

HENDERSON



SECUREFOLD

The ultimate exterior folding door hardware system



HENDERSON

Window to the world

P C Henderson's Securefold system offers the very best in exterior folding door hardware systems to securely open up a room to the outside world.

Securefold has been designed and tested to over 100,000 cycles by our in-house experts to enable you to open up your exterior walls with confidence and enjoy a true indoor-outdoor experience. The system operated with effortless ease and combines all the aesthetic benefits of folding timber doors with the additional advantage of uncompromising security, weather resistance and durability.

As a commitment to making the specification process as easy as possible for our customers - our research and development team have developed an online tool called Securefold Specifier. The tool can be used to quickly build a bill of materials or request a quotation for any Securefold project - simply enter a few details and the software will immediately calculate the parts required.



Securefold offers a wide range of essential benefits which makes it one of the safest and most convenient folding door solutions on the market.

It looks great - the system is available in four different hinge options and a range of stunning finishes including satin, chrome, gold and black - meaning it can complement existing hardware and virtually any colour scheme.

It's durable - with most working parts made from 316 stainless steel as well as an anodised aluminium track and testing certification to over 100,000 cycles - the system offers an unprecedented working life, particularly in coastal areas.

It's easy to install - comprehensive fitting instructions are supplied with every pack and our Technical Support Team can help with any query you may have. We can also supply a hinge fitting jig upon request.

It's weather resistant - the system comes in a range of modern and contemporary finishes that provide a high degree of weather and corrosion resistance. The table to the right highlights the system test results.



	Air-tightness in PA	Water tightness in PA	Resistance wind force in PA
Test Results	650	6--	+3000/-2250
Norm Classification	EN 12207	EN 12208	EN 12210
Class Achieved	4	94A	4

SECUREFOLD

The ultimate folding door hardware system for doors weighing up to 50kg, 100kg and 150kg



Choose from a choice of four stunning finishes



Twinbolt locking mechanism for Securefold

Securefold offers the very best in exterior folding door hardware systems to help you securely open up a home to the outside world. The system has been designed for residential and commercial applications for top hung, exterior wooden or aluminium doors weighing up to 50kg, 100kg and 150kg. With all components made from marine grade 316 stainless steel, the system is extremely resistant against the elements and corrosion. The system comes in a range of stunning finishes including satin, chrome, gold and black (SF150 available in satin only) meaning it can complement existing hardware and virtually any colour scheme.

The system operates with effortless ease and combines all the aesthetic benefits of folding wooden doors with the additional advantages of uncompromising security and durability.

Securefold 100 features all the benefits of both the 50 and 150 with the addition of a further enhancement, R-Loc - a clever ratchet system that enables installers to easily raise or lower a door.

Securefold Specifier

Use our online Securefold Specifier tool to quickly build a bill of materials or get a quotation www.pchenderson.com/securefold-specifier

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range*	Max. Door Weight
Securefold 50	3300mm	1000mm	35 - 68mm	50kg
Securefold 100	3300mm	1000mm	35 - 68mm	100kg
Securefold 150	4000mm	1200mm	45 - 68mm	150kg
Securefold Ultra	3300mm	1000mm	48 - 68mm	100kg

*For thick and/or narrow width doors please consult the fitting instructions regarding 'camming'. For doors between 35 - 47mm use an alternative flushbolt. Contact our technical team for further information.

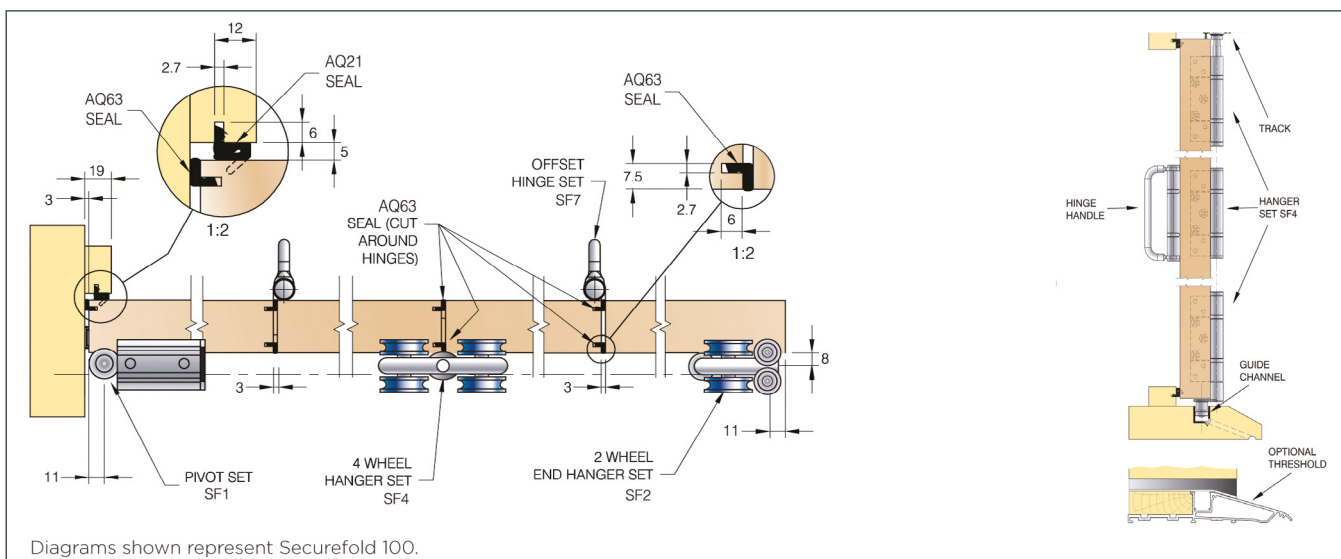
Product Specification

Component	Description	50kg	100kg	150kg	Ultra
Track	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths.	180/****	250/****	480/****	250/****
Pivot*	Pivot assembly, mortice	SF1#50	SF1#	SF1S150	SFU1#
Hanger*	End hanger, mortice, left hand handed inside looking out*	SF2L#50	SF2L#	-	SFU2L#
	End hanger, mortice, right hand handed inside looking out*	SF2R#50	SF2R#	-	SFU2R#
	End hanger set in satin	-	-	SF2S150	-
	Intermediate hanger set kit	SF4#50	SF4#	SF4S150	SFU4#
	End hanger rebated meeting kit (for 2 x rebated meeting doors)	SF8#50	SF8#	SF8S150	SF8#
Hinges	Hinge handle set outward opening	SF3#	SF3#	SF3S150	SF3#
	Hinge set inward opening	SF5#	SF5#	-	-
	Hinge set offset inward opening	SF6#	SF6#	-	-
	Hinge handle offset outward opening	SF7#	SF7#	SF7S150	SF7
	Intermediate pivot hinge, mortice	SF9#	SF9#	SF9S150	SFU9#
Threshold	Aluminium threshold in satin with end caps - 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	SF94T/****	SF94T/****	-	-
	Aluminium threshold in bronze with end caps - 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	SF94T/****BZ	SF94T/****BZ	-	-
Channel	Polypropylene channel in black in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	94P/****	94P/****	98P/****	94P/****
	Anodised aluminium support channel in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	94SC/****	94SC/****	98SC/****	94SC/****
Seals	Door perimeter seal in brown or white	AQ63B or AQ63W			
	Frame perimeter seal in brown or white	AQ21B or AQ21W			
	Track seal in black - 10mm	BS10B	BS10B	BS15B	BS10B
Flush Bolt Locking	Flush bolt, outward opening 190, 450 and 600mm lengths, for top or bottom of door	SF190L# / SF450L# / SF600L#			
	Flush bolt, inward opening 190mm length, for bottom of door	SF190IBL#	SF190IBL#	-	-
Flush Bolt Non Locking	Flush bolt, outward opening 190, 450 and 600mm lengths, for top or bottom of door	SF190# / SF450# / SF600#			
	Flush bolt, inward opening - 190mm length, for bottom of door	SF190IB#	SF190IB#	-	-
	Flush Bolt, inward opening - 190, 450 and 600mm lengths, for top of door	SF190IT# / SF450IT# / SF600IT#			
Twinbolt For doors 56 - 68mm thick	Twinbolt for Securefold non mortice	TB/SF	TB/SF	-	TB/SF
	Twinbolt for Securefold mortice	TB/SFM	TB/SFM	TB/SF150	TB/SFM

Note: Securefold 150 is available in satin only as standard. Other colours can be made available upon request **** Replace by length of track for full short code

replace with first letter of required colour for full short code - gold, black, satin or chrome

*Hinge options include Standard Securefold, Mortice (SF), Mortice Squared (SFM), Mortice Radius Corner (SFR) and Non-Mortice (SFW), see page 8 for details.



Accessories



Crest Handle
(**CREST/S**) for use
with Twinbolt



Routing Cover
Strip (**TBCSBR**)
brown, for use
with Twinbolt. Also
available in black
(TBCSBL)



Securefold
Handle
(**SF10# or
SF10S150**)

**View our full range
of accessories on
page 13**

Outward Door Configurations and Hardware Quantities

Door Configuration		Hardware	Securefold Ultra Hardware Kits [†]
2 Leaf		2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF2L end hanger set - left hand.*	1 x SFU1, 1 x SFU9, 1 x SFU2
2 + 1 Leaf		2 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF2L end hanger set - left hand.*	2 x SFU1, 2 x SFU2, 2 x SFU9
3 Leaf		2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	1 x SFU1, 1 x SFU9, 1 x SFU4
2 + 2 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 2 x SF3 hinge set with handle, 1 x SF8 rebated end hanger meeting.	2 x SFU1, 2 x SFU9
3 + 1 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	2 x SFU1, 2 x SFU9, 1 x SFU4
4 Leaf		4 x SF flushbolt, 1 x SF1 pivot set, 1 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF2L end hanger set - left hand.*	1 x SFU1, 1 x SFU9, 1 x SFU4, 1 x SFU2
3 + 2 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle, 1 x SF2R end hanger set - right hand.*	2 x SFU1, 2 x SFU9, 1 x SFU4, 1 x SFU2
4 + 1 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF2L end hanger set - left hand.*	2 x SFU1, 2 x SFU9, 1 x SFU4, 1 x SFU2
5 Leaf		4 x SF flushbolt, 1 x SF1 pivot set, 1 x SF3 hinge set with handle, 2 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	1 x SFU1, 1 x SFU9, 2 x SFU4
3 + 3 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 2 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle.	2 x SFU1, 2 x SFU9, 2 x SFU4
4 + 2 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF8 rebated end hanger meeting.	2 x SFU1, 2 x SFU9, 1 x SFU4
5 + 1 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 2 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	2 x SFU1, 2 x SFU9, 2 x SFU4
6 Leaf		6 x SF flushbolt, 1 x SF1 pivot set, 1 x SF3 hinge set with handle, 2 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF2L end hanger set - left hand.*	1 x SFU1, 1 x SFU9, 2 x SFU4, 1 x SFU2

Product Information

SF1 pivot assembly set	SF7 hinge set offset outward opening
SF2R end hanger set (RH)	SF8 rebated end hanger meeting
SF2L end hanger set (LH)	SF9 intermediate pivot hinge (optional)
SF4 intermediate hanger set	SF10 face fix handle (optional)
SF5 hinge set inward opening	SF flushbolt
SF3 hinge set with handle	

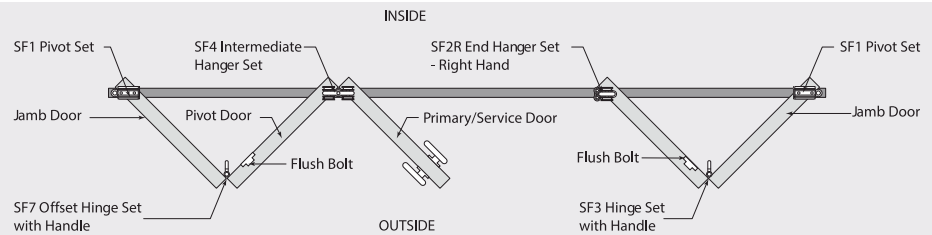
To add surface mounted hinges replace:

SF1 with SFW1
 SF2 with SFW2
 SF8 with SFW8
 SF9 with SFW9
 (only available for standard Securefold)

[†]All Securefold Ultra hardware kits come complete with certified hardware, multipoint lock-available in brushed satin, polished stainless steel, gold and black finishes. Specify only track and seals required to complete the specification.

The configurations shown above are viewed from the outside. They can be reversed, if reversed the parts marked * will have to be the opposite handing e.g. "SFW2R/SF2R end hanger set - right hand" will become "SFW2L/SF2L end hanger set - left hand" and "SFW2L/SF2L end hanger set - left hand" will become "SFW2R/SF2R end hanger set - right hand". SFW9 intermediate pivot is optional for doors exceeding 2200mm in height. The SFW8 (rebated end hanger meeting) is illustrated in the split position on each door. Only one kit is required per door meeting point. ** Ultra only available outward opening. On systems using door leaves that are narrow and wide and the hypotenuse is more than the door width x 1.004 then a risk of camming exists (see fitting instructions for further information). Please contact our Technical Customer Services Team for further information.

HARDWARE APPLICATION

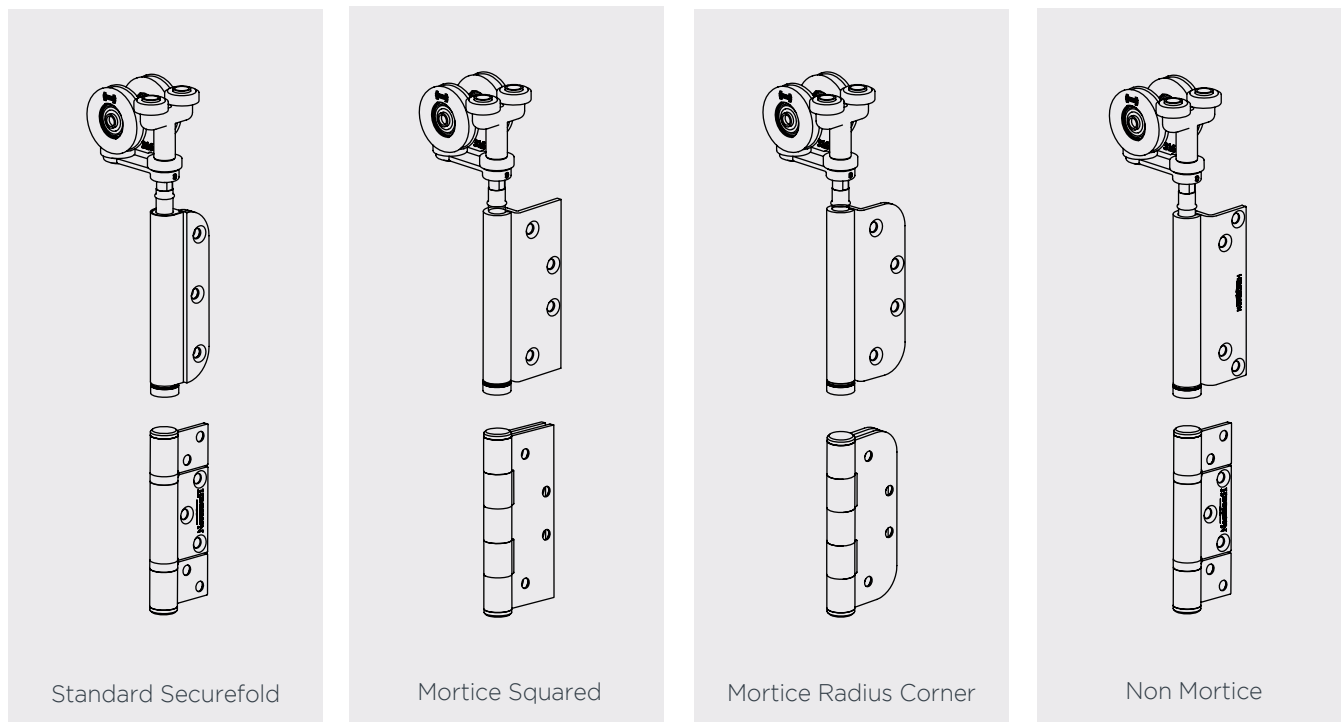


Inward Door Configurations and Hardware Quantities

Door Configuration		Securefold hardware
2 Leaf		2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF5 hinge set inward opening, 1 x SF2R end hanger set - right hand.*
2 + 1 Leaf		2 x SF flushbolt, 2 x SF1 pivot set, 1 x SF5 hinge set inward opening, 1 x SF2R end hanger set - right hand*
3 Leaf		2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF6 offset hinge set inward opening, 1 x SF4 intermediate hanger set.
2 + 2 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 2 x SF5 hinge set inward opening, 1 x SF8 rebated end hanger meeting.
3 + 1 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF6 offset hinge set inward opening, 1 x SF4 intermediate hanger set.
4 Leaf		4 x SF flushbolt, 1 x SF1 pivot set, 2 x SF6 offset hinge set inward opening, 1 x SF4 intermediate hanger set, 1 x SF2R end hanger set - right hand.*
3 + 2 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 1 x SF6 offset hinge set inward opening, 1 x SF2L end hanger set - left hand.*
4 + 1 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 2 x SF6 offset hinge set inward opening, 1 x SF2R end hanger set - right hand.*
5 Leaf		4 x SF flushbolt, 1 x SF1 pivot set, 2 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 1 x SF6 offset hinge set inward opening.
3 + 3 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 2 x SF4 intermediate hanger set, 2 x SF6 offset hinge set inward opening.
4 + 2 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 2 x SF6 offset hinge set inward opening, 1 x SF8 rebated end hanger meeting.
5 + 1 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 2 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 1 x SF6 offset hinge set inward opening.
6 Leaf		6 x SF flushbolt, 1 x SF1 pivot set, 2 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 2 x SF6 offset hinge set inward opening, 1 x SF2R end hanger set - right hand.*

The configurations shown above are viewed from the inside. They can be reversed, if reversed the parts marked * will have to be the opposite handing e.g. "SF2R end hanger set - right hand" will become "SF2L end hanger set - left hand" and "SF2L end hanger set - left hand" will become "SF2R end hanger set - right hand". The SF8 (rebated end hanger meeting) is illustrated in the split position on each door. Only one kit is required per door meeting point.

HINGE OPTIONS



P C Henderson offer a choice of four different hinge options in the Securefold range, this enables us to offer our customers a choice in the look and feel of their project as well as variances on the preferred method of installation and door material. Please note for Securefold 150 and Securefold Ultra, standard Securefold hinges must be used.

Standard Securefold Hinge (Non Mortice)

The Securefold Standard hinge option combines mortice end door pivots to create a clean finish. The pivot is concealed between the door and the jamb and uses the trusted surface mounted intermediate hinges for ease of installation across the remaining door configurations. The standard hinge is suitable for all wooden doors which are 35-68mm thick and weighing up to 150kg. This is a popular option when specifying internal or external folding.

Non Mortice Hinge (Wrapped)

A non mortice hinge is an entirely surface mounted system that requires no routing or additional preparation before the fitting process. This is an easy and versatile option of hardware which can be used on wooden or aluminium doors between 35-68mm thick and weighing up to 100kg.

Radius Corner Hinge (Mortice)

Radius cornered hinges offer a softer look and often suit the look and feel of contemporary applications.

The smooth round edge complements the trend for minimalistic installation with a clean and modern finish. These hinges lend themselves perfectly to machine routing which aid the routing and fitting process. This hinge option is suitable for use on wooden doors between 44-68mm thick and weighing up to 100kg.

Squared Hinge (Mortice)

Square edged hinges provide a rustic feel and look to any wood work application and these are often chosen for more traditional applications. The solid square appearance achieves the look of a timely installation as historically this would have required precision routing by hand. Today there are other methods but some customers still prefer the hand carved qualities of traditional joinery. This hinge option is suitable for use on wooden doors between 44-68mm thick and weighing up to 100kg.

Configuration				
Hinge Type	For Use With	Min. Door Thickness	Max. Door Thickness	Max. Door Weight
Standard Securefold	Securefold 50, 100, 150 and Ultra	35mm	68mm	150kg
Mortice Squared Hinge	Securefold 50 and 100	44mm	68mm	100kg
Mortice Radius Corner	Securefold 50 and 100	44mm	68mm	100kg
Non Mortice	Securefold 50 and 100	35mm	68mm	100kg

SECUREFOLD BOTTOM ROLLING

Bottom rolling system for folding wooden doors weighing up to 80kg



Our latest addition to the Securefold family allows for huge flexibility in terms of the type of applications it can cater for. Utilising bottom rolling technology, the product carries the weight of the doors at the bottom of the system eliminating the need for a large upper beam. This allows doors to be installed into virtually any space without the need for major structural building support. It also frees up design space allowing for a minimalistic look. Typical applications include orangeries, conservatories, out buildings and extensions

Securefold Specifier

Use our online Securefold Specifier tool to quickly build a bill of materials or get a quotation at www.pchenderson.com/securefold-specifier

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Securefold Bottom Rolling	3000mm	1000mm	56 – 68mm	80kg

Product Specification

Component	Description	Short Code
Track	Anodised aluminium track in 3000, 4000 and 6000mm lengths	242/****
Pivot*	Pivot assembly	SFBR1#
Roller*	End roller set kit	SFBR2#
	Intermediate roller set kit	SFBR4#
Hinge	Hinge handle set	SF3#
	Hinge set - offset outward opening	SF7#
	Intermediate hinge for doors above 2200mm	SF9#
Meeting Kit*	Meeting kit	SFBR8#
Channel	Polypropylene guide channel available in 3000, 4000 & 6000mm lengths	94P/****
	Anodised aluminium support channel available in 3000, 4000 & 6000mm lengths	94SC/****
Seals	Door perimeter seal in brown or white	AQ63B/AQ64W
	Frame perimeter seal in brown or white	AQ21B/AQ21W
	Track seal in black	BS10B
Flushbolts	Flushbolt in 190, 450 and 600mm lengths (non lockable)	SF190#/SF450#/SF600#
	Flushbolt in 190, 450 and 600mm lengths (lockable)	SF190L#/SF450L#/SF600L#
Twinbolt For doors 56 - 68mm thick	Twinbolt for Securefold Bottom Rolling - non mortice	TB/SFBR
	Twinbolt for Securefold Bottom Rolling - mortice	TB/SFMBR

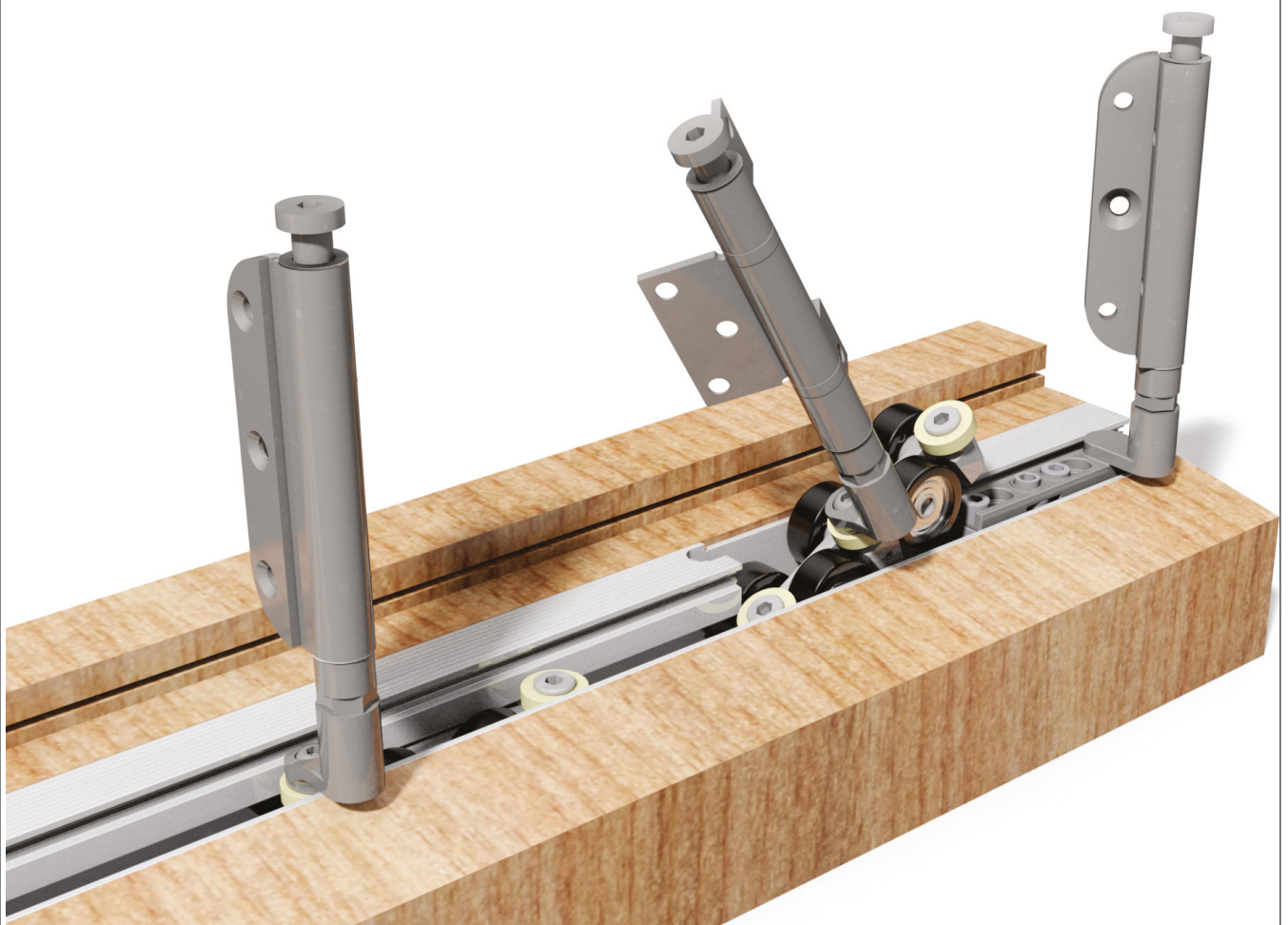
**** Replace by length of track for full short code

Replace with first letter of required colour for full short code - available in gold, black, chrome or satin

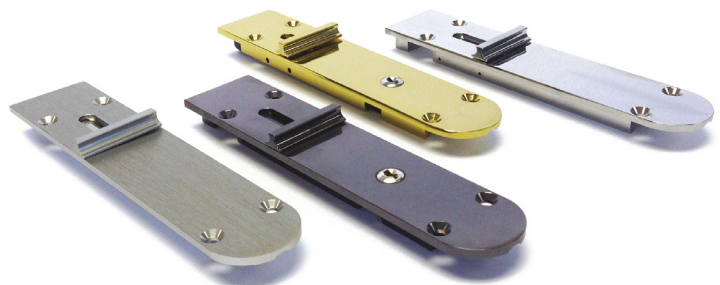
*Options include Standard Securefold Non Mortice (SFBR), Non-Mortice (SFWBR), Radius Mortice (SFRBR) and Square Mortice (SFMBR), see page 8 for details.

Door Configurations and Hardware Quantities

Door Configuration		Hardware
2 Leaf		SFBR1 x 1 SF3 x 1 SFBR2 x 1 SF9 x 1 SF Flushbolt x 2
2 + 1 Leaf		SFBR1 X 2 SF3 X 1 SFBR2 X 1 SF9 X 2 SF Flushbolt x 2
3 Leaf		SFBR1 x 1 SF7 x 1 SFBR4 x 1 SF9 x 1 SF Flushbolt x 2
2 + 2 Leaf		SFBR1 x 2 SF3 x 2 SFBR8 x 1 SF9 x 2 SF Flushbolt x 4
3 + 1 Leaf		SFBR1 x 2 SF7 x 1 SFBR4 x 1 SF9 x 2 SF Flushbolt x 4
4 Leaf		SFBR1 x 1 SF7 x 2 SFBR4 x 1 SFBR2 x 1 SF9 x 1 SF Flushbolt x 4
3 + 2 Leaf		SFBR1 x 2 SF7 x 1 SF3 x 1 SFBR2 x 1 SFBR4 x 1 SF9 x 2 SF Flushbolt x 4
4 + 1 Leaf		SFBR1 x 2 SF7 x 2 SFBR4 x 1 SFBR2 x 1 SF9 x 2 SF Flushbolt x 4
5 Leaf		SFBR1 x 1 SF7 x 1 SF3 x 1 SFBR4 x 2 SF9 x 1 SF Flushbolt x 4
3 + 3 Leaf		SFBR1 x 2 SF7 x 2 SFBR4 x 2 SF9 x 2 SF Flushbolt x 6
4 + 2 Leaf		SFBR1 x 2 SF7 x 2 SFBR4 x 1 SF3 x 1 SFBR8 x 1 SF9 x 2 SF Flushbolt x 6
5 + 1 Leaf		SFBR1 x 2 SF7 x 1 SF3 x 1 SFBR4 x 2 SF9 x 2 SF Flushbolt x 6
6 Leaf		SFBR1 x 1 SF7 x 2 SFBR4 x 2 SF3 x 1 SFBR2 x 1 SF9 x 1 SF Flushbolt x 6



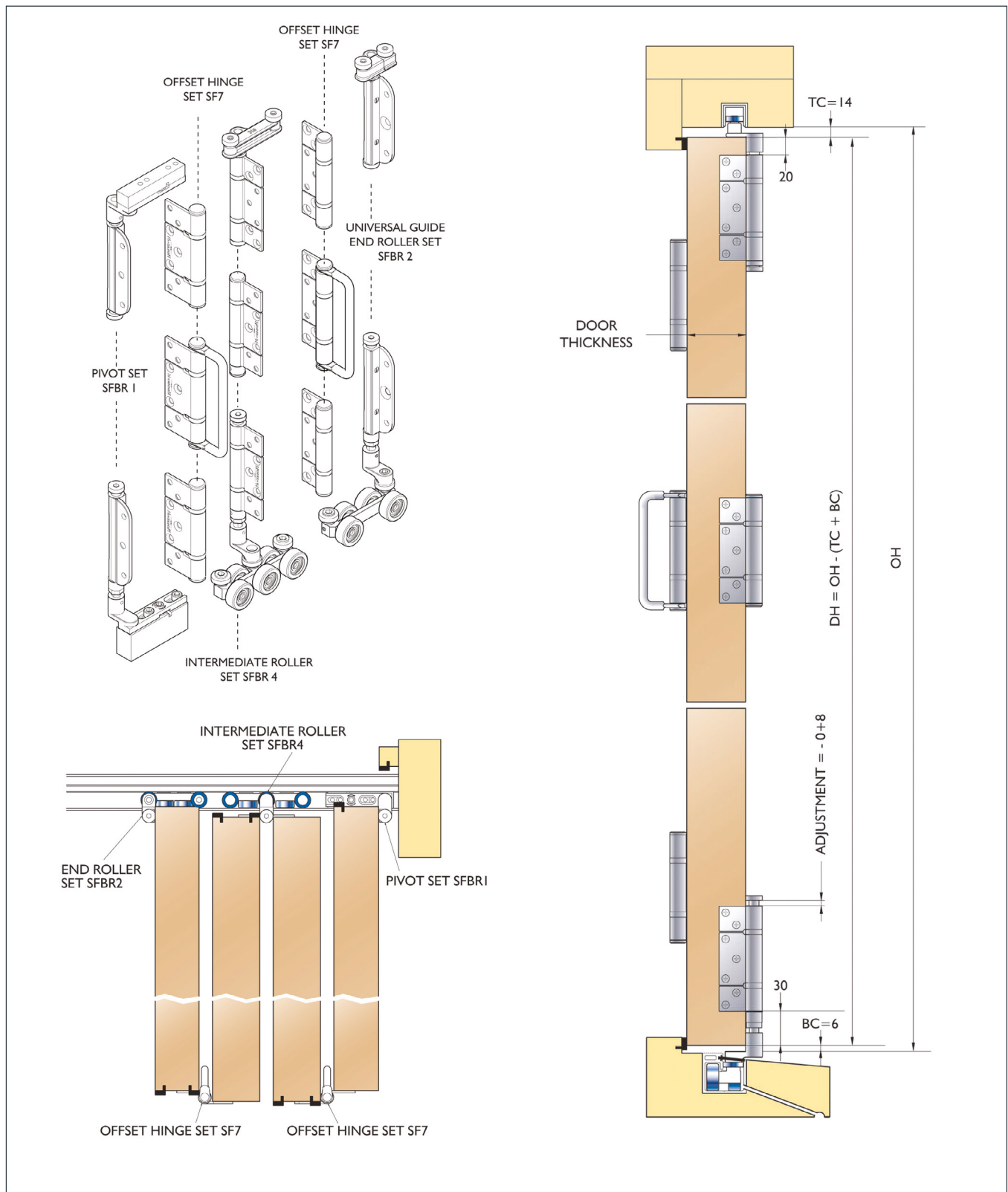
Twinbolt
locking
system with
Crest handle



Choose from four stunning finishes -
gold, chrome, black or satin



Non-handed
top guide for
Securefold
Bottom
Rolling



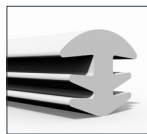
Accessories



Securefold Handle
(SF10# or SF10S150)



Crest Handle
(CREST/S) for use with Twinbolt



Routing Cover Strip (TBCSBR)
in brown, for use with Twinbolt. Also available in black (TBCSBL)



Magnet Set (MAG/#) for between doors



Magnet Set (SWMAG/#) for swing door

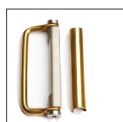
View our full range of accessories on page 13

Replace with first letter of required colour for full short code (satin, chrome, gold or black)

Accessories

Enhance your Securefold system by choosing from our wide range of accessories

HANDLES



SF10G

PVD gold, for folding doors, 118mm (h) x 16mm (w) x 45mm (d)



SF10C

Chrome, for folding doors, 118mm (h) x 16mm (w) x 45mm (d)



SF10S

Satin, for folding doors, 118mm (h) x 16mm (w) x 45mm (d)



SF10B

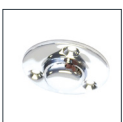
Black, for folding doors, 118mm (h) x 16mm (w) x 45mm (d)

DOOR MAGNETS



MAG/B

Black magnet set for between doors



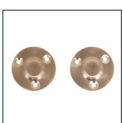
MAG/C

Chrome magnet set for between doors



MAG/G

Gold magnet set for between doors



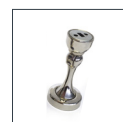
MAG/S

Satin magnet set for between doors



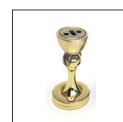
SWMAG/B

Black magnet set for swing door



SWMAG/C

Chrome magnet set for swing door



SWMAG/G

Gold magnet set for swing door



SWMAG/S

Satin magnet set for swing door

TWINBOLT



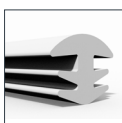
TB/SF*** Twinbolt

Locking system for use with Securefold and Securefold Bottom Rolling. Top and bottom throw rods are operated by one simple turn to engage two points of locking.



CREST/S Handle

Crest handle for use with Twinbolt



TBCS**

Routing cover strip for use with Twinbolt

*** For Securefold Top Hung Non Mortice use short code TB/SF; For Securefold Top Hung Mortice use short code TB/SFM; For Securefold Bottom Rolling Non Mortice use short code TB/SFBR; For Securefold Bottom Rolling Mortice use short code TB/SFMBR; For Securefold 150 use short code TB/SF150

** For black use code TBCSBL; for white use code TBCSWH; for brown use code TBCSBR

Global leaders in
the design and
manufacture of
hardware systems
for sliding and
folding doors



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