </tr> <tr> <td>YV-8R</td> <td>4mm INNER PULL spacer</td> </tr> <tr> <td>YV-8S</td> <td>2mm INNER PULL spacer</td> </tr> </table>	YV-8Q	6mm INNER PULL spacer	YV-8R	4mm INNER PULL spacer	YV-8S	2mm INNER PULL spacer	KITS <table border="1"> <tr> <td>YV-8T</td> <td>2mm INNER PULL spacer and 4mm JAMB MOUNT catch spacer</td> </tr> <tr> <td>YV-8V</td> <td>6mm INNER PULL spacer and 6mm JAMB MOUNT wide catch spacer</td> </tr> <tr> <td>YV-8U</td> <td>4mm INNER PULL spacer and 2mm FACE MOUNT catch spacer</td> </tr> <tr> <td>YV-8W</td> <td>6mm INNER PULL 3mm FACE MOUNT 2mm JAMB MOUNT catch spacers</td> </tr> </table>	YV-8T	2mm INNER PULL spacer and 4mm JAMB MOUNT catch spacer	YV-8V	6mm INNER PULL spacer and 6mm JAMB MOUNT wide catch spacer	YV-8U	4mm INNER PULL spacer and 2mm FACE MOUNT catch spacer	YV-8W	6mm INNER PULL 3mm FACE MOUNT 2mm JAMB MOUNT catch spacers	CATCH SPACERS <table border="1"> <tr> <td>YR-8D</td> <td>2mm JAMB MOUNT catch spacer Suitable for: WINTEC DOOR</td> </tr> <tr> <td>YR-8F</td> <td>2mm JAMB MOUNT catch spacer Suitable for: CRANE OXO DOOR</td> </tr> <tr> <td>YR-8P</td> <td>4mm JAMB MOUNT catch spacer</td> </tr> <tr> <td>YR-8O</td> <td>2mm FACE MOUNT catch spacer</td> </tr> <tr> <td>YR-8C</td> <td>3mm FACE MOUNT catch spacer Suitable for: A&L DOOR and others</td> </tr> </table>	YR-8D	2mm JAMB MOUNT catch spacer Suitable for: WINTEC DOOR	YR-8F	2mm JAMB MOUNT catch spacer Suitable for: CRANE OXO DOOR	YR-8P	4mm JAMB MOUNT catch spacer	YR-8O	2mm FACE MOUNT catch spacer	YR-8C	3mm FACE MOUNT catch spacer Suitable for: A&L DOOR and others
YV-8Q	6mm INNER PULL spacer																									
YV-8R	4mm INNER PULL spacer																									
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YV-8U	4mm INNER PULL spacer and 2mm FACE MOUNT catch spacer																									
YV-8W	6mm INNER PULL 3mm FACE MOUNT 2mm JAMB MOUNT catch spacers																									
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YR-8P	4mm JAMB MOUNT catch spacer																									
YR-8O	2mm FACE MOUNT catch spacer																									
YR-8C	3mm FACE MOUNT catch spacer Suitable for: A&L DOOR and others																									

RESIDENTIAL HARDWARE

Sliding Door, Window & Screen Rollers

Anthony Innovation - Top Hung Roller



- Adjustable Under Load
- Will allow support of max. door weight of 200kg



Product Code	Description	Load Capacity
AI-Z-A4996NA	Roller Top Hung Adjustable - Metal Guide	100kg

Anthony Innovation - 9000 Series Double Bogie



- Industry Leading Bearing Options
- Tandem Wheel Design
- Replaceable Inner Carriage
- Adjustable Under Load
- Will allow support of max. door weight of 200kg



Product Code	Description	Load Capacity
AI-N9017DND	9017 Twin Bogie Door Roller with Plastic Wheel -17.5mm Body Width	50kg
AI-N9017DSND	9017 Twin Bogie Door Roller with Anti Corrosive Wheel -17.5mm Body Width	50kg
AI-N9017DNA	9017 Twin Bogie Door Roller with Plastic Wheel -17.5mm Body Width	80kg
AI-N9017DSIR	9017 Twin Bogie Door Roller with Anti Corrosive Wheel -17.5mm Body Width	80kg

Anthony Innovation - Single Bogie



- Industry Leading Bearing Options
- Replaceable Inner Carriage
- Adjustable Under Load
- Will allow support of max. door weight of 100kg



Product Code	Description	Load Capacity
AI-N5001ND	5001 Single Bogie Door Roller with Plastic Wheel -15mm Body Width	25kg
AI-N5001NA	5001 Single Bogie Door Roller with Plastic Wheel -15mm Body Width	40kg
AI-N9017ND	9017 Single Bogie Door Roller with Plastic Wheel -??mm Body Width	25kg
AI-N9017NA	9017 Single Bogie Door Roller with Plastic Wheel -??mm Body Width	40kg
AI-N9017FPA	Fixed Panel Adjuster	?

RESIDENTIAL HARDWARE

Sliding Door, Window & Screen Rollers

Anthony Innovation - 300 Series



- Industry Leading Bearing Options
- Adjustable Under Load
- Will allow support of max. door weight of 70kg



Product Code	Description	Load Capacity
AI-ZA323NA	Door Roller 18mm Carriage with Flange	25kg
AI-ZA328ND	Door Roller 15mm Carriage Adjustable	25kg
AI-ZS324BD	Door Roller Brass Wheel 15mm Carriage Adjustable	35kg

Anthony Innovation - 7000 Series Double Bogie



- Industry Leading Bearing Options
- Tandem Wheel Design
- Replaceable Inner Carriage
- Adjustable Under Load
- Will allow support of max. door weight of 200kg



Product Code	Description	Load Capacity
AI-S7000DNA	7000 Series Dual Roller Suit Timber Door Side Adj. Nylon Wheel	80kg
AI-S7000DPA	7000 Series Dual Roller Suit Timber Door Side Adj. Nylon Wheel	100kg
AI-S7000DPA	7000 Series Dual Roller Suit Timber Door Side Adj. SS Wheel	100kg

RESIDENTIAL HARDWARE

Sliding Door, Window & Screen Rollers

Anthony Innovation - Top Hung Roller

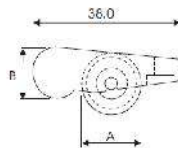
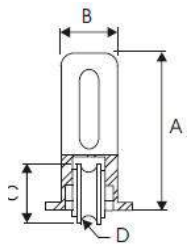


- Suit Double Hung Timber Windows
- Industry Leading Bearings



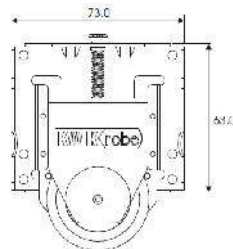
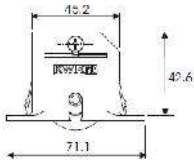
Product Code	Description	Load Capacity	Finish
AI-IGS-1092	Pulley Double Hung Brass Wheel - Brass Cover	36kg	PB
AI-IGS-1092PSC	Pulley Double Hung Brass Wheel - Satin Chrome Cover	36kg	SC
AI-Z-SS25DSGA	Double Hung Pulley - Stainless Steel	?kg	?

Anthony Innovation - 1400 Series



Product Code	Description	Load Capacity	'A' Size	'B' Size	'C' Size
AI-N1402N	Roller Sliding Window	12KG	35mm	8.9mm	13.7mm
AI-N1408SGL	Roller Single Adjustable Wide Screen	12KG	14mm	12.6mm	N/A

Anthony Innovation - Kwik Fit Rollers



MAXIMUM LOAD 30KG



- 10 year warranty
- Engineered plastic to reduce noise

Product Code	Description	Load Capacity
AI-KF3200SF	Kwik Fit Security Door Roller	25kg
AI-GKF3200PK	Kwik Fit Kit - Grey Roller/Blue Roller Anti Corrosive SS Wheel Assembly	25kg
AI-Z-S4301NA-SC	Kwik Robe Wardrobe Roller	30kg

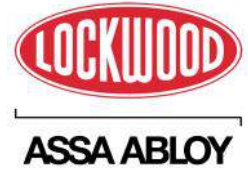
RESIDENTIAL HARDWARE

Euro Mortice Locks

Lockwood - Optimum Hinged Door Locks



- Reversible Latch
- Suits Door thickness: 32mm to 45mm
- Standard 30mm Backset (40mm Backset Available in 4 Point Version)
- Lock Status Indication when used with Palladium Xtra Furniture



Product Code	Description	Backset	Body Depth	Pitch	Finish
LW-OP30/1LAN/SS	Lockwood Optimum Single Point Hinged Lock Latch Only	30mm	45mm	85mm	SS
LW-OP30/2PTL/SS	Lockwood Optimum 2 Point Hinged Lock 24mm Throw Bolt	30mm	45mm	85mm	SS
LW-OP30/2PTS/SS	Lockwood Optimum 2 Point Hinged Lock 13mm Throw Bolt	30mm	45mm	85mm	SS
LW-OP30/4SBL/SS	Lockwood Optimum 4 Point Hinged Lock 24mm Throw Bolt	30mm	45mm	85mm	SS
LW-OP30/4SBS/SS	Lockwood Optimum 4 Point Hinged Lock 13mm Throw Bolt	30mm	45mm	85mm	SS
LW-OP40/4SBS/SS	Lockwood Optimum 4 Point Hinged Lock 13mm Throw Bolt	40mm	55mm	85mm	SS

Lockwood - Optimum Sliding Door Locks



- Anti-Lift Deadbolt
- Anti-Slam Pin Protection
- Suits Door thickness: 32mm to 45mm
- Lock Status Indication when used with Palladium Xtra Cylinder Escutcheons
- 30MM & 40MM Backset Options



Product Code	Description	Backset	Body Depth	Pitch	Finish
LW-OP30/1SDN/SS	Lockwood Optimum Single Point Sliding Door Lock	30mm	45mm	85mm	SS
LW-OP40/1SDN/SS	Lockwood Optimum Single Point Sliding Door Lock	40mm	55mm	85mm	SS
LW-OP30/3SDN/SS	Lockwood Optimum 3 Point Sliding Door Lock	30mm	45mm	85mm	SS

RESIDENTIAL HARDWARE

Euro Mortice Locks

Lockwood - Optimum Roller Bolt Door Locks



- Adjustable Latch Protection from F/Plate
- Adjustable Latching Strength from F/Plate
- Suits Door thickness: 32mm to 45mm
- Lock Status Indication when used with Palladium Xtra Cylinder Escutcheons
- 40MM & 50MM Backset Options



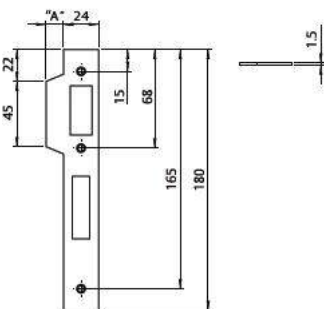
ASSA ABLOY

Product Code	Description	Backset	Body Depth	Pitch	Finish
LW-OP40/1RBS/SS	Lockwood Optimum Single Point Roller Bolt Lock	40mm	55mm	85mm	SS
LW-OP50/1RBS/SS	Lockwood Optimum Single Point Roller Bolt Lock	50mm	65mm	85mm	SS

Lockwood - Optimum Accessories

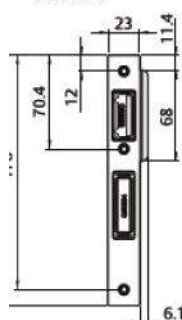
Standard / Extended Lip Hinged Door Strikes

Part Number	Dimension "A"
OPS001SS	12mm
OPS002SS	43mm
OPS003SS	60mm



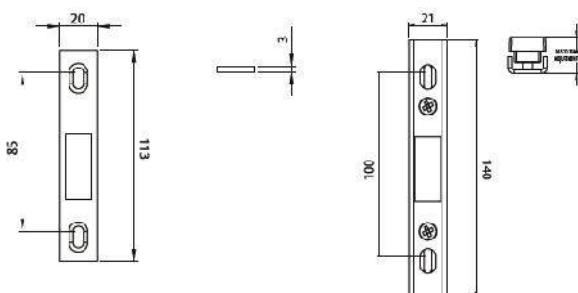
Standard / Extended Lip Hinged Door Strikes

Part Number	Dimension "A"
OPS001SS	12mm
OPS002SS	43mm
OPS003SS	60mm



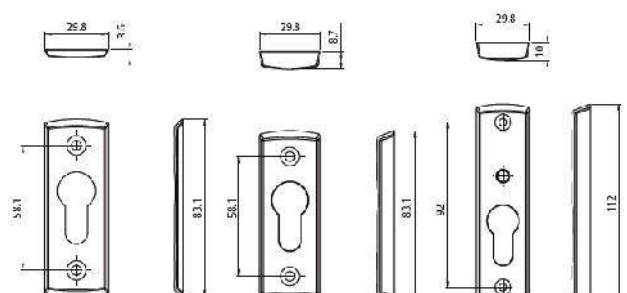
Sliding Door Strikes

Part number	Type
P33600	Adjustable
PQ70188	Fixed



Cylinder Escutcheons

Part number	Description
PA2101	Palladium Low Profile Cylinder Escutcheon
PA2102	Palladium High Profile Cylinder Escutcheon
PA2202	Palladium High Profile Cylinder Escutcheon Pair (x2)
PA2103	Palladium Xtra (Indicating) High Profile Cylinder Escutcheon



ASSA ABLOY

RESIDENTIAL HARDWARE

Euro Mortice Locks

Lockwood - Union Hinged Door Locks



- Reversible Latch
- 25,30 & 35mm Backset Available
- 2 Point Lock
- Compatible with Palladium Levers

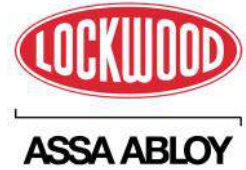


Product Code	Description	Backset	Body Depth	Pitch	Finish
U-X925-SS-M5	Lockwood Union Euro Mortice Deadlock	25	40mm	85mm	SC
U-X930-SS-M5	Lockwood Union Euro Mortice Deadlock	30	45mm	85mm	SC
U-X935-SS-M5	Lockwood Union Euro Mortice Deadlock	35	50mm	85mm	SC

RESIDENTIAL HARDWARE

Hinged Door Furniture

Lockwood - Palladium Handles

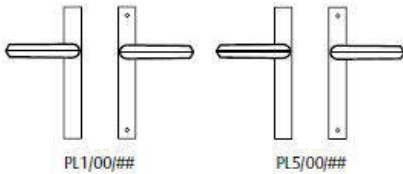


- 222x30x9mm Plate
- Suit 32mm - 45mm Door Thickness
- Non-Handed
- Zinc Die-cast

Product Code	Description	Finish
LW-PL#/#/#/#/#	Lockwood Palladium Handle Set # (Specify Function), # (Specify Pitch), # (Specify Handle Type), # (Specify Finish)	BLK, SP, PPC, SCPZN

No Pitch Plates

For use with passage functions.



Palladium

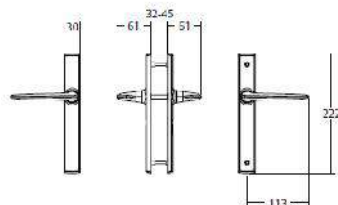
Platform Name	Function	Pitch	Lever	Finish
PL	4	85	34	SP

Platform Name	Pitch	Finish
Palladium	Lever Only 00	Satin Chrome Pearl SP
	85mm Pitch 85	Black BLK
		Polyester Powder Coat PPC

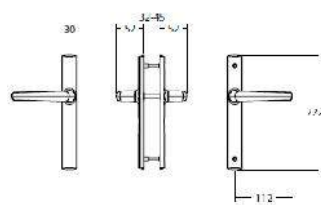
Function	Lever
Passage Set 1	Summit L1
External Single Cylinder 2	Aria 27
Internal Single Cylinder 3	Acacia 29
Double Cylinder 4	Gidgee 37
Fixed Dummy 5	
French Door FD	

Diecast Levers

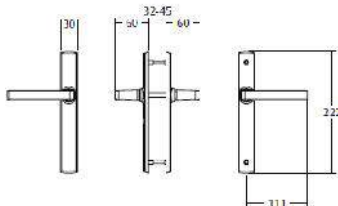
Summit® L1



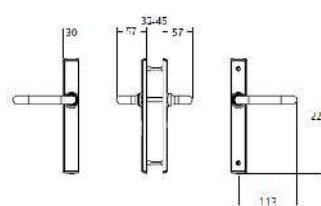
Aria® #27



Acacia® #29



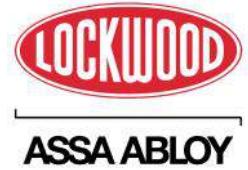
Gidgee® #37



RESIDENTIAL HARDWARE

Hinged Door Furniture

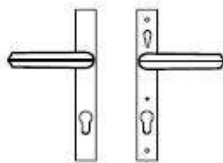
Lockwood - Palladium Xtra Handles



- 222x30x9mm Plate
- Suit 32mm - 45mm Door Thickness
- Non-Handed
- Zinc Die-cast
- Lock Status Indication

Product Code	Description	Finish
LW-PX4/85/##/##	Lockwood Palladium Xtra Handle Set, #(Specify Handle Type), # (Specify Finish)	BLK, SP,PPC,SCPZN

85mm Plates and Functions



PX4/85/##

Represents lever style number.

Palladium Xtra

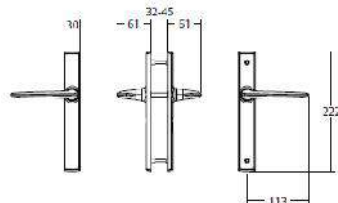
Platform Name	Function	Pitch	Lever	Finish
PX	4	85	34	SP

Platform Name	Pitch	Finish
Palladium Xtra PX	85mm Pitch	85
		Satin Chrome Pearl SP
		Black BLK
		Polyester Powder Coat PPC

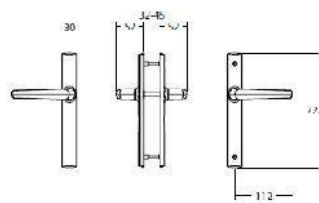
Function	Lever
Double Cylinder 4	Summit L1
	Aria 27
	Acacia 29
	Gidgee 37

Diecast Levers

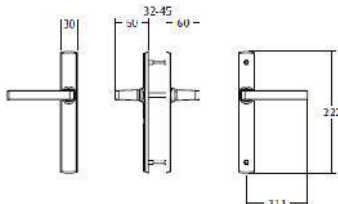
Summit® L1



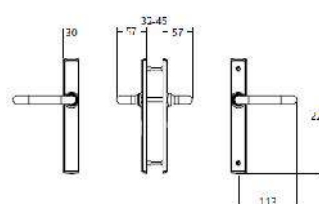
Aria® #27



Acacia® #29



Gidgee® #37



RESIDENTIAL HARDWARE

Euro Cylinders & Accessories

Interlock - Full Euro Cylinders

INTERLOCK™

ASSA ABLOY



- C4 Fixed Cam Euro Cylinders
- Re-Pinable 5 & 6 Pin
- 62mm - 90mm Length
- Available in Double Cyl. Or with Turnsnib

Product Code	Description	Length	Finish
IN-P33046	Interlock Fixed Cam Euro Cylinder C4 6 Pin Satin Chrome	70mm	SC
IN-P33047	Interlock Fixed Cam Euro Cylinder & Turn C4 6 Pin - Satin Chrome	70mm	SC
IN-P33035	Interlock Fixed Cam Euro Cylinder Double C4 5 Pin - Satin Chrome	62mm	SC
IN-P33034	Interlock Fixed Cam Euro Cylinder Knob C4 5 Pin - Satin Chrome	62mm	SC
IN-P33021	Interlock Fixed Cam Euro Cylinder Double C4 5 Pin - Satin Chrome	90mm	SC

Interlock - Half Euro Cylinders

INTERLOCK™

ASSA ABLOY



- C4 Fixed Cam Euro Cylinders
- Re-Pinable 5 Pin
- Available in Single Cy. Or with Turnsnib

Product Code	Description	Length	Finish
IN-P33045	Interlock Fixed Cam Euro Cylinder Half C4 5 Pin - Satin Chrome	41mm	SC
IN-P33092	Interlock Fixed Cam Euro Cylinder Half Turn Knob - Satin Chrome	41mm	SC

RESIDENTIAL HARDWARE

Euro Cylinders & Accessories

Escutcheons



Product Code	Description	Finish
SU-43726	Euro Escutcheon 40x40x8mm Square	SC
SU-33726	Euro Escutcheon 40x40x8mm Square	CP



Product Code	Description	Finish
SU-43724	Rectangle Euro Escutcheon 70x30x10mm - Stainless Steel	SSS
SU-33724	Rectangle Euro Escutcheon 70x30x10mm - Stainless Steel	PSS



Product Code	Description	Finish
SU-43725	Oval Rectangle Euro Escutcheon 70x30x10mm - Stainless Steel	SSS
SU-33725	Oval Rectangle Euro Escutcheon 70x30x10mm - Stainless Steel	PSS



Product Code	Description	Finish
SU-43703	Round Euro Escutcheon Round Edge 52mm Dia. x 8mm	SC
SU-33703	Round Euro Escutcheon Round Edge 52mm Dia. x 8mm	CP
SU-43702	Round Euro Escutcheon Square Edge 52mm Dia. x 8mm	SC
SU-33702	Round Euro Escutcheon Square Edge 52mm Dia. x 8mm	CP

RESIDENTIAL HARDWARE

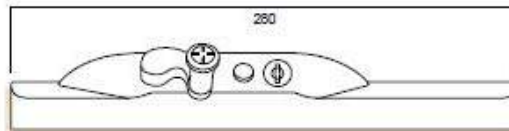
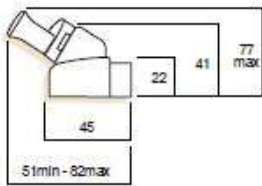
Chainwinders

Whitco - Locking Chainwinders



- Push Button to Lock, Key to Unlock
- Max. Opening 300mm
- Can be Restricted to 100mm & 150mm with Restrictor Clip
- Standard 5 Disc Wafer Cylinder
- Option to have C4 Keyway
- Retrofits existing MK7 & MK8 Whitco Chainwinder models

Product Code	Description	Standard Finishes	
W3802##	Whitco Chainwinder Locking - ##(Specify Finish)	Silver	11
		Brown	13
W3803##	Whitco Chainwinder Locking Stainless Steel Chain - ##(Specify Finish)	Pottery	14
		White	16
		Black	17
		Primrose	19
		Magnolia	24
		Stone Beige	28
		White Birch	41



Non Standard Finishes

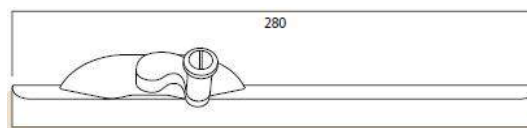
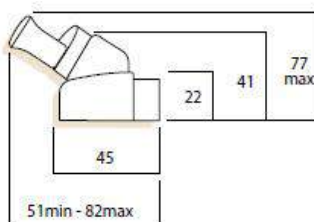
Other polyester powder coat finishes available on application.

Whitco - Non Locking Chainwinders



- Max. Opening 300mm
- Can be Restricted to 100mm & 150mm with Restrictor Clip
- Retrofits existing MK7 & MK8 Whitco Chainwinder models

Product Code	Description	Standard Finishes	
W3702##	Whitco Chainwinder Non Locking - ##(Specify Finish)	Silver	11
		Brown	13
W3703##	Whitco Chainwinder Non Locking Stainless Steel Chain - ##(Specify Finish)	Pottery	14
		White	16
		Black	17
		Primrose	19
		Magnolia	24
		Stone Beige	28
		White Birch	41



Non Standard Finishes

Other polyester powder coat finishes available on application.

RESIDENTIAL HARDWARE

Chainwinders

Whitco - Chainwinder Accessories

Restrictor Clip - Suit MK8 from Dec. 2014



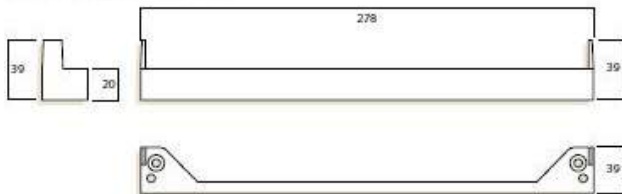
Product Code	Description	Qty
W341001	Whitco Chainwinder Restriction Clip	1
W341010	Whitco Chainwinder Restriction Clip	10
W341100	Whitco Chainwinder Restriction Clip	100

Mounting Brackets

To fix Whitco Window Winder to aluminium sill sections.

Front Fix

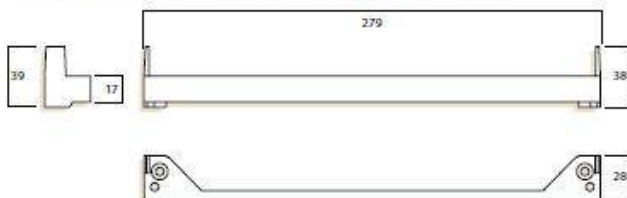
Zinc diecast - W3513**



W3513** Finishes Available: 16,17 & 99

Alcan

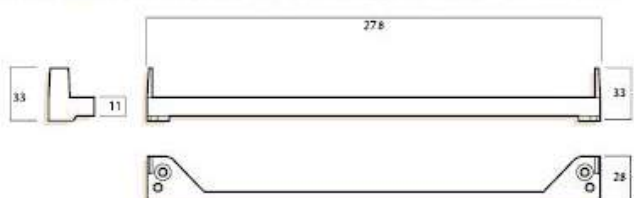
Zinc diecast to suit Alcan sill section - W3516**



W3516** Finishes Available: 11,16 & 17

Boral

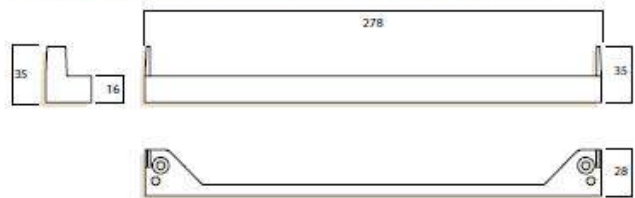
Zinc diecast to suit the Boral Window sill section - W3515**



W3515** Finishes Available: 16,17 & 99

Airlite

Zinc diecast to suit the Airlite sill section - W3520**



W3520** Finishes Available: 11,16,17 & 19

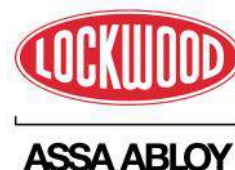
RESIDENTIAL HARDWARE

Window Operators

Lockwood - Elevation Electric Operators



- Actuators can be grouped into zones
- Min. Sash 300mm high
- Can connect to touch screen, Bell Wall Switch and CBUS System
- Can be Restricted

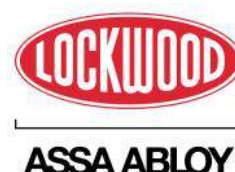


Product Code	Description	Finish
LW-EWAC-300-###	Lockwood Elevation Actuator	BLACK/WHITE/PPC

Lockwood - Elevation Accessories



- 3.5" colour Touch Screen Display
- Control up to 30 windows
- 30 predefined window and group names
- 2 button touch, to control a window
- Synchronize an additional touch pad to the network



Product Code	Description	Finish
LW-TSD-35-WHT	Lockwood Elevation Touch Keypad 3.5"	WHITE



- Automatically close windows in the event of rain
- Connect up to of four sensors per network
- Integrated heating elements to dry up dew or moisture
- Smart re-open function
- Comes with Network Adaptor

Product Code	Description	Finish
LW-EWAC-SRS	Lockwood Elevation Rain Sensor & Network Adaptor	WHITE



- Network Adaptor Required for Standalone Units working off of a Bell Switch
- Network Adaptor Required for Rain sensors

Product Code	Description	Finish
LW-EWAC-SNA	Lockwood Elevation Network Adaptor	BLACK

RESIDENTIAL HARDWARE

Window Operators

Truth Hardware

Full Range of Truth Hardware Available - Ask one of our friendly staff for more information



Truth Operators



Truth Locks



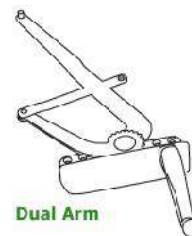
Truth Stays

Selection Guidelines

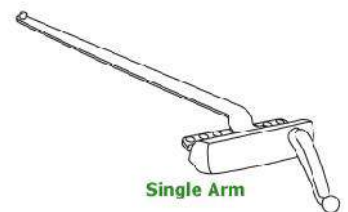
Encore & Maxim Selection Guidelines	
Dual Arm Operator	For large casements-up to 40" x 84" frame/96 lb. sash, supports washability and egress applications
Dyad Operator	For narrow windows-16"-32" wide casements-up to 72" frame/55 lb. sash
Reverse Dyad Operator	For 12"-24" wide windows and specialty windows (i.e., round tops, half round, trapezoid, garden, octagon, and windows that use butt hinges or 4-Bar Hinges)
Single Arm Operator	For 20"-32" wide casements and specialty windows where egress is required
Awning Operator	For frame widths 20"-60" wide
Single Arm Awning Operator	For narrow windows or those with a smaller profile cavity
Low Profile Dyad Operator	for 12"-24" side casements (Available in rear mount version only)

Product Configuration

Product Configuration	Encore	Maxim
Dual Arm	Yes	Yes
Dual Arm: Low Profile	Yes	Yes
Single Arm	Yes	Yes
Single Arm: Low Profile	Yes	Yes
Dyad	Yes	Yes
Dyad: Low Profile	Yes	Yes
Reverse Dyad	Yes	Yes
Reverse Dyad: Low Profile	Yes	Yes
Awning	Yes	Yes
Awning: Narrow	Yes	Yes



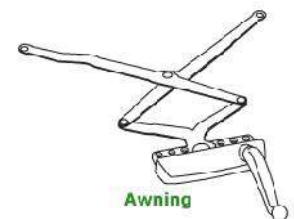
Dual Arm



Single Arm



Dyad



Awning

RESIDENTIAL HARDWARE

Window Stays

Interlock - 4-Bar Series



- 304 Grade Stainless Steel
- 4 Bar Stay
- Non-Handed
- No Sliding Channels
- Available in Friction & Non Friction

INTERLOCK™

ASSA ABLOY

Specifications:

Model	Application	Max. Sash Height	Opening Angle	Max. Sash Weight	Product Number	Fixings
200 4B	PTH	600mm	40°	Refer Selection Charts	P1002	*
200 4B NF	PTH	***	40°	10kg	P1002NF	*
350 4B	PTH	800mm	30°	Refer Selection Charts	P1003	*
350 4B NF	PTH	***	30°	25kg	P1003NF	*
500 4B	PTH	1800mm	25°	Refer Selection Charts	P1004	**
500 4B NF	PTH	***	25°	40kg	P1004NF	**

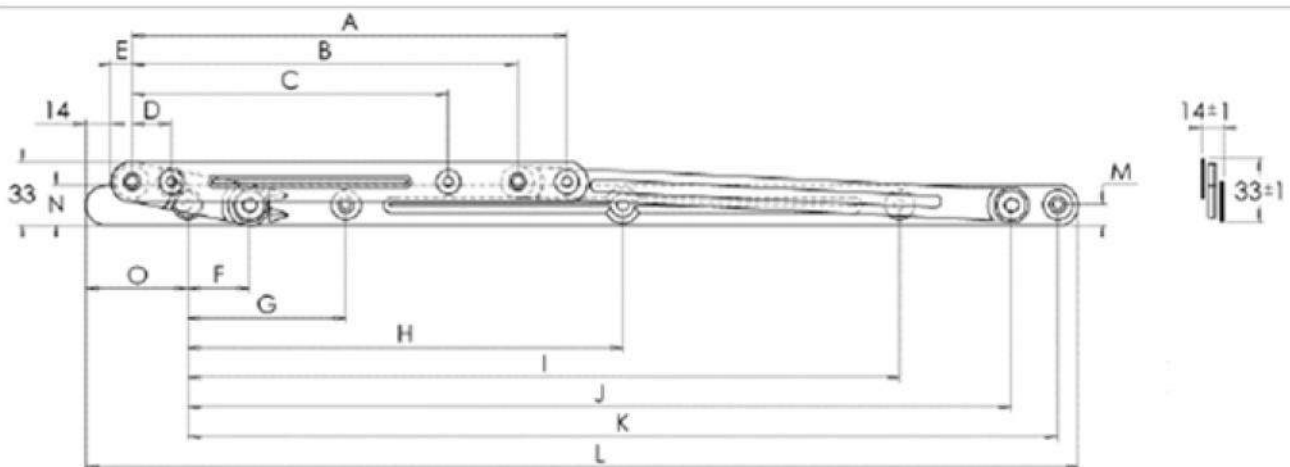
* Recommended Fixings: 8 gauge countersunk head screws, M4 countersunk head machine screws, 4mm countersunk head blind rivets
 **Recommended Fixings: 10 gauge countersunk head screws, M5 countersunk head machine screws, 5mm countersunk head blind rivets

Options:

- Available in three sizes, designated by the frame plate length, catering for sashes weighing up to 30kg. The selection of which is determined by the sash weight and height (refer chart below).
- Includes specific function models:
 - Non-friction for use with window control mechanisms.
 - Reduced friction.

Features:

- A comprehensive range to cater for most applications.
- Non-handed.
- Manufactured with the unique "pull-in" feature.
- No sliding channels.
- Factory set friction levels mean no on-site adjustment is required.
- Incorporates the ASSA ABLOY patented friction bearing.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2004B	80	54.35	-	20	8.5	29.1	-	-	-	134.1	149.7	198.2	8	16	40
3504B	140	113.9	-	20	8.5	28.9	160	-	-	283.9	300	348.5	8	16	40
5004B	220	195	160	20	10.5	31.5	80	220	360	416.6	440	502.5	10	20	52

RESIDENTIAL HARDWARE

Window Stays

Interlock - 4BC Series

INTERLOCK™

ASSA ABLOY



- 304 Grade Stainless Steel
- 4 Bar Stay
- Non-Handed
- No Sliding Channels
- Available in Friction & Non Friction

Specifications:

Model	Application	Max. Sash Width	Opening Angle	Max. Sash Weight	Product Number	Fixings
230 4BC	PSH	800mm	90°	25kg	P1090	*
230 4BC NF	PSH	***	90°	25kg	P1090NF	*
230 4BCR	PSH	800mm	77°	25kg	12C-IS230R-00F	*
250 4BC27	PSH	600mm	90°	20kg	12C-FS2500-00F	*
250 4BC27 NF	PSH	***	90°	20kg	12C-FN2500-00F	*
300 4BC	PSH	750mm	56°	20kg	P1120	**
430 4BC	PSH	1000mm	90°	40kg	P1080	**
430 4BC NF	PSH	***	90°	40kg	P1080NF	**

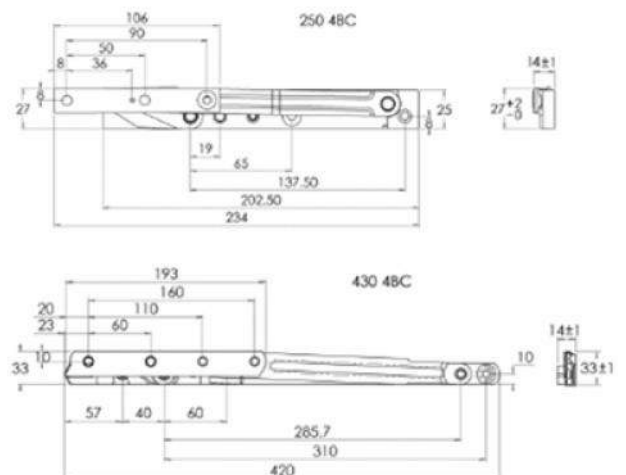
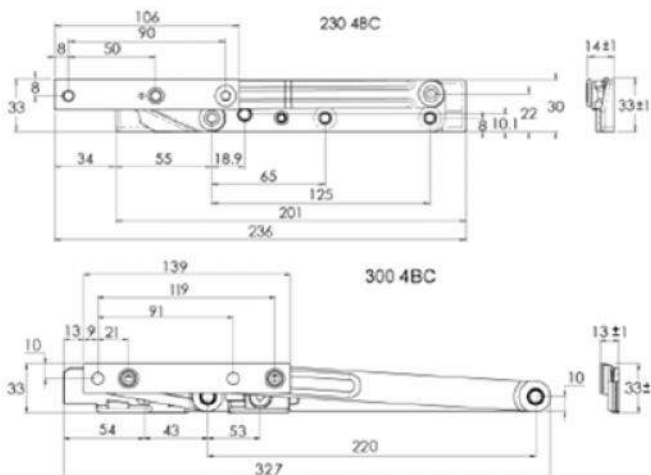
Please note: Interlock casement stays are only recommended for use on casement windows where the window height is twice the window width.

*Recommended Fixings: 8 gauge countersunk head screws, M4 countersunk head machine screws, 4mm countersunk head blind rivets

**Recommended Fixings: 10 gauge countersunk head screws, M5 countersunk head machine screws, 5mm countersunk head blind rivets

Features:

- A comprehensive range to cater for most applications.
- Non-handed.
- Manufactured with the unique "pull-in" feature.
- No sliding channels.
- Factory set friction levels thus no on-site adjustment necessary.
- Incorporates the Interlock patented friction bearing.



RESIDENTIAL HARDWARE

Window Stays

Interlock - A Series



- Extruded Aluminium
- 4 Bar Stay
- Available in 4 Sizes

INTERLOCK™

ASSA ABLOY

Specifications:

Model	Application	Max. Sash Height	Opening Angle	Max. Sash Weight	Product Number	Fixings
230 A	PTH	750mm	45°	6kg	P1560B	*
230 V	PTH	400mm	45°	4kg	P509B	*
230 NF	PTH	***	45°	10kg	P1559B	*
330 A	PTH	1000mm	35°	9kg	P1561B	*
420HD A	PTH	1800mm	20°	15kg	P1553B	*
420HD A	PTH	1500mm	20°	20kg	P1553B	*
420HD A	PTH	1200mm	20°	43kg	P1553B	*
500 A	PTH	1300mm	27°	12kg	P1530B	*

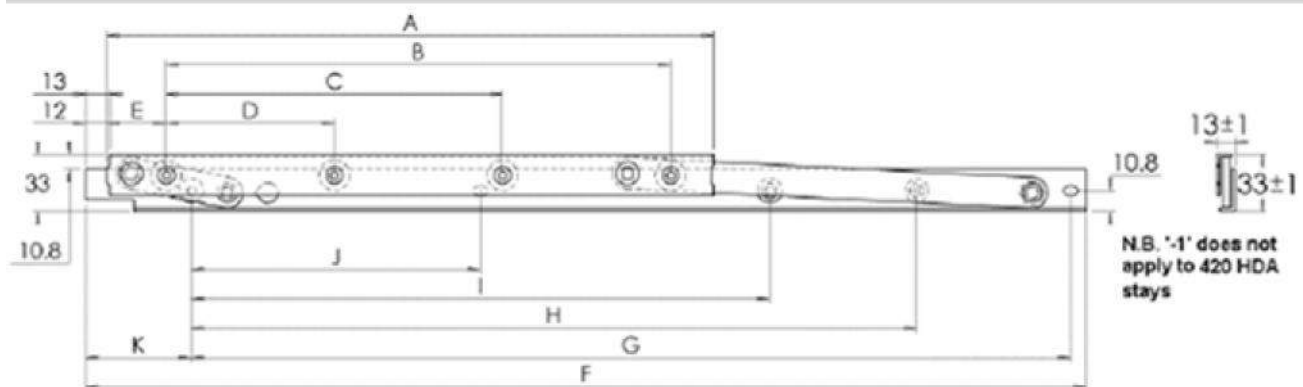
*Recommended Fixings: 8 gauge countersunk head screws, M4 countersunk head machine screws, 4mm countersunk head blind rivets

Features:

- A complete range to cater for most residential applications.
- Manufactured with the unique "pull-in" feature.
- No sliding channels.
- Incorporates the Interlock patented friction bearing.
- Non-friction (NF) for use with remote control gear or sash operators.
- Black powdercoated finish prior to assembly, following pre-treatment.
- Note: If the application falls outside of the specification guidelines below please complete the Friction Stay Application Check List found in the Introduction section and forward to Interlock.

Includes specific function models:

- 'A' Full friction
- 'NF' Non-friction
- 'V' Low friction
- 'HD A' Heavy duty



A-Series

RESIDENTIAL HARDWARE

Window Stays

Interlock - HD6 Series

INTERLOCK™

ASSA ABLOY



- Extruded Aluminium
- 4 Bar Stay
- Available in 5 Sizes

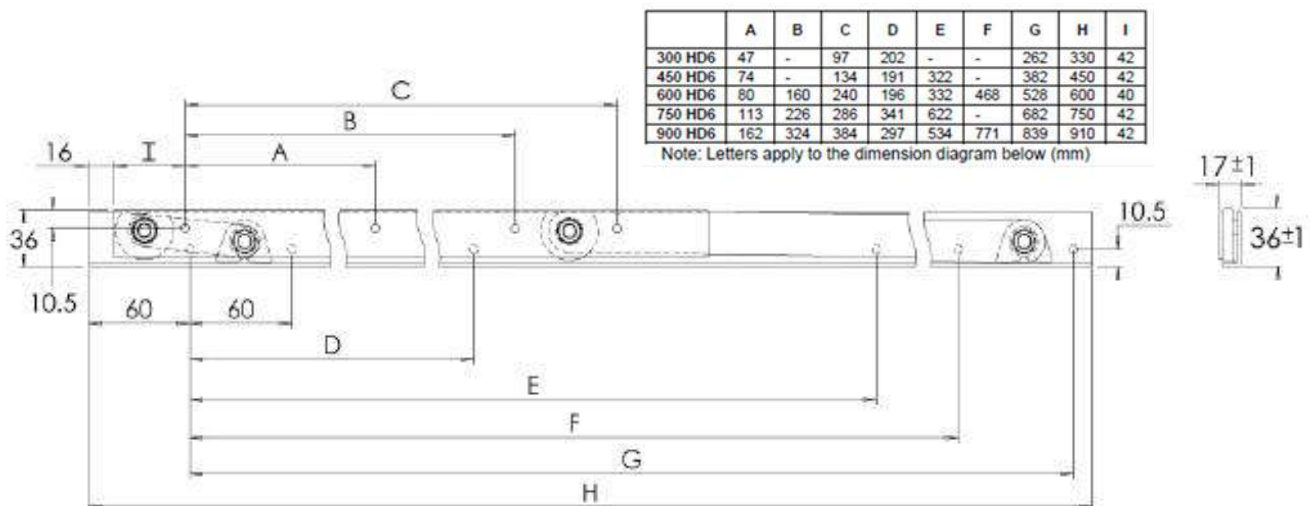
Specifications:

Model	Application	Max. Sash Height x Weight	Opening Angle	Product Number	Fixings
300 HD6	PTH	1050mm x 6.5kg	49°	P1532B	*
300 HD6	PTH	550mm x 18kg	49°	P1532B	*
300 HD6 + Restrictor	PTH	300mm to 1000mm x 42kg	150mm	P1532B	*
300 HD6 NF	PTH	Height N/A x 42kg	49°	P567B	*
450 HD6	PTH	600mm x 21kg	50°	P1533B	*
600 HD6	PTH	1600mm x 10kg	38°	P1534B	*
600 HD6	PTH	850mm x 30kg	38°	P1534B	*
600 HD6 + Restrictor	PTH	1000mm to 1700mm x 71kg	150mm	P1534B	*
750 HD6	PTH	1800mm x 12kg	36°	P1535B	*
750 HD6	PTH	1050mm x 36kg	36°	P1535B	*
750 HD6 + Restrictor	PTH	1000mm to 1700mm x 71kg	150mm	P1535B	*
900 HD6	PTH	2400mm x 14kg	31°	P1536B	*
900 HD6	PTH	1300mm x 43kg	31°	P1536B	*
900 HD6 + Restrictor	PTH	1700mm to 2400mm x 100kg	150mm	P1536B	*
Model	Application	Max. Sash Width	Opening Angle	Product Number	Fixings
450 HD6	PSH	800mm x 40kg	50°	P1533B	*

Please note: Interlock casement stays are only recommended for use on casement windows where the window height is twice the window width.
**Recommended Fixings: 8 gauge countersunk head screws, M4 countersunk head machine screws, 4mm countersunk head blind rivets*

Features:

- A complete range to cater for most heavy-duty commercial applications
- Manufactured with unique "pull-in" feature.
- No sliding channels.
- Incorporates the Interlock patented friction bearing.
- Black powdercoat finish prior to assembly following pre-treatment.
- **Note: If the application falls outside of the specification guidelines below please complete the Friction Stay Application Check List found in the Introduction section and forward to Interlock.**



RESIDENTIAL HARDWARE

Window Stays

Interlock - Stay Restrictors

INTERLOCK™

ASSA ABLOY

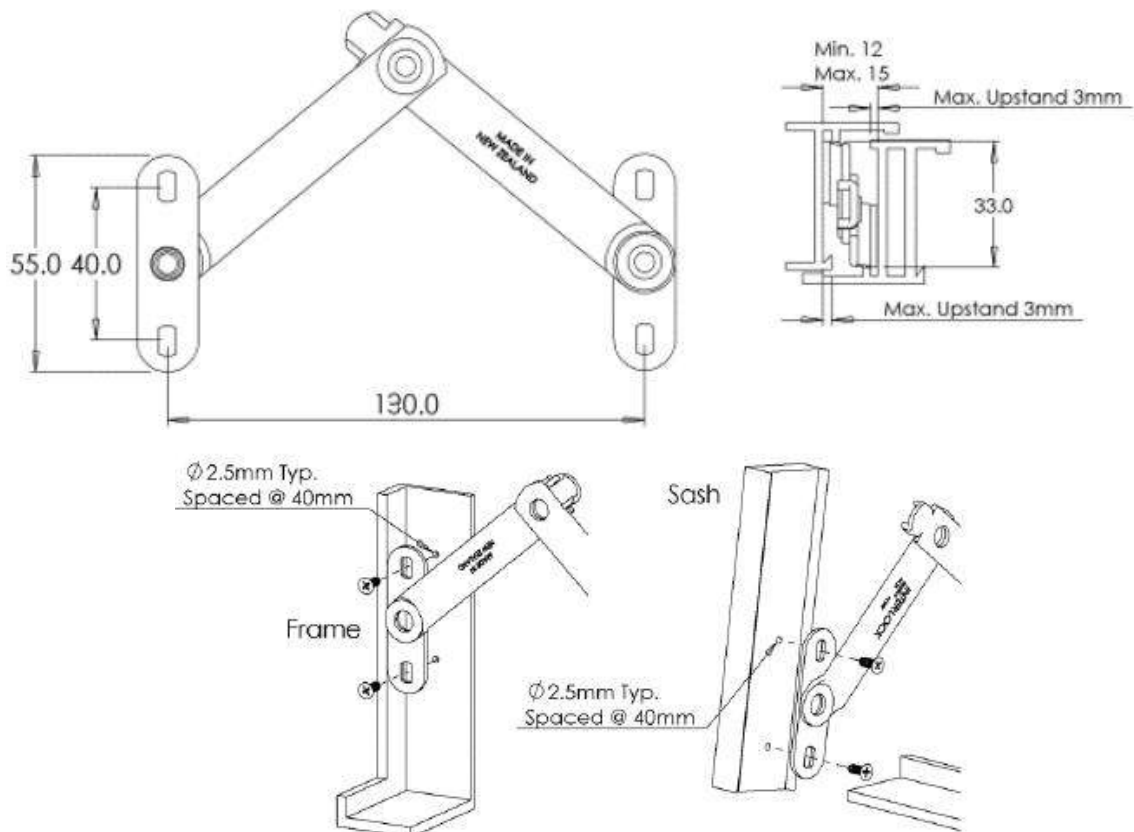


- 304 Grade Stainless Steel
- Non-Releasable
- Suit Awnings & Casements

Product Code	Description
IN-1097	Interlock Stay Restrictor

Features:

- The stainless steel scissor arm limits the opening to a maximum of 100mm when installed in the recommended position, guarding against injury caused by falling.
- Manufactured from non-corrosive 304 austenitic stainless steel.
- Designed to be installed within a window cavity of 33mm width and ranging from 12mm to 15mm height.
- Recommended to be screwed or riveled through the bearing eyelets for strong fixing.
- Restricts the sash opening in order to avoid interference with foot traffic in ground level or walk-by situations.
- Safety stays provide a means of controlling open sashes in high windows or when restriction of large or heavy sashes is desired for safety reasons.
- Recommended fasteners 8G countersunk head or 6G panhead screws.



RESIDENTIAL HARDWARE

Window Stays

Whitco - Stays



- Both Standard(Wide) & Narrow Track
- Available in Friction & Non-friction
- Available in Zinc Plate Steel & Stainless Steel
- Include Fixing Screws
- Suitable for Non-lipped Joinery Only

Ordering

Combination Retail / Trade Packs

Track length	Standard Width	Narrow Width
200 mm	W0103●●	W0203●●
300 mm	W0107●●	W0207●●
400 mm	W0111●●	W0211●●
500 mm	W0115●●	W0215●●

Standard Finishes

Available in two materials/finish:

Passivated galvanised zinc steel/ Yellow finish	01
Stainless steel/Natural finish	04

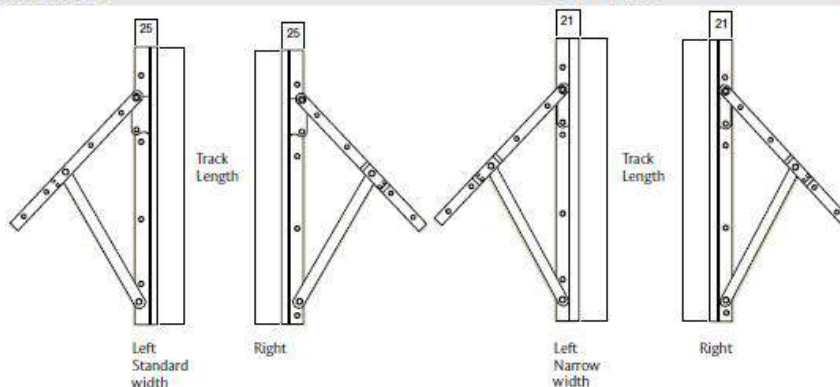
Please note; ●● refers to the Standard Finishes listed

Standard width versions

Track length	Casement sash width (mm)	Casement sash weight (Kg)	Awning sash height (mm)	Awning sash weight (Kg)
200 mm	Up to 635	10.0	Up to 535	6.3
300 mm	636 - 790	11.8	536 - 710	7.8
400 mm	791 - 840	12.3	711 - 990	10.0
500 mm	Not recommended		991 - 1,220	11.8

Narrow width versions

Track length	Casement sash width (mm)	Casement sash weight (Kg)	Awning sash height (mm)	Awning sash weight (Kg)
200 mm	Up to 635	9.5	Up to 535	6.0
300 mm	636 - 790	11.3	536 - 710	7.3
400 mm	791 - 840	11.8	711 - 990	9.5
500 mm	Not recommended		991 - 1,220	11.3



RESIDENTIAL HARDWARE

Window Locks

Whitco - Sash Locks



Mini Push Lock

- High security CYL4 Cyl. Available
- Standard 5 Disc Cylinder
- Simply push button to lock

Standard Finishes

Available in polyester powder coat finishes

- Silver 11
- Primrose 19
- Mahogany 12
- White 16
- Black 17

Product Code	Description
W22081##D5	Whitco Push Lock Mini 5 Disc wafer Cylinder ##(Specify Finish)
W22081##C4	Whitco Push Lock Mini CYL4 Cylinder ##(Specify Finish)



Window Bolt

- High security CYL4 Cyl. Available
- Standard 5 Disc Cylinder
- 9.5mm Strong Steel Bolt

Standard Finishes

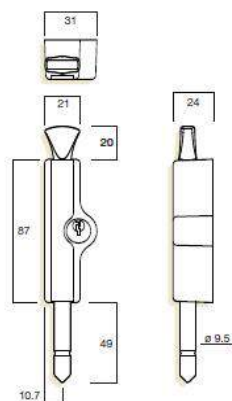
Available in polyester powder coat finishes

- Silver 11
- Primrose 19
- Mahogany 12
- White 16
- Black 17

Product Code	Description
W22033##D5	Whitco Window Bolt 5 Disc wafer Cylinder ##(Specify Finish)
W22033##C4	Whitco Window Bolt CYL4 Cylinder ##(Specify Finish)



Patio Bolt



- High security CYL4 Cyl. Available
- Standard 5 Disc Cylinder
- 9.5mm Strong Steel Bolt
- Bolt Extension Available

Standard Finishes

Available in polyester powder coat finishes

- Silver 11
- Primrose 19
- Mahogany 12
- White 16
- Black 17

Product Code	Description
W22063##D5	Whitco Patio Bolt 5 Disc wafer Cylinder ##(Specify Finish)
W22063##C4	Whitco Patio Bolt CYL4 Cylinder ##(Specify Finish)

RESIDENTIAL HARDWARE

Window Locks

Whitco - Sash Locks

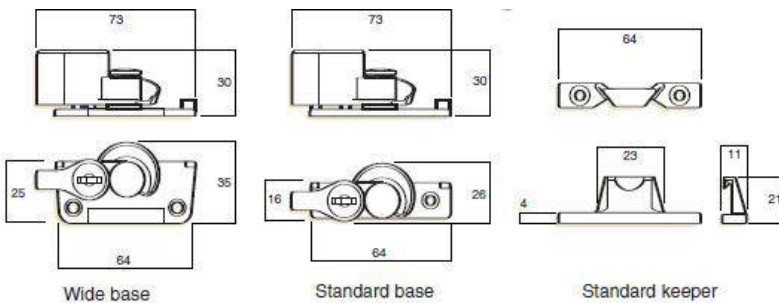
Keyed Sash Lock



- Standard 5 Disc Cylinder
- Swivel type 2way Action
- Range of Keeper for All Applications



Product Code	Description
W2733##	Whitco Standard Base Sash Lock with Standard Keeper ##(Specify Finish)
W2736##	Whitco Wide Base Sash Lock with Standard Keeper ##(Specify Finish)
W2740##	Whitco Standard Base Sash Lock with Slimline Keeper ##(Specify Finish)

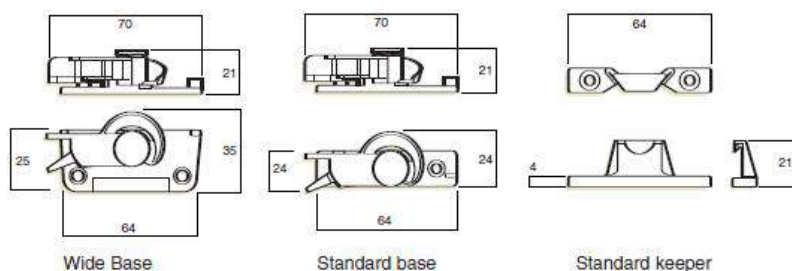


Safety Sash Lock



- Swivel type 2way Action
- Range of Keeper for All Applications
- 16mm & 26mm Bases

Product Code	Description
W2733##	Whitco Standard Base Sash Lock with Standard Keeper ##(Specify Finish)
W2736##	Whitco Wide Base Sash Lock with Standard Keeper ##(Specify Finish)
W2740##	Whitco Standard Base Sash Lock with Slimline Keeper ##(Specify Finish)



Standard Finishes

	Bright Gold 02
	Mahogany 12
	Black 17
	Satin Chrome 05
	Brown 13
	Primrose 19
	Bright Chrome 08
	Pottery 14
	Stone Beige 28
	Silver 11
	White 16
	White Birch 41

RESIDENTIAL HARDWARE

Window Locks

Whitco - Sash Locks

Sliding Window Lock



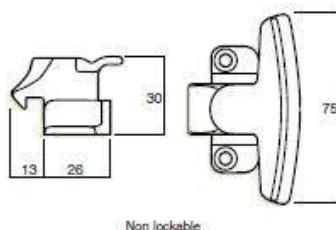
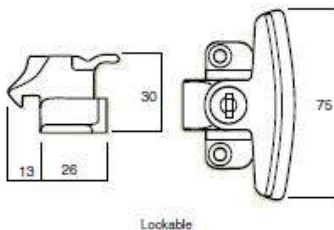
- Spring Loaded Catch For Automatic Latching
- Available in Locking And Non- Locking
- Range of Keeper for All Applications



Standard Finishes

	Bright Gold 02
	Mahogany 12
	Black 17
	Satin Chrome 05
	Brown 13
	Primrose 19
	Bright Chrome 08
	Pottery 14
	Stone Beige 28
	Silver 11
	White 16
	White Birch 41

Product Code	Description
W2851##	Whitco Sliding Window Lock Non-Locking 12mm w/ Flat Strike ##(Specify Finish)
W2873##	Whitco Sliding Window Lock Non-Locking 16mm w/ Flat Strike ##(Specify Finish)
W2852##	Whitco Sliding Window Lock Non-Locking 22mm w/ Flat Strike ##(Specify Finish)
W2856##	Whitco Sliding Window Lock Locking 12mm w/ Flat Strike ##(Specify Finish)
W2872##	Whitco Sliding Window Lock Locking 16mm w/ Flat Strike ##(Specify Finish)
W2857##	Whitco Sliding Window Lock Locking 22mm w/ Flat Strike ##(Specify Finish)



RESIDENTIAL HARDWARE

Window Locks

Whitco - Sash Locks



Series 25 Window Lock

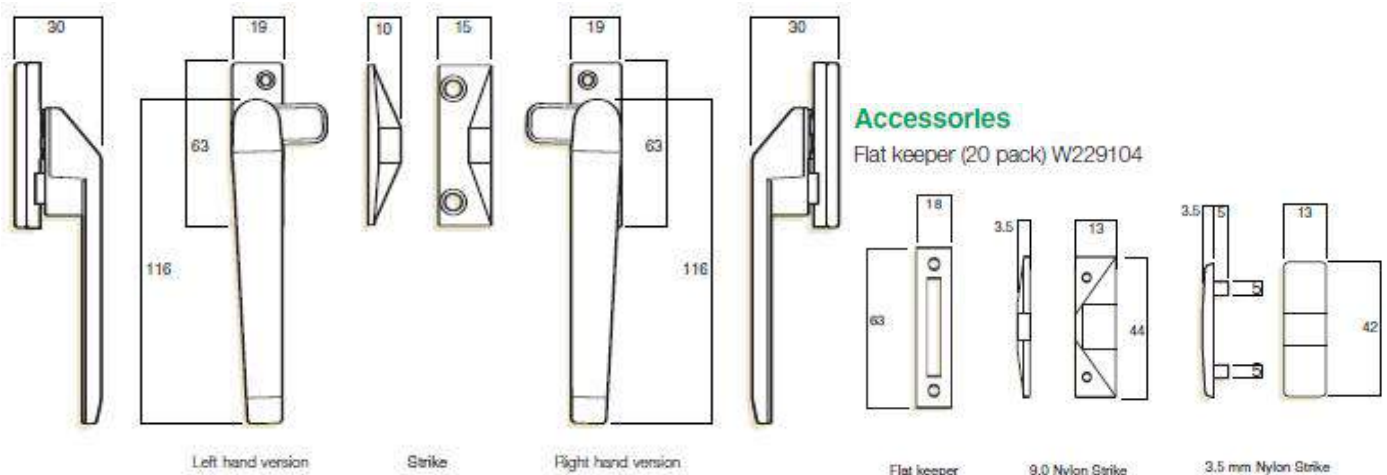


- Left & Right Hand Versions
- Available in Locking And Non-Locking
- Range of Keeper for All Applications

Product Code	Description
W2251##	Whitco 25 Series Lock Non-Locking RH Std Base & Strike ##(Specify Finish)
W2252##	Whitco 25 Series Lock Non-Locking LH Std Base & Strike ##(Specify Finish)
W2253##	Whitco 25 Series Lock Non-Locking RH 3.5mm Base & Strike ##(Specify Finish)
W2254##	Whitco 25 Series Lock Non-Locking LH 3.5mm Base & Strike ##(Specify Finish)
W2255##	Whitco 25 Series Lock Non-Locking RH 9mm Base & Strike ##(Specify Finish)
W2256##	Whitco 25 Series Lock Non-Locking LH 9mm Base & Strike ##(Specify Finish)
W2271##	Whitco 25 Series Lock Locking RH Std Base & Strike ##(Specify Finish)
W2272##	Whitco 25 Series Lock Locking LH Std Base & Strike ##(Specify Finish)
W2273##	Whitco 25 Series Lock Locking RH 3.5mm Base & Strike ##(Specify Finish)
W2274##	Whitco 25 Series Lock Locking LH 3.5mm Base & Strike ##(Specify Finish)
W2275##	Whitco 25 Series Lock Locking RH 9mm Base & Strike ##(Specify Finish)
W2276##	Whitco 25 Series Lock Locking RH 9mm Base & Strike ##(Specify Finish)

Standard Finishes

	Bright Gold 02
	Brown 13
	Satin Chrome 05
	White 16
	Bright Chrome 08
	Black 17
	Mahogany 12



RESIDENTIAL HARDWARE

Window Hardware

Whitco - Sash Balances



Performance

Weight Recommended sash weights

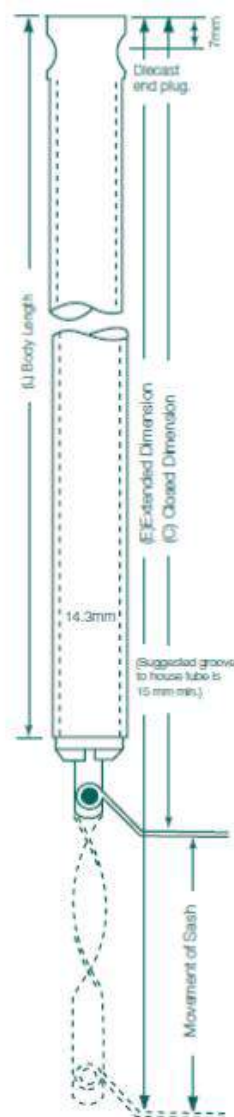
Weight Range	Rating
Weight range 1	2.25 to 7.25 Kg
Weight range 2	7.25 to 10 Kg
Weight range 3	10 to 14 Kg

Balance Number	Step B1	Step B2	'L' Body Length	Step C		
	'C' Closed Dimension (For top balance use exact balance or go smaller)	'E' Extended Dimension (For bottom balance use exact balance or go larger)		Weight Range 1 2.25-7.25 Kg	Weight Range 2 7.25-10 Kg	Weight Range 3 10-14 Kg
110	318	559	292	3		
200	343	610	318	3		
220	368	660	343	3		
240	394	711	368	3		
260	419	762	394	3		
280	445	813	419	3		
210	470	864	445	3		
300	495	914	470	3		
320	521	965	495	4		
340	546	1,016	521	4		
360	572	1,067	546	4		
380	597	1,118	572	4		
310	622	1,168	597	4		
400	648	1,219	622	4	5	6
420	673	1,270	648	4	5	6
440	699	1,321	673	4	5	6
460	724	1,372	699	5	5	6
480	749	1,422	724	5	5	6
410	775	1,473	749	5	5	6
500	800	1,524	775	5	5	6
520	826	1,575	800		5	6
540	851	1,626	826		6	6
560	876	1,676	851		6	7
580	902	1,727	876		6	7
510	927	1,778	902		6	7
600	953	1,829	927		6	7
620	978	1,880	953		6	7
640	1,003	1,930	978		7	7
660	1,029	1,981	1,003		7	8
680	1,054	2,031	1,029		7	8
610	1,080	2,083	1,054		7	8
700	1,105	2,134	1,080		7	8
720	1,130	2,183	1,105		7	8

Pre-tension turns number
Numbers shown in the main table are the initial number of pre-tension turns to use during installation for that balance

Initial number of pre-tension turns to use during installation

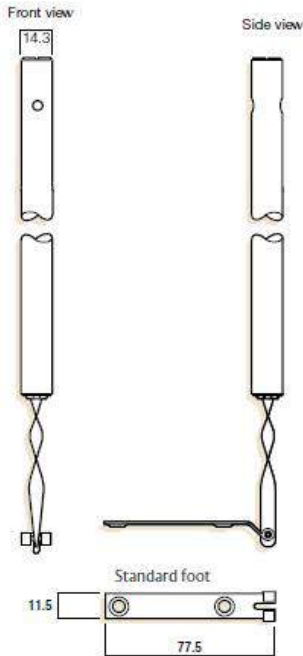
5



RESIDENTIAL HARDWARE

Window Hardware

Whitco - Sash Balances



Balance Number
110

Foot Option
Included 1
Not included 0

W611101117

Whitco Spiral Tube Unit
W61

Weight Range
2.25 - 7.25 kg 1
7.25 - 10 kg 2
10 - 14 kg 3

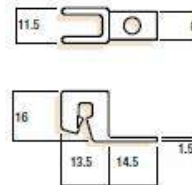
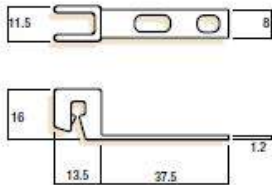
Tube Colour
Black 17

Accessories

Standard adjustable foot for Weight Range 1-3 (2.25 to 14 kg):
W615100

TFD foot:

W615200

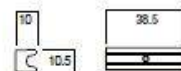


Spiral long stop – polymer

W493000

Spiral short stop – polymer. Order as part of kit

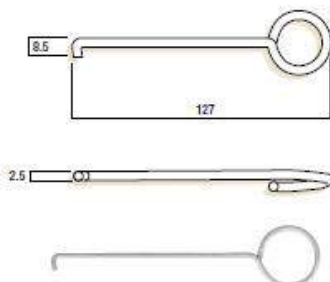
W492900



Tension key spring wire

W492700

Spiral accessory kit: includes top and bottom stop and fixing screws
Black
W492900



LOUVRES

SECTION 6

- **Manual Louvres** **Pg. 6.1**
- **Auto Louvres** **Pg. 6.2**



Distributors of Hardware to the Window, Door & Glazing Industry

LOUVRE SYSTEMS

Manual Louvres



Diamond Louvre™ **THE PERFECT CHOICE**
in manual operated Louvre windows.

Diamond Louvres Australia

Provides a comprehensive range of adjustable Louvre galleries, Louvre window framing systems and associated hardware products specifically designed for Australian conditions.

The Diamond Louvre™ gallery is a proven performer. Developed to withstand the harshest environments and achieving performance ratings that meet the stringent requirements of Australian standards for windows.

Diamond Framing

The Diamond 120mm window frame with integral insect screen when combined with the Diamond Louvre gallery is the perfect choice of window for commercial or residential application.

Diamond Difference

Great care has gone into providing an adjustable Louvre that is aesthetically pleasing durable and low maintenance.

The Diamond Louvre gallery is manufactured from Aluminium, Stainless Steel and UV stabilised materials ensuring low maintenance, trouble free operation.

The slimline design of the Louvre blade glazing clip means the Louvre window as architecturally pleasing open as it closed.

The low profile ergonomic handle is easy to operate, has minimal intrusion into the room and rests neatly within the window frame when the window is closed.

Where safety is a concern key locks can be retro fitted to the low profile handle. Our optional barrier bar system installs easily into the Diamond framing system providing improved safety.

Motorised control adaptors and map hook adaptors are retro fitted to the low profile handle.

Insect Screen

Insect screens are kept in place by a special receiver channel that is designed into the Diamond framing system.

Commercial framing compatible

The Diamond framing system couples directly to 101.6mm commercial shopfront systems. Framing can be installed using 100mm standard sub heads and sub sills.

Ready made

Diamond framing is supplied in lineal lengths or in convenient pre-machined CKD kits.



Manually Operated
Louvre Window

LOUVRE SYSTEMS

Auto Louvres

DIAMOND LOUVRES
Australia

AutoLouve

AutoLouve™ **THE NEXT GENERATION**
in motorised Louvre automation.

Powerful concealed motor

AutoLouve™ is operated by a powerful linear motor that is directly connected to the Diamond Louvre gallery using our patented Radial Link®.

The Radial Link® combines the performance of the Diamond Louvre™ con-rod assembly with the power and reliability of the linear motor. AutoLouve™ delivers smooth, trouble free operation with maximum mechanical advantage.

The automation assembly is concealed inside the window jamb. The motor is accessed without removing glazing or the Louvre gallery via a removable panel.

Advanced power and control

AutoLouve™ is powered by a safe easy to install low voltage power system. The motor, wiring and Radial Link® can be installed in the factory or onsite.

AutoLouve™ is compatible with commercially available CBUS and BMS automated building management systems, optimising environmental control and energy consumption.

AutoLouve™ is supplied standard with a fail safe circuit breaker.

Hand held remote controls are available in single and multi-channel frequencies.

Insect screen

Insect and safety screens are installed from the inside of the Louvre frame, providing easy access for installation and cleaning.

Retractable insect screens can also be installed with the 102mm gallery providing increased air flow and the convenience of insect protection when required.

Commercial framing compatible

AutoLouve™ couples directly to 101.6mm commercial shopfront systems. Frames can be installed using standard 100mm sub heads and sub sills. The system can be glazed using glass, aluminium or timber Louvre blades and can operate up to 27 blades from a single motor.

Ready made

AutoLouve™ is conveniently supplied in pre-machined easy to assemble CKD kits.



Concealed Automated
Louvre Window

LOUVRE SYSTEMS

Louvre Systems Technical Info

Diamond Louvre™ Specifications

Louvre Channel

6063 Extruded Aluminium

Finishes

Powder Coat: Black, White, White Birch
Anodised: 20 micron Natural anodised
Custom: Special channel finishes available upon request

Retaining Clip

102mm (4") UV resistant PP/PE
152mm (6") UV resistant PP/PE
6mm glass clip incorporating glazing relief slot
14mm clip for timber and Aluminium blades

Handles

152mm Louvre: 6106 Aluminium with ergonomic grip
102mm Louvre: 304 Stainless with ergonomic grip

Operator

Anodised Aluminium control & bar with cast bearing, stainless steel link bars & spin rivets

Blade cutting formula

Standard clip = daylight width - 54mm

Glazing

6mm-6.38mm Glass blades
6mm Aluminium blades
14mm Aluminium blades
14mm Western Red Cedar blades

Performance

20000 cycle test
Meets AS2047 windows in buildings

AutoLouve™ Specifications

Drive Unit

12 volt DC Linear motor

Control Options

RF hand held remote control
Wall Mounted bell press switch (hard wired)
BMS compatible
CBUS compatible

Safety Options

Temperature Sensors
Smoke sensors
Rain Sensors
Battery Backup

Power Supply

4amp 12volt DC/240volt Transformer
Fail safe circuit breaker

Framing

120mm Aluminium perimeter frame
shopfront compatible

Blade cutting formula

Standard clip = daylight width - 144mm

Glazing

6mm-6.38mm Glass blades
6mm Aluminium blades
14mm Aluminium blades
14mm Western Red Cedar blades

Performance

20000 cycle test
Meets AS2047 windows in buildings

102mm (4")Size Chart

No of Blades	Control	Blade Split	Height (mm)	Frame Height
3	Single	3	292	342
4	Single	4	381	431
5	Single	5	470	520
6	Single	6	559	609
7	Single	7	648	698
8	Dual	4,4	737	787
9	Dual	4,5	826	876
10	Dual	5,5	915	965
11	Dual	5,6	1004	1054
12	Dual	6,6	1093	1143
13	Dual	6,7	1182	1232
14	Dual	7,7	1271	1321
15	Triple	5,5,5	1360	1410
16	Triple	5,5,6	1449	1499
17	Triple	5,6,6	1538	1588
18	Triple	6,6,6	1627	1677
19	Triple	6,6,7	1716	1766
20	Triple	6,7,7	1805	1855
21	Triple	7,7,7	1894	1944
22	Quad	5,5,6,6	1983	2033
23	Quad	5,5,6,7	2072	2122
24	Quad	5,6,6,7	2161	2211
25	Quad	6,6,6,7	2250	2300
26	Quad	6,6,7,7	2339	2389
27	Quad	6,7,7,7	2428	2478

152mm (6")Size Chart

No of Blades	Control	Blade Split	Height (mm)	Frame Height
2	Single	2	305	355
3	Single	3	445	495
4	Single	4	585	635
5	Single	5	725	775
6	Dual	3,3	865	915
7	Dual	3,4	1005	1055
8	Dual	4,4	1145	1195
9	Dual	5,4	1285	1335
10	Dual	5,5	1425	1475
11	Triple	3,4,4	1565	1615
12	Triple	4,4,4	1705	1755
13	Triple	5,4,4	1845	1895
14	Triple	5,5,4	1985	2035
15	Triple	5,5,5	2125	2175
16	Quad	4,4,4,4	2265	2315
17	Quad	5,4,4,4	2405	2455

SECURITY SCREEN DOOR HARDWARE

SECTION 7

- **Whitco Sliding Security** Pg. 7.1
- **Whitco Hinged Security** Pg. 7.2
- **Whitco Sliding Screen Door** Pg. 7.3
- **Whitco Hinged Closers** Pg. 7.4
- **Whitco Hinges** Pg. 7.5
- **Austral Sliding Security** Pg. 7.6
- **Austral Hinged Security** Pg. 7.7
- **Mesh, Spline & Tools** Pg. 7.8

SECURITY SCREEN DOOR HARDWARE

Security Door Locks

Whitco - Leichhardt Sliding Security Door Lock



- Non-Handed
- Parrot Beak Deadlock
- Self Latching
- Inside Snib with Key Override
- Accepts Whitco Lazy Cam Euro Cylinder
- Optional 2 & 3 Multi Point Kits

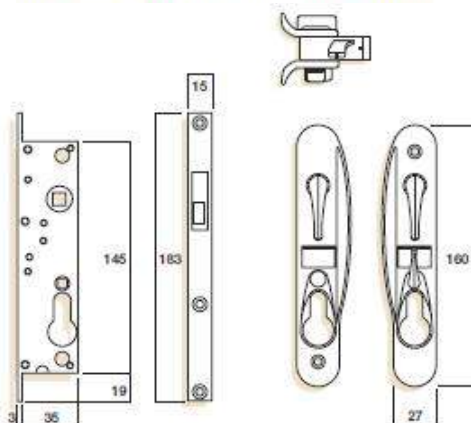
Product Code	Description	Finish
W8653##	Leichhardt SDL - Complete with Lockbody, Furniture & Strike (Cylinder Sold Sep.)	## (Specify Finish)

Standard Finishes

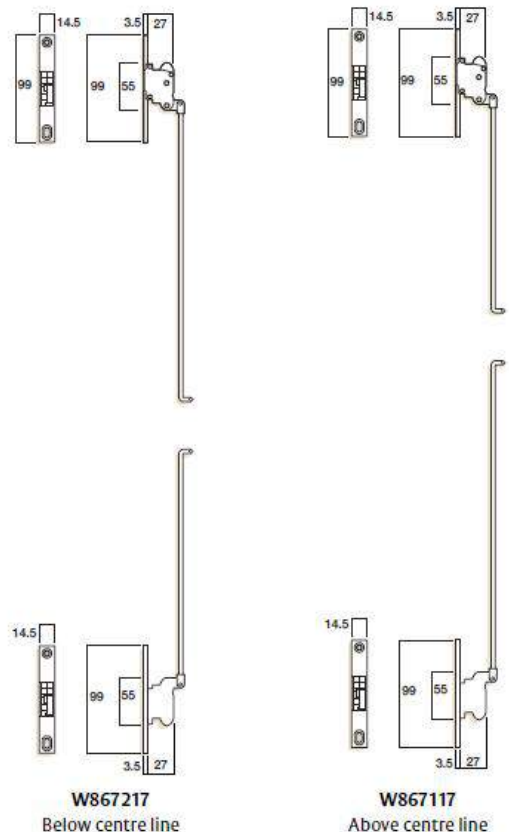
Brown 13	DP	TP
White 16	DP	TP
Black 17	DP	TP
Primrose 19		TP
Magnolia 24		TP

Non Standard Finishes

Other polyester powder coat finishes available on application.



Multi Point Kits



Keying

- Use with Whitco Euro profile lazy cam cylinder locks
- 2 x 5 pin cylinder lock
- 2 x 10 disc cylinder lock

SECURITY SCREEN DOOR HARDWARE

Security Door Locks

Whitco - Tasman MK2 Security Door Lock



- Non-Handed
- Parrot Beak Deadlock
- Automatic Latching
- Inside Snib with Key Override
- Accepts Whitco Lazy Cam Euro Cylinder
- Optional 3 Point Multi Point Kit

Product Code	Description	Finish
W8921##	Tasman MK2 - Complete with Lockbody, Furniture & Strike (Cylinder Sold Sep.)	## (Specify Finish)

Standard Finishes

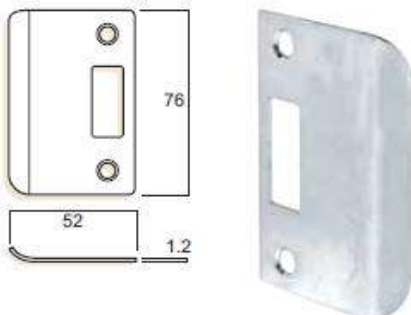
Brown 13	TP
White 16	TP
Black 17	TP
Gold Spangle 18	TP
Primrose 19	TP

Non Standard Finishes

Not available in other finishes.

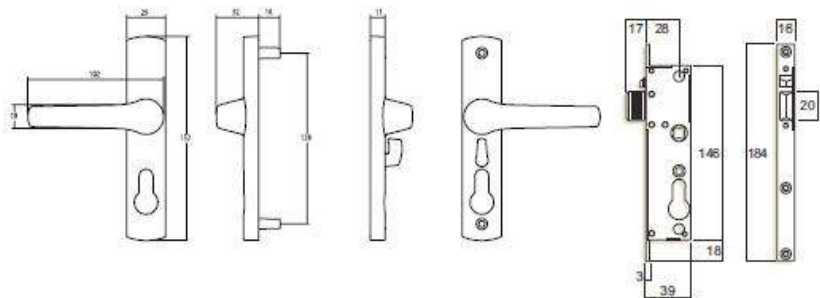
Extra Width Strike (Stainless steel)

W844500



Keying

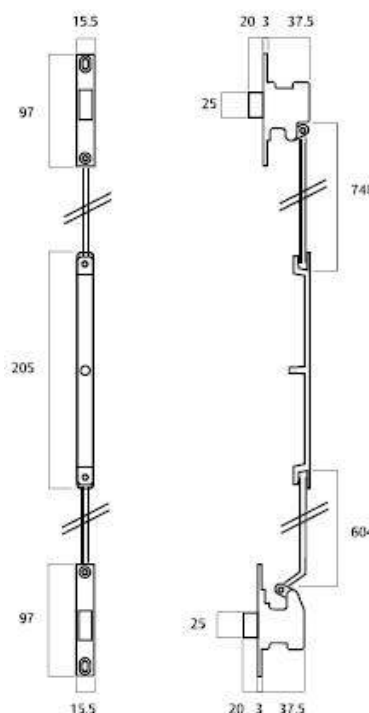
- Use with Whitco Euro profile lazy cam cylinder locks
- 2 x 5 pin cylinder lock
- 2 x 10 disc cylinder lock



Multi Point Kits

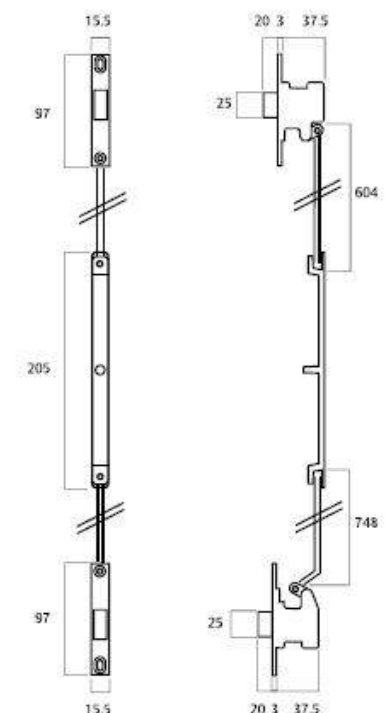
Standard Multi Point Kit
(below centre line kit)

W893117



Reversed Multi Point Kit
(above centre line kit)

W893217



SECURITY SCREEN DOOR HARDWARE

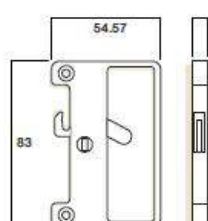
Security Door Locks

Whitco - Bass Sliding Screen Latch

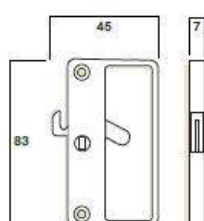


- Non-Handed
- Parrot Beak Latch
- Surface Mounted
- Can be Latching from Inside & Out
- Zinc Die Cast Handle
- Slim Low Stand Off Design

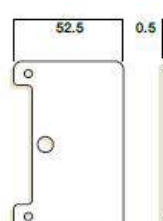
Product Code	Description	Finish
W821317	Whitco Bass Sliding Screen Latch with Std Strike, Finger Plate & Outer Pull - Black	Black
W821417	Whitco Bass Sliding Screen Latch with Std Strike & Outer Pull - Black	Black



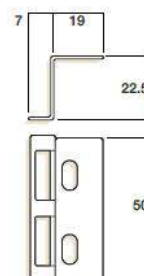
Standard Body W821517



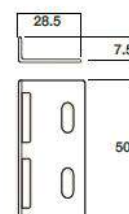
No lug body W821717



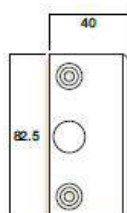
Finger Plate W822317



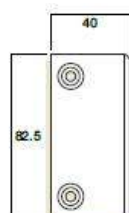
Standard strike



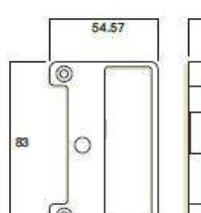
Bi-part strike W822417



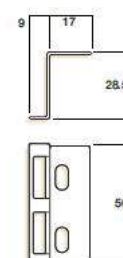
Outer pull with hole



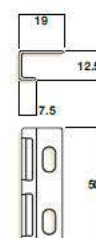
No hole outer pull W822717



Dummy body W824017
(Sold in packs of 600)



Stegbar strike W822617



Jason strike W822517

SECURITY SCREEN DOOR HARDWARE

Security Door Hardware

Whitco - Pneumatic Screen Door Closer MK2

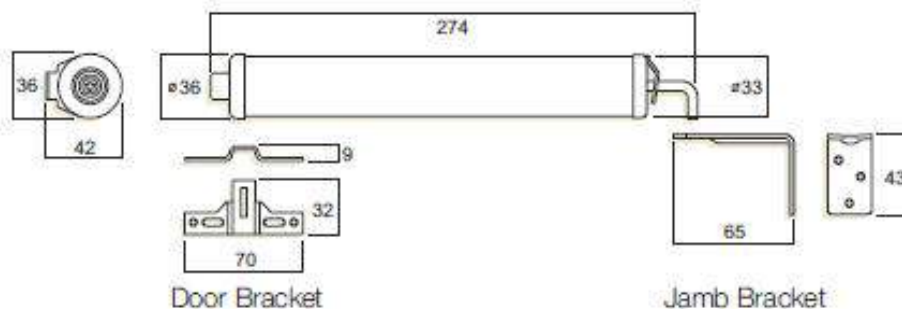


- Non-Handed
- Open Out Doors
- Hinged Screen & Security Doors
- Suitable for up to 21kg
- Adjustable Closing Speed
- Piston Rod Retaining Clip (Hold Open Function)

Product Code	Description	Finish
W8105##	Whitco Pneumatic Screen Door Closer Complete	## (Specify Finish)

Standard Finishes

Silver 11
 White 16
 Black 17
 Gold Spangle 18
 Primrose 19
 Doeskin 23
 Ranch Brown 25
 Stone Beige 28
 White Birch 41



SECURITY SCREEN DOOR HARDWARE

Security Door Hardware

Whitco - Screen Door Hinges



- Non-Handed
- Open Out Doors
- Hinged Screen & Security Doors
- Suitable for up to 21kg
- Adjustable Closing Speed
- Hold Open Bracket



Product Code	Description	Finish
W8314##	Whitco Screen Door Hinge with Steel Fixed Pin	## (Specify Finish)
W8316##	Whitco Screen Door Hinge with Steel Fixed Pin & Safety Prong	## (Specify Finish)
W831817	Whitco Screen Door Hinge with Steel Fixed Pin Step Over Version	Black

Standard Finishes

Galvanised 01

Silver 11

Brown 13

Pottery 14

White 16

Black 17

Gold Spangle 18

Primrose 19

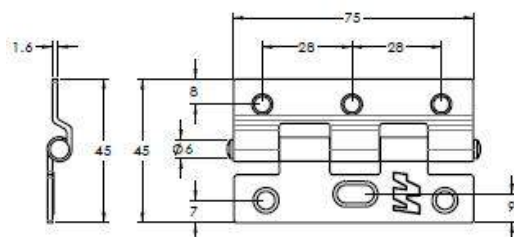
Hawthorn Green 20

Doeskin 23

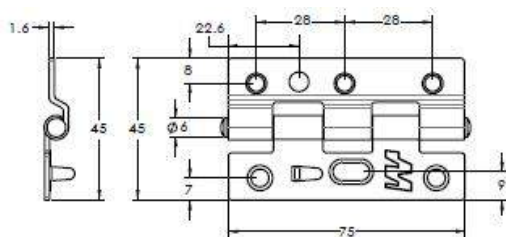
Magnolia 24

Stone Beige 28

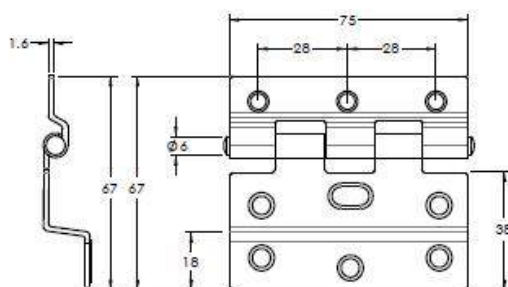
White Birch 41



W831411



W831611



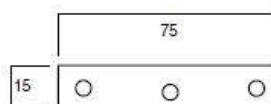
W831817

Accessories

Packer

Zinc plated 0.8mm steel packer

W831501



W831501

SECURITY SCREEN DOOR HARDWARE

Security Door Locks

Austral - SD7 Sliding Security Door Lock



SD7



- Non-Handed
- Parrot Beak Deadlock
- Self Latching
- Inside Snib with Key Override
- Multi Point Kit Available

Product Code	Description	Finish
AU-SD7/##	Austral SD7 - Complete with Lockbody, Furniture & Strike (Cylinder Sold Sep.)	## (Specify Finish)

Multipoint Kits

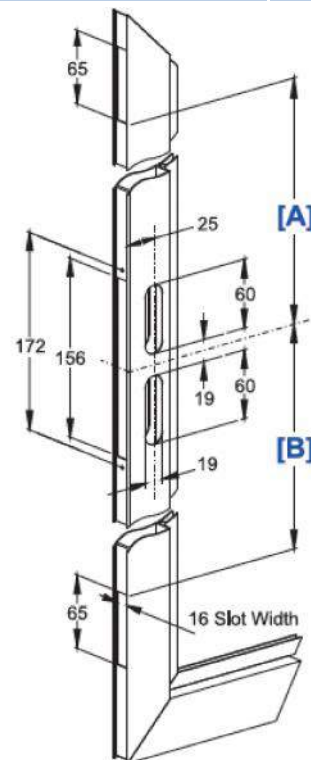
SD14Plus
Cable System
Uses steel cables that provide quiet and reliable operation. Cables are available in three standard lengths.

S14R
Rod System
Uses simple steel rods that are available in three standard lengths.

S14R-A
Adjustable Rod
Uses steel rods that can be set to any length and fixed with a special brass coupling.

	Ordering Code	Description	[A]	[B]
CABLE	SD14Plus/H	Cable operated multipoint kit for SD7 series	546mm	961mm
	SD14Plus/L	Cable operated multipoint kit for SD7 series	961mm	546mm
	SD14Plus/P	Cable operated multipoint kit for SD7 series	375mm	961mm
ROD	S14R/H	Rod operated multipoint kit for SD7 series	546mm	961mm
	S14R/L	Rod operated multipoint kit for SD7 series	961mm	546mm
	S14R/P	Rod operated multipoint kit for SD7 series	375mm	961mm
	S14R/A	Adjustable Rod multipoint kit for SD7 series	any	any

Tolerance +/- 3 mm



Accessories

AA-C4/ KA or KD
AA-G/ KA or KD
AA re-pinable double cylinder with C4 or Gainsborough compatible keyway.

AA-C4LHTT/ KA or KD
AA-C4RHTT/ KA or KD
AA cylinder with Thumbturn on inside and 5-pin C4 outside. (refer Cylinder section for details)

W2000/ KA
W2000 double wafer cylinder.

SD7-FP
SD7 'Fat Pack' to fit doors 35mm-40mm thick

Pack contains:
2 x lever coupling
1 x long snib lever (left)
1 x long snib lever (right)
2 x G8-32x2" CSK SS screws

SECURITY SCREEN DOOR HARDWARE

Security Door Locks

Austral - Elegance Hinged Door Lock



- Non-Handed
- Parrot Beak Deadlock
- Self Latching
- Inside Snib with Key Override
- Multi Point Kit Available



Product Code	Description	Finish
AU-ELXC/##	Austral Elegance - Complete with Lockbody, Furniture & Strike (Cylinder Sold Sep.)	## (Specify Finish)

Multipoint Kits

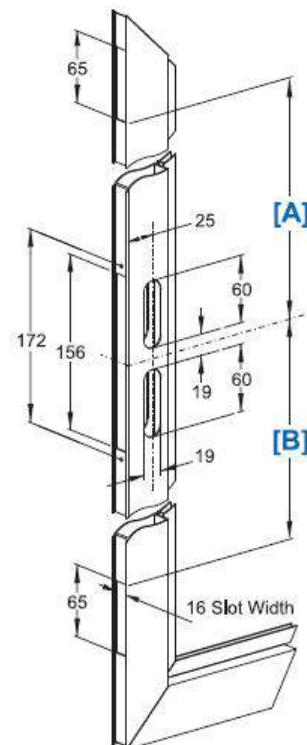
E-KIT
Cable System
 Uses steel cables that provide quiet and reliable operation. Cables are only available in standard lengths.

H14R
Rod System
 Uses simple steel rods that are only available in standard lengths.

H14R-A
Adjustable Rod
 Uses steel rods that can be set to any length and fixed with a special brass coupling.

	Ordering Code	Description	[A]	[B]
CABLE	EKIT/H	Cable operated multipoint kit for Elegance series	682mm	826mm
	EKIT/H-ST150	Cable operated multipoint kit for Elegance series	532mm	826mm
	EKIT/L	Cable operated multipoint kit for Elegance series	826mm	682mm
	EKIT/P	Cable operated multipoint kit for Elegance series	375mm	961mm
ROD	H14R/H	Rod operated multipoint kit for Elegance series	682mm	826mm
	H14R/L	Rod operated multipoint kit for Elegance series	826mm	682mm
	H14R/P	Rod operated multipoint kit for Elegance series	375mm	961mm
	H14R/A	Adjustable Rod multipoint kit for Elegance series	any	any

Tolerance +/- 3 mm



Accessories

AA-C4/ KA or KD

AA-G/ KA or KD

AA re-pinable double cylinder with C4 or Gainsborough compatible keyway.



AA-C4LHTT/ KA or KD

AA-C4RHHT/ KA or KD

AA cylinder with Thumbturn on inside and 5-pin C4 outside. (refer Cylinder section for details)



W2000/ KA

W2000 double wafer cylinder.



ELXC-FP

Elegance XC 'Fat Pack' to fit doors 35mm-40mm thick

Pack contains:
 1 x 73mm lever rod
 1 x Elegance long snib lever
 2 x G8-32x2" CSK SS screws

SECURITY SCREEN DOOR HARDWARE

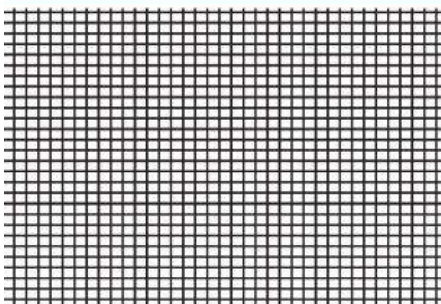
Mesh

Cyclone - Screen / Security Mesh



FIBREGLASS STANDARD INSECT SCREENING

Corrosion Resistance	★★★★★
UV Resistance	★★★★★
Strength Rating	★



IDEAL FOR
Screening windows and doors in all areas

FEATURES

- ▶ Flexible and pliable
- ▶ Impressive visibility through the screen
- ▶ Economical and easy to install
- ▶ UV stabilised to ensure a long life span

SPECIFICATIONS

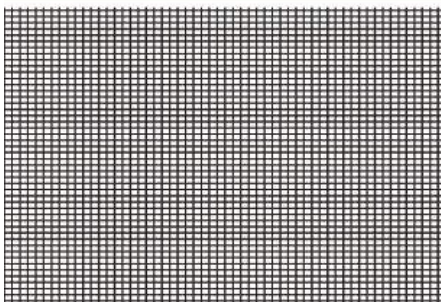
- ▶ PVC coated Fibreglass yarn
- ▶ 0.25mm diameter yarn
- ▶ 18 x 14 strands per inch

AVAILABLE IN WIDTHS

610 / 760 / 810 / 910 / 1220 / 1520 / 1830 / 2100 / 2450mm

MINIWEAVE[®] FINE FIBREGLASS MESH

Corrosion Resistance	★★★★★
UV Resistance	★★★★★
Strength Rating	★



IDEAL FOR
Screening windows and doors from small insects in tropical areas

FEATURES

- ▶ Super fine mesh size designed to keep out the smallest of insects
- ▶ Minimises glare
- ▶ Easy to install
- ▶ Will not rust, rot, shrink or stain

SPECIFICATIONS

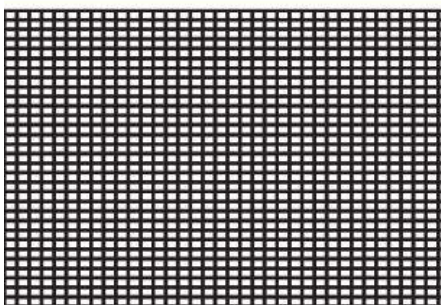
- ▶ PVC coated Fibreglass yarn
- ▶ 0.25mm diameter yarn
- ▶ 18 x 30 strands per inch

AVAILABLE IN WIDTHS

910 / 1220mm

PET MESH[™] HEAVY GAUGE POLYESTER SCREENING

Corrosion Resistance	★★★★★
UV Resistance	★★★★★
Strength Rating	★★★★★



IDEAL FOR
Screening windows and doors where pet's claws are a problem

FEATURES

- ▶ Flexible and pliable
- ▶ Will not rust, rot, shrink or stain
- ▶ Easy to install

SPECIFICATIONS

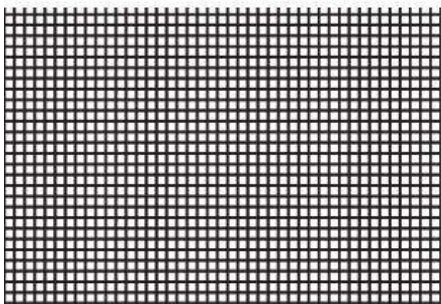
- ▶ PVC coated Polyester yarn
- ▶ 0.80mm diameter yarn
- ▶ 15 x 11 strands per inch

AVAILABLE IN WIDTHS

910 / 1220mm

DURAVIEW[™] HIGH-DENSITY POLYETHYLENE SCREENING

Corrosion Resistance	★★★★★
UV Resistance	★★★★★
Strength Rating	★★★★★



IDEAL FOR
Screening windows and doors in all areas, particularly where extra strength, durability and impressive visibility through the screen are required. Resists damage caused by pets and children. Highly suitable for coastal conditions.

FEATURES

- ▶ Strong and durable High-Density Polyethylene material
- ▶ Resistant to damage caused by pets and children
- ▶ Corrosion resistant to suit climatic and coastal conditions
- ▶ Impressive visibility through the screen
- ▶ Flexible and pliable / Easy to install

SPECIFICATIONS

- ▶ UV stabilised High-Density Polyethylene yarn
- ▶ 0.40mm diameter yarn
- ▶ 16x16 strands per inch

AVAILABLE IN WIDTHS

610 / 910 / 1220 / 1520 / 2100mm

SECURITY SCREEN DOOR HARDWARE

Mesh

Cyclone - Screen / Security Mesh



ALUMINIUM INSECT SCREENING

Corrosion Resistance	★★★★
UV Resistance	★★★★
Strength Rating	★★★

IDEAL FOR

Screening windows and doors where extra strength is required

FEATURES

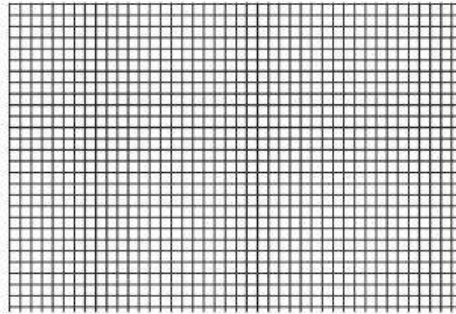
- ▶ Powder coated charcoal finish
- ▶ Easy to install
- ▶ Minimises glare

SPECIFICATIONS

- ▶ Powder coated Aluminium
- ▶ 0.23mm diameter wire
- ▶ 18 x 16 strands per inch

AVAILABLE IN WIDTHS

610 / 760 / 810 / 910 / 1070 / 1220 / 1520mm



TUFFLITE® INCREASED GAUGE POWDER COATED ALUMINIUM

Corrosion Resistance	★★★★
UV Resistance	★★★★
Strength Rating	★★★

IDEAL FOR

Screening windows and doors in tough and demanding conditions

FEATURES

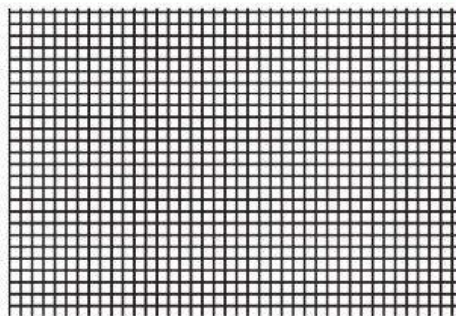
- ▶ 47% stronger than conventional screening
- ▶ Withstands damage from pets and children
- ▶ Resists extreme weather conditions

SPECIFICATIONS

- ▶ Powder coated Aluminium
- ▶ 0.28mm diameter wire
- ▶ 18 x 15 strands per inch

AVAILABLE IN WIDTHS

910 / 1220 mm



TUFFSCREEN® HEAVY GAUGE POWDER COATED ALUMINIUM

Corrosion Resistance	★★★★
UV Resistance	★★★★
Strength Rating	★★★★

IDEAL FOR

Screening windows and doors where superior toughness is required

FEATURES

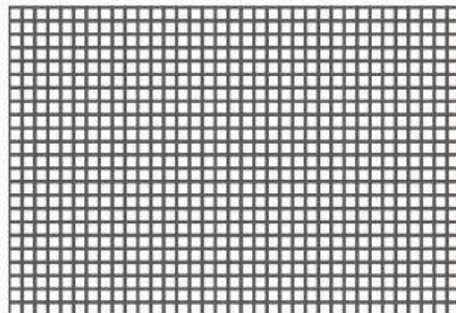
- ▶ Super thick wire diameter
- ▶ Extra tough and durable
- ▶ Resistant to damage caused by pets
- ▶ Minimises glare but maintains visibility

SPECIFICATIONS

- ▶ Powder coated Aluminium
- ▶ 0.41mm diameter wire
- ▶ 14 x 14 strands per inch

AVAILABLE IN WIDTHS

910 / 1220mm



STAINLESS STEEL DESIGNED FOR CORROSIVE CONDITIONS

Corrosion Resistance	★★★★
UV Resistance	★★★★
Strength Rating	★★★★

IDEAL FOR

Screening windows and doors in coastal areas

FEATURES

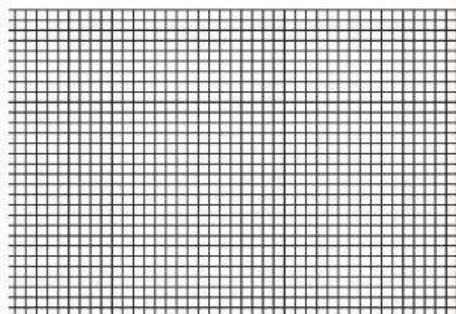
- ▶ Corrosion resistant
- ▶ Super strong Stainless Steel wire
- ▶ Black powder coated
- ▶ Fine mesh for good visibility

SPECIFICATIONS

- ▶ 316 Marine Grade Stainless Steel
- ▶ 0.18mm diameter wire
- ▶ 18 x 16 strands per inch

AVAILABLE IN WIDTHS

610 / 760 / 810 / 910 / 1070 / 1220 / 1520mm



SECURITY SCREEN DOOR HARDWARE

Mesh Cont.

Spline & Tools



Plastic Hollow
Spline

Product Code	Description	Finish
PE-SPLINE4	Spline Plastic Hollow 4mm x 300m	BLACK
PE-SPLINE5	Spline Plastic Hollow 5mm x 300m	BLACK
PE-SPLINE5.3	Spline Plastic Hollow 5.3mm x 300m	BLACK
PE-SPLINE5.7	Spline Plastic Hollow 5.7mm x 300m	BLACK
PE-SPLINE6	Spline Plastic Hollow 6mm x 300m	BLACK
PE-SPLINE6.3	Spline Plastic Hollow 6.3mm x 250m	BLACK
PE-SPLINE6.5	Spline Plastic Hollow 6.5mm x 250m	BLACK



Foam Spline

Product Code	Description	Finish
PE-FS4.0	Foam Spline 4.0mm x 500m	BLACK
PE-FS4.8	Foam Spline 4.8mm x 500m	BLACK
PE-FS5.0	Foam Spline 5.0mm x 550m	BLACK
PE-FS5.3	Foam Spline 5.3mm x 500m	BLACK
PE-FS5.7	Foam Spline 5.7mm x 450m	BLACK
PE-FS6.0	Foam Spline 6.0mm x 400m	BLACK
PE-FS6.3	Foam Spline 6.3mm x 350m	BLACK



Spline Roller Metal Body

Product Code	Description
FLYROLLER	Spline Roller Metal Body with 4mm Plastic Wheel



Spline Roller Wheels

Product Code	Description
IGS-HSBGE822964	Spline Roller Wheel 3mm Plastic - White

SEALS

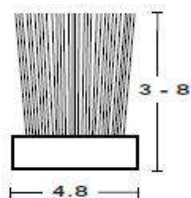
SECTION 8

- **Wool Pile** **Pg. 8.1**
- **Raven Door Bottom Seal** **Pg. 8.3**
- **Raven Frameless Door Seal** **Pg. 8.5**
- **Kilargo Door Bottom Seal** **Pg. 8.6**
- **Kilargo Frameless Door Seal** **Pg. 8.8**

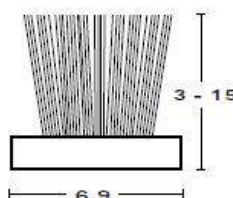
WINDOW & DOOR SEAL

Window & Door Seals

Schlegel - Wool Pile



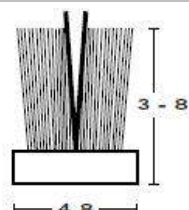
PB48 Series



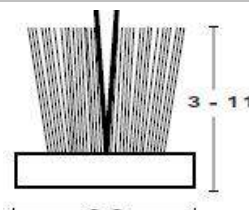
PB69 Series

Product Code	Description	Finish
SC-PB48400B/G	Pile Wool 4.8mm x 4mm x 600m	BLACK/GREY
SC-PB48475B/G	Pile Wool 4.8mm x 4.75mm x 500m	BLACK/GREY
SC-PB48500B/G	Pile Wool 4.8mm x 5mm x 500m	BLACK/GREY
SC-PB69475B/G	Pile Wool 6.9mm x 4.75mm x 450m	BLACK/GREY
SC-PB69504B/G	Pile Wool 6.9mm x 5mm x 450m	BLACK/GREY

Schlegel - Wool Pile with Fin



PBF48 Series



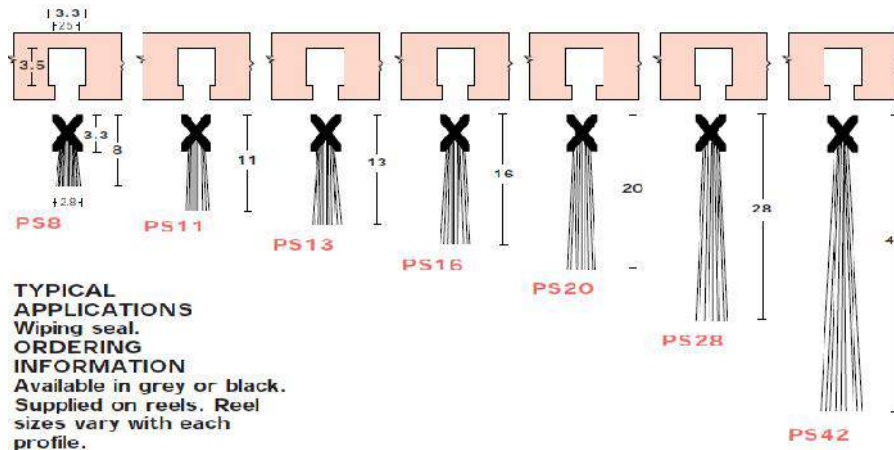
PBF69 Series

Product Code	Description	Finish
SC-PBF4837B/G	Pile Weather Stripping 4.8mm x 3.75mm x 550m with Fin	BLACK/GREY
SC-PBF48500B/G	Pile Weather Stripping 4.8mm x 5.0mm x 500m with Fin	BLACK/GREY
SC-PBF48550B/G	Pile Weather Stripping 4.8mm x 5.5mm x 450m with Fin	BLACK/GREY
SC-PBF48600B/G	Pile Weather Stripping 4.8mm x 6.0mm x 400m with Fin	BLACK/GREY
SC-PBF69374B/G	Pile Weather Stripping 6.9mm x 3.75mm x 500m with Fin	BLACK/GREY
SC-PBF695004B/G	Pile Weather Stripping 6.9mm x 5.0mm x 500m with Fin	BLACK/GREY
SC-PBF695504B/G	Pile Weather Stripping 6.9mm x 5.5mm x 400m with Fin	BLACK/GREY
SC-PBF69650B/G	Pile Weather Stripping 6.9mm x 6.5mm x 350m with Fin	BLACK/GREY

WINDOW & DOOR SEAL

Window & Door Seals

Schlegel - Fringe Pile

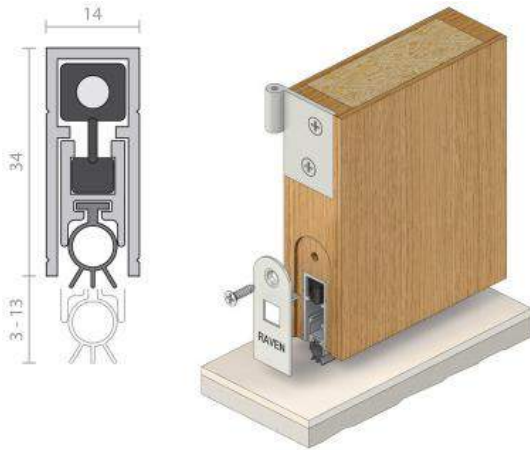


Product Code	Description	Finish
SC-PS8B/G	Schlegel Fringe Pile 8mm x 700M	BLACK/GREY
SC-PS11B/G	Schlegel Fringe Pile 11mm x 600M	BLACK/GREY
SC-PS13B/G	Schlegel Fringe Pile 13mm x 500M	BLACK/GREY
SC-PS16B/G	Schlegel Fringe Pile 16mm x 500M	BLACK/GREY
SC-PS20B/G	Schlegel Fringe Pile 20mm x 300M	BLACK/GREY
SC-PS28B/G	Schlegel Fringe Pile 28mm x 100M	BLACK/GREY
SC-PS42B/G	Schlegel Fringe Pile 42mm x 150M	BLACK/GREY

WINDOW & DOOR SEAL

Door Seals

Raven - Automatic Bottom Door Seals

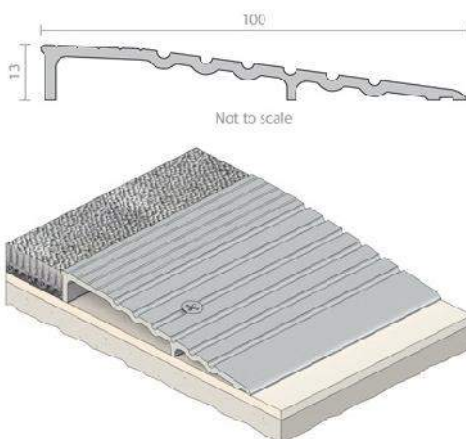


- Acoustic, Fire & Smoke Seal
- Suit Single & Double Hinged Doors
- Suit Timber and Aluminium
- Min/Max Gap: 3mm to 13mm
- Acoustic, Fire & Smoke Seal
- **Seal Sizes:** 380mm, 600mm, 820mm, 920mm, 1070mm, 1220mm

Product Code	Description	Std Finish	Other Finishes
RP-8si/##/##	Raven Automatic Bottom Door Seal #(Specify Length) / #(Specify Finish)	C/A	BLK / PPC

* FULL RANGE OF RAVEN AUTOMATIC DOOR SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

Raven - Threshold Plates



- Approved for Fire Doors
- Wheel Chair Access
- Suit Timber and Aluminium
- Acoustic, Fire & Smoke Seal
- **Seal Sizes:** 1000mm - 3000mm (Sizes in 250mm Increments)

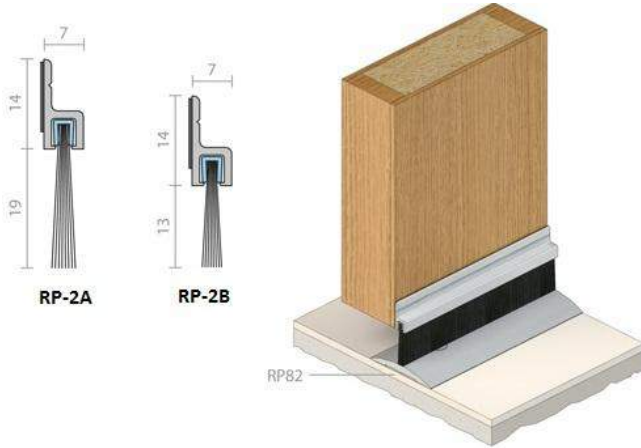
Product Code	Description	Std Finish	Other Finishes
RP-77/###	Raven Threshold Plate #(Specify Length)	C/A	Bronze

* FULL RANGE OF RAVEN THRESHOLD PLATES AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

WINDOW & DOOR SEAL

Door Seals

Raven - Brush Door Seals

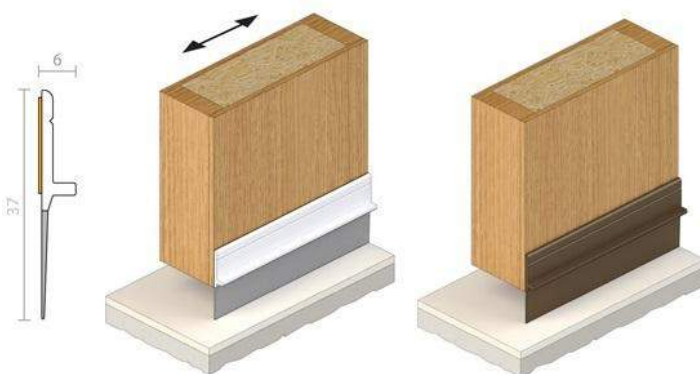


- Bug Strip Seal
- Suit Single, Double Hinged Doors, Sliding Doors
- Suit Timber and Aluminium
- Min/Max Gap: Up to 19mm
- **Seal Sizes:** 1000mm, 1250mm, 2000mm, 2250mm, 2500mm, 3000mm

Product Code	Description	Std Finish	Other Finishes
RP-2#/#/#/#	Raven Brush Strip Seal #(Specify Type) #(Specify Length) #(Specify Finish)	C/A	Brnze/ PPC

* FULL RANGE OF RAVEN BRUSH DOOR SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

Raven - Sweep Seal



- Bug Strip Seal
- Suit Single, Double Hinged Doors, Great for Sliding Doors
- Suit Timber and Aluminium
- Min/Max Gap: Up to 15mm
- **Seal Sizes:** 1000mm, 3000mm

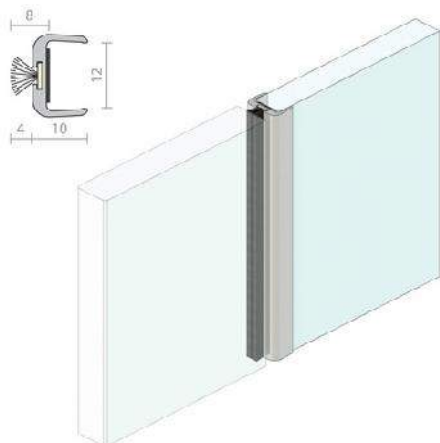
Product Code	Description	Finish
RP-17b/#/#/#	Raven Bottom Door Sweep Seal #(Specify Length) #(Specify Finish)	White, Grey, Brown

* FULL RANGE OF RAVEN SWEEP SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

WINDOW & DOOR SEAL

Door Seals

Raven - Meeting Stile Seals (Frameless Glass)

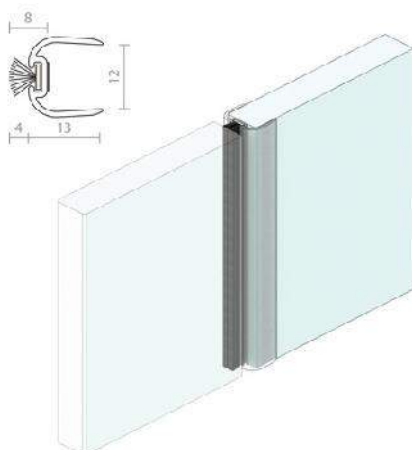


- Bug Strip Seal
- Suit Single, Double Hinged Doors, Sliding Doors
- Suit 12mm Frameless Glass
- Min/Max Gap: 8mm to 9mm
- Clear Anodised Astragal
- **Seal Sizes:** 2500mm, 3000mm

Product Code	Description	Finish
RP-79/##	Raven Frameless Glass Door Seal #(Specify Length)	C/A

* FULL RANGE OF RAVEN MEETING STILE SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

Raven - Meeting Stile Seals (Frameless Glass)



- Bug Strip Seal
- Suit Single, Double Hinged Doors, Sliding Doors
- Suit 12mm Frameless Glass
- Min/Max Gap: 7mm to 8mm
- Clear Polycarbonate Astragal
- **Seal Sizes:** 3000mm

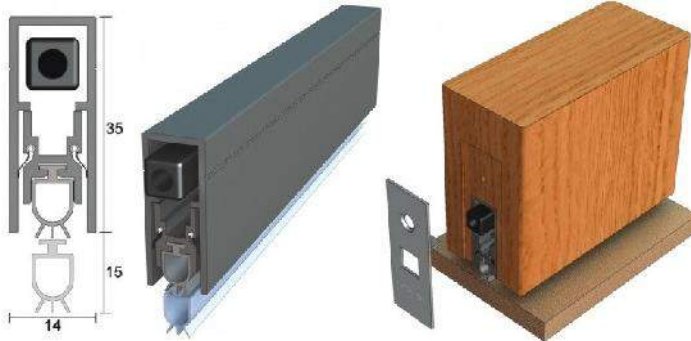
Product Code	Description	Finish
RP-104/3000	Raven Frameless Glass Polycarbonate Door Seal to suit 12mm Glass 3000mm	Clear

* FULL RANGE OF RAVEN MEETING STILE SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

WINDOW & DOOR SEAL

Door Seals

Kilargo - Automatic Bottom Door Seals



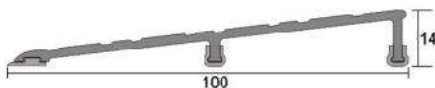
- Acoustic, Fire & Smoke Seal
- Suit Single & Double Hinged Doors
- Suit Timber and Aluminium
- Min/Max Gap: 3mm to 15mm
- Acoustic, Fire & Smoke Seal
- **Seal Sizes:** 380mm, 600mm, 820mm, 920mm, 1070mm, 1220mm

Product Code	Description	Std Finish	Other Finishes
LO-IS8010si/##/##	Kilargo Automatic Bottom Door Seal #(Specify Length) / #(Specify Finish)	C/A	BLK / PPC

* CUSTOM SIZES UP TO 1500MM AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

* FULL RANGE OF KILARGO AUTOMATIC DOOR SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

Kilargo - Threshold Plates



- Approved for Fire Doors
- Wheel Chair Access
- Suit Timber and Aluminium
- Acoustic, Fire & Smoke Seal
- **Seal Sizes:** 1000mm - 5000mm (Sizes in 250mm Increments)

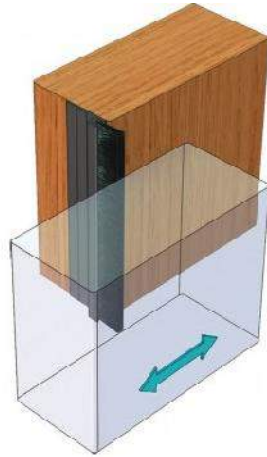
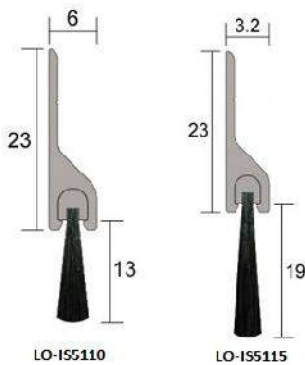
Product Code	Description	Std Finish	Other Finishes
LO-IS4070/##	Kilargo Threshold Plate #(Specify Length)	C/A	Bronze

* FULL RANGE OF RAVEN THRESHOLD PLATES AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

WINDOW & DOOR SEAL

Door Seals

Kilargo - Brush Door Seals

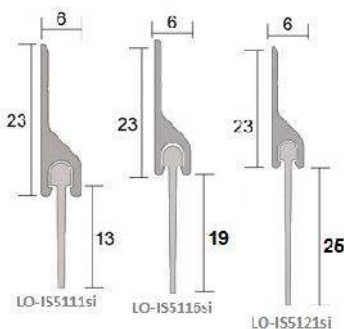


- Bug Strip Seal
- Suit Single, Double Hinged Doors, Sliding Doors
- Suit Timber and Aluminium
- Min/Max Gap: Up to 19mm
- **Seal Sizes:** 1000mm - 3000mm (Sizes in 250mm Increments)

Product Code	Description	Std Finish	Other Finishes
LO-IS511#/##/##	Kilargo Brush Strip Seal #(Specify Type) #(Specify Length) #(Specify Finish)	C/A	Brnze/ PPC

* FULL RANGE OF KILARGO BRUSH DOOR SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

Kilargo - Sweep Seal



- Bug Strip Seal
- Suit Single, Double Hinged Doors, Great for Sliding Doors
- Suit Timber and Aluminium
- Min/Max Gap: Up to 24mm
- **Seal Sizes:** 1000mm - 5000mm (Sizes in 250mm Increments)

Product Code	Description	Std Finish	Other Finishes
LO-IS511#/##/##	Kilargo Sweep Strip Seal #(Specify Type) #(Specify Length) #(Specify Finish)	C/A	Brnze/ PPC

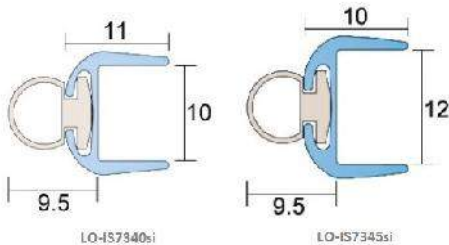
* YOU MUST SPECIFY 'BLACK' SILICONE FIN ON ORDER IF REQ. STD FIN COLOUR IS GREY

* FULL RANGE OF RAVEN SWEEP SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

WINDOW & DOOR SEAL

Door Seals

Kilargo - Meeting Stile Seals (Frameless Glass)

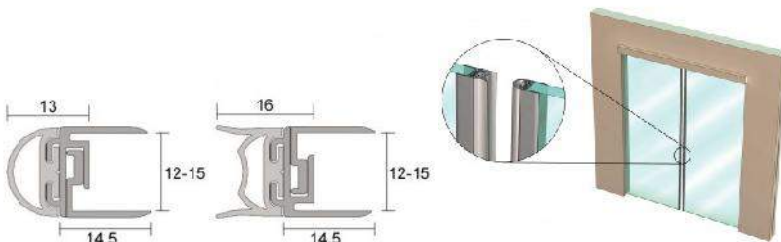


- Bulb Strip Seal
- Suit Single, Double Hinged Doors, Sliding Doors
- Suit 10/12mm Frameless Glass
- Min/Max Gap: 7mm to 9mm
- Clear Anodised Astragal
- **Seal Sizes:** 1000mm - 3000mm (Sizes in 250mm Increments) **2250mm** Standard

Product Code	Description	Finish
LO-IS734#si	Kilargo Frameless Glass Door Seal(Grey) #(Specify Length)	Clear

* FULL RANGE OF RAVEN MEETING STILE SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

Kilargo- Meeting Stile Seals (Frameless Glass)



- Sliding Door Bulb Seal
- Suit 12-15mm Frameless Glass
- Min/Max Gap: Dependant on Application
- Clear Anodised Astragal with Grey Gasket
- **Seal Sizes:** 1000mm - 3000mm (Sizes in 250mm Increments) **2250mm** Standard

Product Code	Description	Finish
LO-IS7300si##	Kilargo Frameless Glass Door Seal Set #(Specify Length)	C/A

* FULL RANGE OF KILARGO MEETING STILE SEALS AVAILABLE - SPEAK TO OUR FRIENDLY STAFF FOR MORE INFO

CONSUMABLES

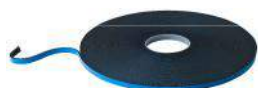
SECTION 9

- **Tapes** **Pg. 9.1**
- **Polyurethane** **Pg. 9.3**
- **Silicones** **Pg. 9.5**
- **Putty, Cleaners & Setting Block** **Pg. 9.11**
- **Pet Doors & Glazing Tools** **Pg. 9.14**

CONSUMABLES

Tapes

Double Sided Tapes



Product Code	Description	Box Qty
V2204-0009	Thermalbond Glazing Tape Double Sided 9mm x 3.2mm x 15.2m	24 Rolls
V2204-0012	Thermalbond Glazing Tape Double Sided 12mm x 3.2mm x 15.2m	18 Rolls
V2206-0009	Thermalbond Glazing Tape Double Sided 9mm x 4.8mm x 15.2m	24 Rolls
V2206-0012	Thermalbond Glazing Tape Double Sided 12mm x 4.8mm x 15.2m	18 Rolls
V2208-0009	Thermalbond Glazing Tape Double Sided 9mm x 6.4mm x 15.2m	24 Rolls
V2208-0012	Thermalbond Glazing Tape Double Sided 12mm x 6.4mm x 15.2m	18 Rolls

* Other Sizes Available



Product Code	Description	Box Qty
VT-616/012	Tape Double Sided Mirror 12mm x 1.6mm x 33m	24 Rolls
BL-1607H-0018	Foamlink 1607H+ Tape Double Sided Mirror 18mm x 1.6mm x 33m	17 Rolls
BL-1607H-0024	Foamlink 1607H+ Tape Double Sided Mirror 24mm x 1.6mm x 33m	13 Rolls

Single Sided Tapes

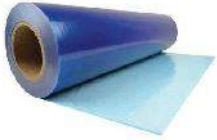


Product Code	Description	Box Qty
V2104SS-0040	Thermalbond Glazing Tape Single Sided 40mm x 3.2mm x 15.2m	72 Rolls
V2108SS-0040	Thermalbond Glazing Tape Single Sided 40mm x 6.4mm x 15.2m	24 Rolls
V2112SS-0040	Thermalbond Glazing Tape Single Sided 40mm x 9.5mm x 7.6m	12 Rolls

CONSUMABLES

Tapes

Protection Tapes



Product Code	Description	Colour
WR-9M500610100BU	Protection Film 610mm x 100m x 50um	BLUE
WR-9M500610200BU	Protection Film 610mm x 200m x 50um	BLUE
WR-9M501220100BU	Protection Film 1220mm x 100m x 50um	BLUE
WR-9M501220200BU	Protection Film 1220mm x 200m x 50um	BLUE



Product Code	Description	Box Qty
WR-9PROT2490BL	Protection Tape PVC 24mm x 90m - Black	72 Rolls
WR-9PROT4890BL	Protection Tape PVC 48mm x 90m - Black	24 Rolls
WR-9PROT7290BL	Protection Tape PVC 72mm x 90m - Black	12 Rolls
WR-9PROT9690BL	Protection Tape PVC 96mm x 90m - Black	12 Rolls

Masking Tape And Cloth Tape



Product Code	Description	Box Qty
WR-8M1830018PC	Masking Tape M183 Plain Core 18mm x 50m - Black	96 Rolls
WR-8M1830024PC	Masking Tape M183 Plain Core 24mm x 50m - Black	72 Rolls
WR-8M1830036PC	Masking Tape M183 Plain Core 36mm x 50m - Black	48 Rolls
IGS-PC80G-48L	Cloth Tape 48MM x 25M - Blue	30 Rolls

CONSUMABLES

Polyurethane

Sika - Sikaflex Polyurethane



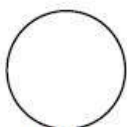
- Used in a wide range of applications
- Excellent adhesion to a number of surfaces
- High Durability
- Good Weathering Resistance
- Short Skinning Time



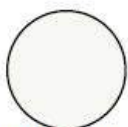
Product Code	Description	Box Qty
SI-PROS020#	Sikaflex Pro Polyurethane Sausage 600ml #(Specify Colour)	20

- Good weather resistance
- High durability
- Short skin time
- Multipurpose
- Low VOC
- Potable water certified
- Non-sag on vertical joints
- Non-corrosive
- Excellent adhesion to all common building materials
- Remains permanently flexible

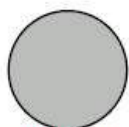
Colour Range:



'White #05'



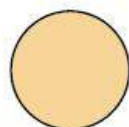
'Off White #05A'



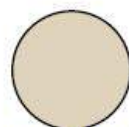
'Con.Grey #04'



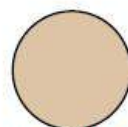
'D.Grey #04DG'



'Sandstone #07'



'Japan Beige #01'



'Pale Brown #06'



'Redwood #08'



'Brick Red #09'



'Dark Amber #03'



'Black #02'

* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Polyurethane

Bostik - Seal'n'flex Polyurethane



- Used in a wide range of applications
- Excellent adhesion to a number of surfaces
- High Durability
- Good Weathering Resistance
- Short Skinning Time

Product Code	Description	Box Qty
BO-Seal N Flex ####	Bostik Seal N Flex Polyurethane Sausage 720g - ####(Specify Colour)	20

COVERAGE

The coverage below is the approximate lineal metre coverage per pack size.

SIZE	6mm x 6mm	10mm x 10mm	20mm x 10mm
300ml	8.3	3	1.5
600ml	16.7	6	3

Calculation formula $\frac{W \times D \times L}{1000} = \text{Litres}$

W = Width(mm) D = Depth(mm) L = Length(metres)

Colour Range:

Seal N Flex 1		
White	Sandstone	Bronze
Off White	Redwood	Black
Classic Bone	Limestone	
Bahama Beige	Grey	
Manilla Sand	Epping Grey	

* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Silicones

Dow Corning - 680 Sanitary Silicone



- Neutral Cure Sanitary Silicone
- Excellent Adhesion
- Mould Resistant
- Great for Wet Areas

Product Code	Description	Box Qty
DC-680###	Dow Corning 680 Silicone Cartridge 300ml ###(Specify Colour)	24

Colour Range:



Dow Corning - 688 Glazing Silicone



- Neutral Cure Glazing Silicone
- Wide Range Glazing Uses
- Strong & Flexible
- Weatherproof

Product Code	Description	Box Qty
DC-688###	Dow Corning 688 Silicone Cartridge 300ml ###(Specify Colour)	24

Colour Range:



* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Silicones

Dow Corning - 791 Premium Silicone



- Neutral Cure Sanitary Silicone
- Premium Weather sealing
- Wide Range Glazing Uses
- Great for Movement Joints

Product Code	Description	Box Qty
DC-791###	Dow Corning 791 Silicone Cartridge 300ml ###(Specify Colour)	24

Colour Range:



Black 'BLK'



Light Grey 'GRY'



White 'WH'

Dow Corning - 795 Structural Silicone



- High Performance Structural Glazing & Weatherproofing
- Excellent Adhesion
- Available in Sausages

Product Code	Description	Box Qty
DC-795BLK	Dow Corning 795 Silicone Cartridge 300ml - Black	20

Dow Corning - 995 Structural Silicone



- High Tensile Strength
- Forms Watertight Bond
- Excellent Adhesion & Flexibility
- Available in Sausages

Product Code	Description	Box Qty
DC-995BLK	Dow Corning 995 Silicone Cartridge 300ml - Black	12

* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Silicones

Bostik - 6S Sanitary Silicone



- Neutral Cure Sanitary Silicone
- Excellent Adhesion
- Mould Resistant
- Great for Wet Areas

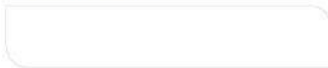
Product Code	Description	Box Qty
BO-'#####'	Bostik Z Bond 6S Sanitary Silicone Cartridge #(Specify Colour)	15

Colour Range:

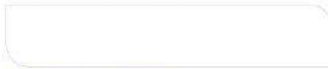
ZBond 6S



Translucent - '662000'



Gloss White - '326437'



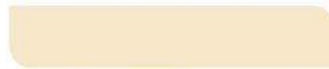
Matt White - '662010'



Antique White - '341223'



Titanium Off White - '313521'



Almond Ivory - '661990'



Mid Grey - '326402'



Ceramic Ivory - '326445'



Sandstone - '327166'



Silver Ash - '283967'



Beige Sand - '328421'



Charcoal - '292885'



Pewter - '283975'



Taupe - '341231'

Bostik - 8S Sanitary Silicone



- Acetic Cure Sanitary Silicone
- Excellent Adhesion
- Mould Resistant
- Fights Discolouring

Product Code	Description	Box Qty
BO-'#####'	Bostik Z Bond 8S Sanitary Silicone Cartridge #(Specify Colour)	15

Colour Range:

ZBond 8S



Translucent - '662020'



White - '662030'

* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Silicones

Bostik - 616 General Glazing Silicone



- Neutral Cure Glazing Silicone
- Good Adhesion to Surfaces
- Excellent Weather sealing
- UV Resistant

Product Code	Description	Box Qty
BO-'#####'	Bostik Z Bond 616 Silicone Cartridge #(Specify Colour)	15

Colour Range:

ZBond 616



Translucent - '661970'



White - '661980'



Off White - '661920'



Primrose - '661930'



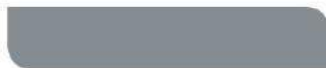
Sandstone - '326216'



Stone Beige - '661960'



Light Grey - '661890'



Dark Grey - '326038'



Slate Grey - '661950'



Matt Black - '661870'

Bostik - V60 Architectural Grade Silicone



- Neutral Cure Silicone
- Excellent Adhesion
- Premium Weatherproofing
- Excellent for Structural Glazing

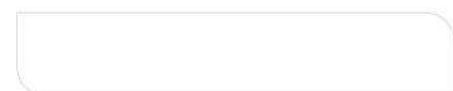
Product Code	Description	Box Qty
BO-'#####'	Bostik V60 High Performance Silicone Cartridge #(Specify Colour)	15

Colour Range:

Zbond V60



Translucent - '309470'



White - '309480'



Silver - '661510'



Grey - '315670'



Black - '314690'

* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Silicones

Bostik - V70 Structural Silicone



- High Strength Adhesion
- Ideal for Structural Glazing
- Excellent Weather sealing
- UV Stable

Product Code	Description	Box Qty
BO-661570	Bostik V70 Premium Grade Structural Silicone Cartridge Black	15

Colour Range:

Zbond V70

Black - '661570'

Bostik - 5CLM Silicone



- Neutral Cure Silicone
- High Joint Movement Silicone
- Low Modulus
- Excellent for use on Facades

Product Code	Description	Box Qty
BO-'#####'	Bostik 5CLM Low Modulus Silicone Cartridge #(Specify Colour)	15

Colour Range:

5CLM

White - '661560'

Dark Grey - '321730'

Charcoal - '661540'

Light Grey - '331376'

Beige - '661530'

* Please Note: Printed colours may vary from actual colour

CONSUMABLES

Silicones

Bostik - Gap Filler



- Paintable After 2hrs
- Skins with-in 15min
- Interior & Exterior Use

Product Code	Description	Box Qty
BO-380245	Bostik Gap Filler/Seal Cartridge White	20

Sika - Sika Boom



- Fast Curing Expanding Foam
- Can be Used as a Fixing and Insulating Foam
- Can be Cut, Sanded & Painted

Product Code	Description	Box Qty
SI-78109	Sika Boom 'G' High Yield Gun Foam 750ml (Suit Gun Applicator)	12
SI-RBOOM500ML	Sika Boom 'AP' High Yield Foam 500ml Can	12
SI-RBOOM750ML	Sika Boom 'AP' High Yield Foam 750ml Can	12

CONSUMABLES

Putty, Cleaners & Setting Block

Putty's



Product Code	Description	Size
CON-PUTTSTEEL10	Conway Putty Steel	10kg
CON-PUTTSTEEL20	Conway Putty Steel	20kg



Product Code	Description	Size
CON-PUTTWOOD400	Conway Putty Wood	400g
CON-PUTTWOOD175	Conway Putty Wood	1.75kg
CON-PUTTWOOD5	Conway Putty Wood	5kg
CON-PUTTWOOD10	Conway Putty Wood	10kg
CON-PUTTWOOD20	Conway Putty Wood	20kg



Product Code	Description	Size
CON-PUTTLIGHT400	Conway Putty Leadlight	400g

Metho & Cleaners



Product Code	Description	Size
METHO/20L	Methylated Spirit	20lt



Product Code	Description	Size
PCP-MIRRORIMAGE1	Glass Cleaner	1lt
PCP-MIRRORIMAGE5	Glass Cleaner	5lt
PCP-MIRRORIMAGE20	Glass Cleaner	20lt

CONSUMABLES

Putty, Cleaners & Setting Block

Metho & Cleaners Cont.



Product Code	Description	Size	Box Qty
IGS-HSBGEGC	Glass Cleaner Aerosol	500g	12



Product Code	Description	Size	Box Qty
SI-61841	Sika Boom Cleaner 500ml	500ml	12



Product Code	Description	Size
HO-TP200##	Touch Up Paint - # (Specify Colour)	200g

* Full Range of Powdercoat Colours Available - Please contact our Friendly staff for full Colour list

Setting Block & Packers



Product Code	Description	Pack Qty
MF-MCSB15	Setting Block 1.5mm x 10mm - Clear	100
MF-MCSB310	Setting Block 3mm x 10mm - Clear	100
MF-MCSB510	Setting Block 5mm x 10mm - Clear	100
MF-MCSB1012	Setting Block 10mm x 12mm - Clear	100

CONSUMABLES

Putty, Cleaners & Setting Block

Setting Block & Packers Cont.



Product Code	Description	Pack Qty
FP-01150800	Setting Block 10mm x 3mm - Black	1000
FP-01160800	Setting Block 10mm x 5mm - Black	1000
FP-0118080012MM	Setting Block 10mm x 12mm - Black	500
FP-0118080014MM	Setting Block 12mm x 14mm - Black	500



Product Code	Description	Roll Size
FP-01150800ST	Setting Block 10mm x 3mm - Black	300m
FP-01160800ST	Setting Block 10mm x 5mm - Black	200m
FP-0118080012MMCS	Setting Block 10mm x 12mm - Black	75m
FP-01180800	Setting Block 12mm x 14mm - Black	50m



Product Code	Description	Pack Qty
IGS-EE02	Horseshoe Packer 75mm x 37mm x 3.2mm	200
IGS-EE03	Horseshoe Packer 75mm x 37mm x 5mm	200
IGS-EE04	Horseshoe Packer 75mm x 37mm x 6.4mm	200
IGS-EE05	Horseshoe Packer 75mm x 37mm x 10mm	100

CONSUMABLES

Pet Doors & Glazing Tools

Dog & Cat Doors



Product Code	Description
IGS-CAT-DOOR	Transcat Cat Door - Clear
IGS-DOG-DOOR	Transcat Dog Door - Clear

Glazing Tools & Accessories



Product Code	Description
IGS-VL8P	Woods Vacuum Lifter Power Grip With Lexan Handle 57kg Max.



Product Code	Description	Box Qty
IGS-GGL106-M	Gloves Green Grippa Size - M	120
IGS-GGL106-L	Gloves Green Grippa Size - L	120



Product Code	Description	Box Qty
IGS-FTC1P	Toyo Self Lubricating Glass Cutter - Small Head	6
IGS-FTC1S	Toyo Self Lubricating Glass Cutter - Large Head	6



Product Code	Description	Box Qty
SB-30-112D	Sterling Single Edge Razor Blades Dispenser	100

* Full Range of Glazing Tools and Accessories Available. If what you require is not listed ask our friendly staff for more information.

TRACK SYSTEMS

SECTION 10

- **Brio Bifolds & Straight Sliding** Pg. 10.1
- **Brio Multidirectional** Pg. 10.2
- **Brio Screening** Pg. 10.2



Distributors of Hardware to the Window, Door & Glazing Industry

TRACK SYSTEMS

Brio Track Systems

Exterior Folding



* Full Range of Brio Folding Systems Available. If what you require is not listed ask our friendly staff for more information.

Brio®

	Max Panel Weight	Max Panel Width	Max Panel Height	Min Panel Thickness	Max Number of Panels
Louvrefold 25	25kg	900mm	2400mm	30mm	6 each way
Screenfold 25	25kg	900mm	2400mm	19mm	6 each way
Shutterfold 25	25kg	900mm	2400mm	35mm	6 each way
Weatherfold 4s Servery 25	25kg	650mm	1800mm	35mm	2 each way
Weatherfold 4s Window 25	25kg	1000mm	1800mm	35mm	6 each way
Weatherfold 4s 50F	50kg	1000mm	3300mm	35-68mm	4 each way
Weatherfold 4c 75	75kg	1000mm	3300mm	35mm	8 each way
Weatherfold 4s 50-100	100kg	1000mm	3300mm	35-68mm	8 each way
Weatherfold 4s 150	150kg	1200mm	4000mm	44-68mm	8 each way

Straight Sliding Top Hung



Brio®

	Max Panel Weight	Max Panel Width	Max Panel Height	Min Panel Thickness	Number of Panels	Min Panel Width
Single Run 60	60kg	1500mm	2400mm	16mm	-	-
Single Run 80	80kg	1500mm	3000mm	19mm	-	-
Zero Clearance 80	80kg	1500mm	3000mm	35mm	-	-
Zero Clearance Glass 80	80kg	1500mm	3000mm	10-12mm	-	-
Open Round Rail Glass 100	100kg	2000mm	3000mm	8-12mm	-	-
Open Round Rail Timber 100	100kg	2000mm	3000mm	35-44mm	-	-
Single Run 120	120kg	1500mm	3000mm	19mm	-	-
	120kg	1500mm	3000mm	35mm	-	-

	Max Panel Weight	Max Panel Width	Max Panel Height	Min Panel Thickness	Number of Panels	Min Panel Width
Zero Clearance Glass 120	120kg	1500mm	3000mm	10-12mm	-	-
Open Square Rail Timber 150	150kg	2000mm	3000mm	35-44mm	-	-
Single Run 180	180kg	2500mm	3000mm	35mm	-	-
Zero Clearance 180	180kg	2000mm	3500mm	35mm	-	-
Zero Clearance Glass 180	180kg	1500mm	3000mm	10-12mm	-	-
Single Run 200	200kg	4000mm	3000mm	35-48mm	-	-
Single Run 300	300kg	3600mm	3000mm	43-57mm	-	-
Single Run 350	350kg	2500mm	3300mm	35mm	-	-
Zero Clearance 350	350kg	2500mm	4000mm	35mm	-	-
Single Run 800	800kg	4200mm	3000mm	43-57mm	-	-

TRACK SYSTEMS

Brio Track Systems

Multidirectional Systems



*** Full Range of Brio Multidirectional Systems Available.**
If what you require is not listed ask our friendly staff for more information.

Brio®

Specification:

Max Panel Weight: 200Kg

Max Panel Width: 900mm

Max Panel Height: 6000mm

Min Panel Thickness: 35mm

Stackadoor 200

Application

Stackdoor 200 is designed for interior and exterior stacking panels in both residential and commercial applications. Panels of up to 200kg in weight can be stacked 90° or parallel to the opening. Each panel is supported by two hangers which can negotiate 45°, 135° and swept 90° switches in custom made stacking bays to suit the application on one or either side of the opening. Floor channel is not necessary as each panel is secured into position by flush bolts and locks.

612 Retractable Screen

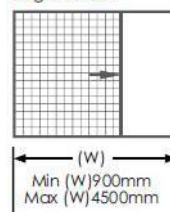
Brio 612 Retractable Pleated Insect Screen Standard Sizes

Width - screen reduces in width to the size of the next smallest screen, eg. a 3600mm wide screen can be installed in an opening that is between 2700mm-3600mm wide. Height - each screen can be cut down by up to 200mm. Aluminium sections available in powdercoat Black, Silver and White.

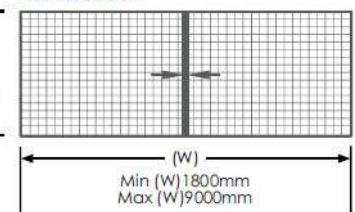
Brio®



Single Screen



Double Screen



Double Screen

		Width Range mm					
		900 - 1100	1100 - 1500	1500 - 2000	2000 - 2700	2700 - 3600	3600 - 4500
Height Range mm	3000 - 3200	•	•	•	•	•	•
	2800 - 3000	•	•	•	•	•	•
	2600 - 2800	•	•	•	•	•	•
	2400 - 2600	•	•	•	•	•	•
	2200 - 2400	•	•	•	•	•	•
	2000 - 2200	•	•	•	•	•	•
	1800 - 2000	•	•	•	•	•	•
	1600 - 1800	•	•	•	•	•	•
	1400 - 1600	•	•	•	•	•	•
	1200 - 1400	•	•	•	•	•	•
		1800 - 2200	2200 - 3000	3000 - 4000	4000 - 5400	5400 - 7200	7200 - 9000
Height Range mm	3000 - 3200	•	•	•	•	•	•
	2800 - 3000	•	•	•	•	•	•
	2600 - 2800	•	•	•	•	•	•
	2400 - 2600	•	•	•	•	•	•
	2200 - 2400	•	•	•	•	•	•
	2000 - 2200	•	•	•	•	•	•
	1800 - 2000	•	•	•	•	•	•
	1600 - 1800	•	•	•	•	•	•
	1400 - 1600	•	•	•	•	•	•
	1200 - 1400	•	•	•	•	•	•
		1000 - 1200	800 - 1000	600 - 800			
Height Range mm	1000 - 1200	•	•	•			
	800 - 1000	•	•	•			
	600 - 800	•	•	•			

*** Ask our friendly staff for more information.**