

O BEN

HARDWARE FOR GREAT WINDOWS



**WINDOWS THAT LAST LONG,
NEED HARDWARE THAT DOES TOO.**



When it comes to hardware, your window needs the best. OBEN, a specialist in uPVC window and door accessories, offers the right hardware, handpicked from the best around the world. They're strong, reliable, durable and long-lasting, so you can rest assured your window is in good hands.

GREAT HARDWARE IS TIMELESS.

OBEN offers customised solutions for your home, those that are meant to last forever. A one-stop-solution for your window and door needs, OBEN even provides you with fittings that come with a 5-year warranty.



CORROSION-RESISTANT



SMOOTH OPERATION



CONFORMING TO
EUROPEAN STANDARDS

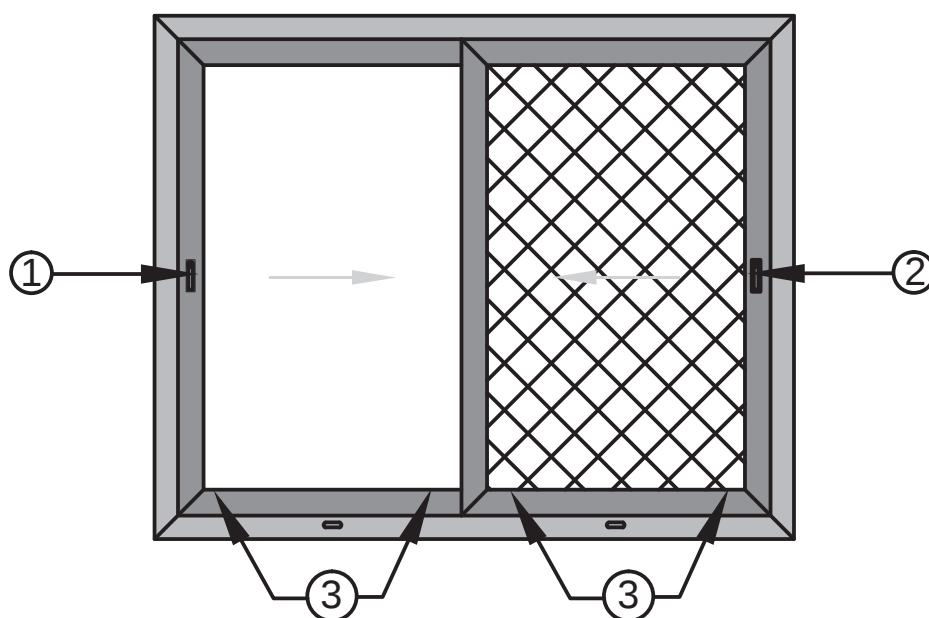


QUALITY-TESTED

OBEN

HARDWARE FOR GREAT WINDOWS

2 Track 2 Panel Sliding window with flyscreen single point locking (Sash with/without euro groove)

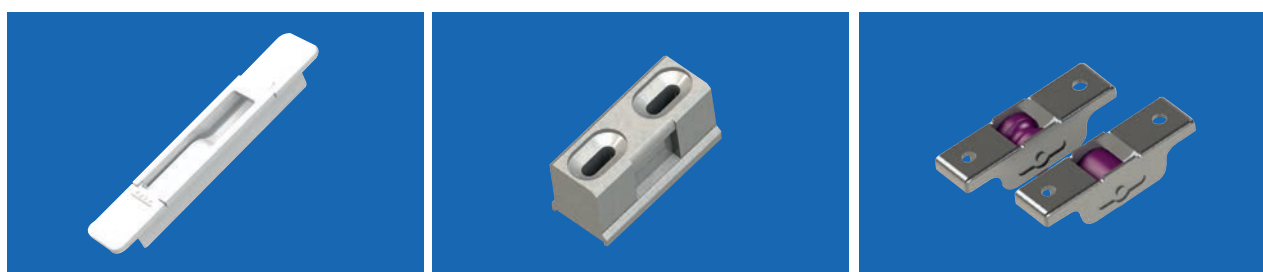


TOUCH LOCK:

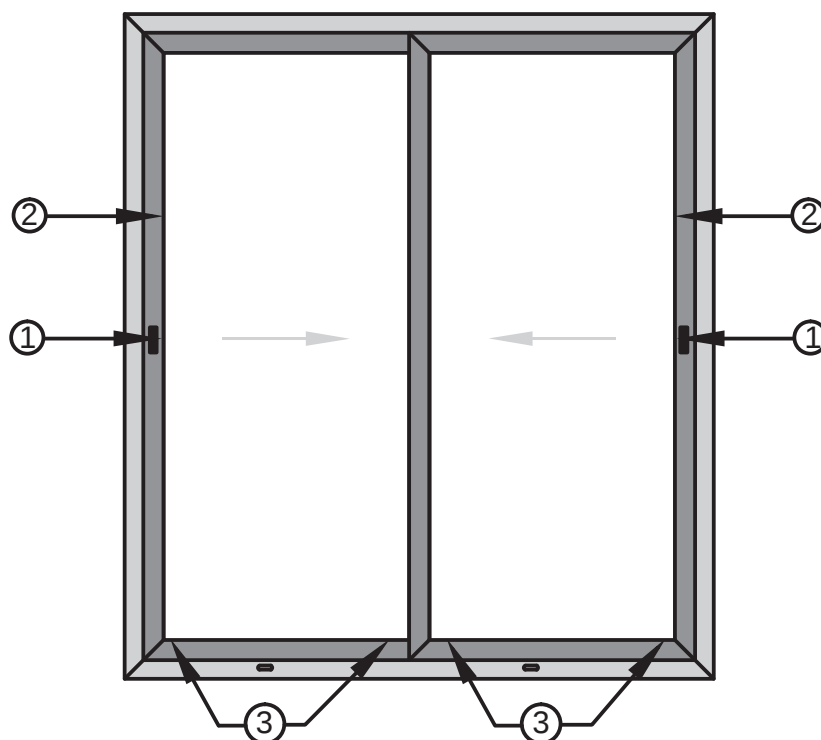
S. No	Product Code	Description	Application
1	2007B-31601	Touch Lock with Striker - Left	For Sash depth of 30-32mm
2	2007B-31701	Touch Lock with Striker - Right	For Sash depth of 30-32mm
1	2001B-30201	Touch Lock with Striker - Left	For Sash depth of 38-40mm
2	2001B-30301	Touch Lock with Striker - Right	For Sash depth of 38-40mm
1	2008B-33801	Touch Lock with Striker - Left	For Sash depth of 42-44mm
2	2008B-33901	Touch Lock with Striker - Right	For Sash depth of 42-44mm
1	22265-28001	Fly Screen Handle	For Fly Screen Sash

ROLLERS:

S. No	Product Code	Description	Application
3	22217-11640	Single Roller (flat) 16 x 14 mm	For non-euro groove window
3	23017-11740	Single Roller (grooved) 16 x 14 mm	For non-euro groove window
3	22217-25214	Single Roller (flat) 14 x 13 mm	For non-euro groove window
3	22217-12314	Single Roller (grooved) 14 x 13 mm	For non-euro groove window
3	23012-12210	Fly Mesh Roller 10 x 12 mm	For Mega Screen sash
3	22217-12100	Fly Mesh Roller 10 x 10.5 mm (Plastic body + steel wheel)	For Screen Sash
3	23117-12100	Fly Mesh Roller 10 x 10.5 mm (Plastic body & wheel)	For Screen Sash



2 Track 2 Panel Sliding window with Multi point locking (Sash with euro groove)

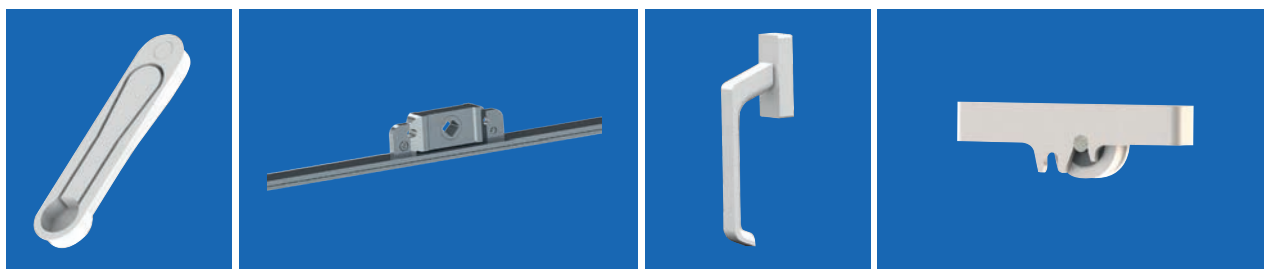


HANDLES ANDESPAGNOLETTES:

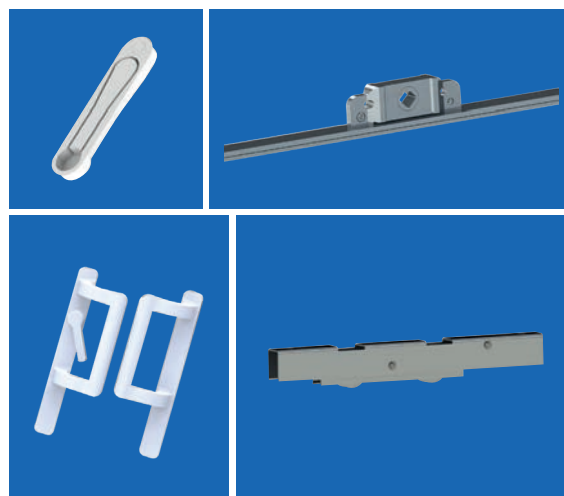
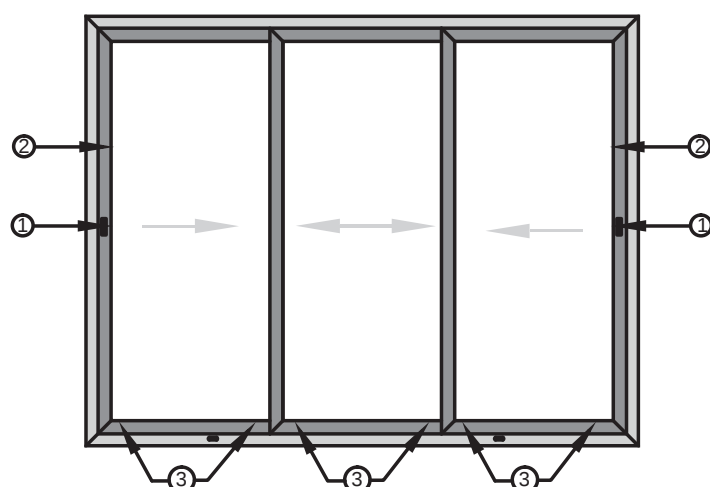
S. No	Product Code	Description	Application
1	22213-09001	SD Pop Up Handle (Patio Handle), 13 mm spindle	For Sash depth of 38 - 42 mm
1	22213-09001	SD Pop Up Handle (Patio Handle), 18 mm spindle	For Sash depth of 44 - 50 mm
1	22113-08701	Siding Door Handle (L-shape), 22 mm spindle	For Sash depth of 38 -42 mm
1	22113-25501	Siding Door Handle (L-shape), 32 mm spindle	For Sash depth of 44 - 50 mm
1	22214-38301	Siding Door Handle L-type - (Big), 30 mm spindle	For Sash depth of 44 - 50 mm
1	22113-09301	Siding Door Handle (low neck), 22 mm spindle	For Sash depth of 38 -42 mm
1	22113-25701	Siding Door Handle (low neck), 32 mm spindle	For Sash depth of 44 - 50 mm
2	20011-10506	SD Espagnolette -C.S, 600mm (BS=15 mm)	For sliding window
2	20011-10812	SD Espagnolette -C.S, 1200mm (BS=15 mm)	For sliding window
2	20061-35610	SD Espagnolette -C.S, 1000mm (BS=7.5 mm)	For sliding window
2	20061-35714	SD Espagnolette -C.S, 1400mm (BS=7.5 mm)	For sliding window

ROLLERS:

S. No	Product Code	Description	Application
3	22215-20650	Single Roller (grooved), 12 mm width x 17 / 21 mm height, Nylon wheel with ball bearing	For euro groove sliding window sash



3 Track 3 Panel Sliding Door with Multi point locking (Sash with euro groove)



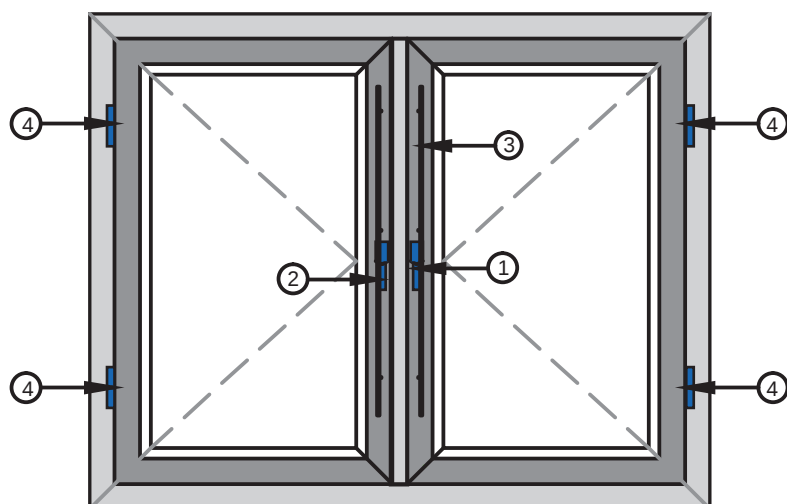
HANDLES ANDESPAGNOLETTES:

S. No	Product Code	Description	Application
1	22213-09001	SD Pop Up Handle (Patio Handle), 13 mm spindle	For Sash depth of 38 - 42 mm
1	22213-09001	SD Pop Up Handle (Patio Handle), 18 mm spindle	For Sash depth of 44 - 50 mm
1	22113-08701	Siding Door Handle (L-shape), 22 mm spindle	For Sash depth of 38 -42 mm
1	22113-25501	Siding Door Handle (L-shape), 32 mm spindle	For Sash depth of 44 - 50 mm
1	22214-38301	Siding Door Handle L-type – (Big), 30 mm spindle	For Sash depth of 44 - 50 mm
1	22113-09301	Siding Door Handle (low neck), 22 mm spindle, White	For Sash depth of 38 -42 mm
1	22113-25701	Siding Door Handle (low neck), 32 mm spindle, White	For Sash depth of 44 - 50 mm
2	20011-10506	SD Espagnolette -C.S, 600mm (BS=15 mm)	For sliding window
2	20011-10812	SD Espagnolette -C.S, 1200mm (BS=15 mm)	For sliding window
2	20061-35610	SD Espagnolette -C.S, 1000mm (BS=7.5 mm)	For sliding window
2	20061-35714	SD Espagnolette -C.S, 1400mm (BS=7.5 mm)	For sliding window
2	2221A-11518	Sliding Door Espag Set 1800 mm (I-60/I-75) with D-type Handle, White (Handles + Espagnolette + Keeps + Cylinder with keys, both sides)	Sliding Door Cylinder locking

ROLLERS:

S. No	Product Code	Description	Application
3	22212-11880	Double adj. grooved Roller 12 x 17.5 - 23.5 mm, SS304, steel wheel with ball bearing	For Sliding Door, Max wt 90Kgs
3	22217-11980	Double adj. grooved Roller 12 x 17.5 - 23.5 mm, SS304, nylon wheel with ball bearing	For Sliding Door, Max wt 90Kgs
3	23112-39880	Double adj. Grooved Roller 12 x 18-21 mm, SS201, Nylon Wheel with Ball Bearing	For Sliding Door, Max wt 80Kgs

Double Sash Casement Window



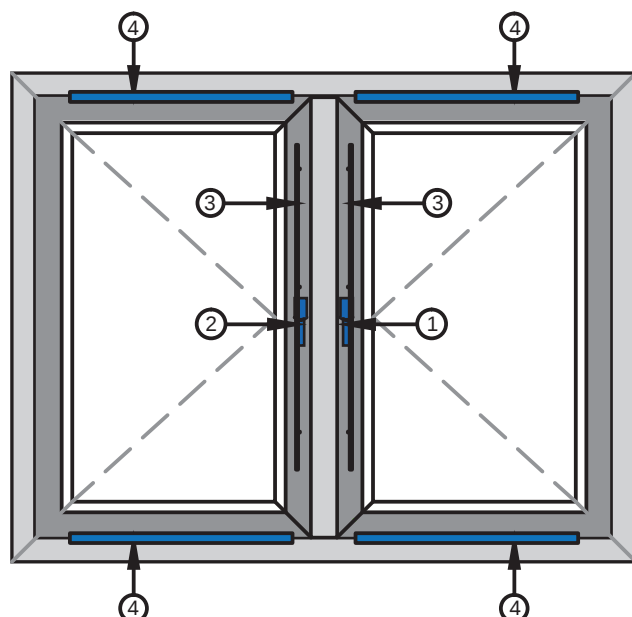
HANDLES ANDESPAGNOLETTES:

S. No	Product Code	Description	Application
1	22103-00901	Cockspur Handle Left	Single point locking
2	22103-01001	Cockspur Handle Right	Single point locking
1	22103-31801	Casement Window Handle (L-type), spindle length 38 mm	Espagnolette handle without key
2	22103-00201	Casement Window Handle with key, spindle length 38 mm	Espagnolette handle with key
1	22103-01501	Cranked Handle Left (low neck)	Grill and Mesh window
2	22103-01601	Cranked Handle Right (low neck)	Grill and Mesh window
3	740244900001	CW Espagnolette - C.S, 400mm (BS=22 mm)	For Sash height of 500 - 600mm
3	20001-02206	CW Espagnolette - C.S, 600mm (BS=22 mm)	For Sash height of 500 - 800mm
3	20001-02308	CW Espagnolette - C.S, 800mm (BS=22 mm)	For Sash height of 700 - 1000mm
3	20001-02410	CW Espagnolette - C.S, 1000mm (BS=22 mm)	For Sash height of 900 - 1200mm
3	20001-02512	CW Espagnolette - C.S, 1200mm (BS=22 mm)	For Sash height of 1100 - 1400mm
3	20001-02716	CW Espagnolette - C.S, 1600mm (BS=22 mm)	For Sash height of 1500 - 1800mm
3	20001-02818	CW Espagnolette - C.S, 1800mm (BS=22 mm)	For Sash height of 1700 - 2000mm

HINGES:

S. No	Product Code	Description	Application
4	23004-30701	Concealed Hinge (for CW & CD), White	Max, Sash Weight - 50 Kgs
4	2000B-07490	Hinge 90 mm (outward open), White	Max, Sash Weight - 50 Kgs
4	22101-04810	Restriction Arm 10"	

Double Sash Casement Window



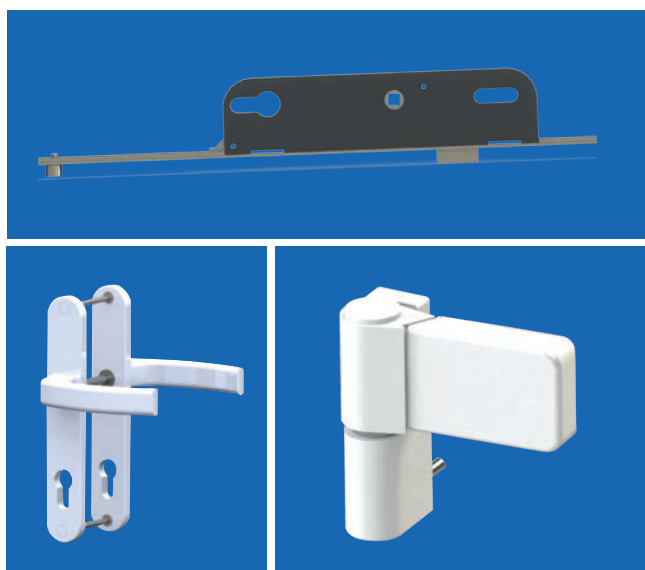
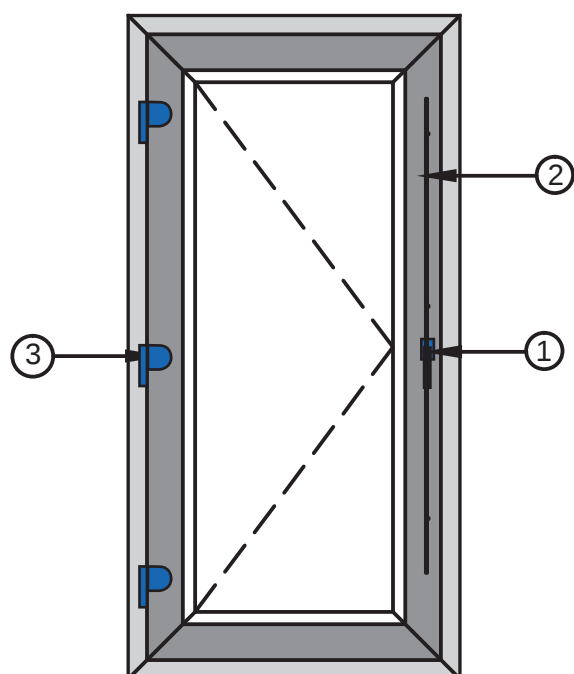
HANDLES AND ESPAGNOLETTES:

S.No	Product Code	Description	Application
1	22103-00901	Cockspur Handle Left	Single point locking - LH
2	22103-01001	Cockspur Handle Right	Single point locking - RH
1	22103-31801	Casement window handle(L-type) New, spindle length 38mm	Espagnolette handle without key
2	22103-00201	Casement window handle with key, spindle length 38mm	Espagnolette handle with key
1	22103-01501	Cranked Handle Left (Low neck)	Grill and mesh window
2	22103-01601	Cranked Handle Right (Low neck)	Grill and mesh window
3	20001-02206	CW Espagnolette-600mm(BS-22mm)	For Sash height of 500 - 800mm
3	20001-02308	CW Espagnolette-800mm(BS-22mm)	For Sash height of 700 - 1000mm
3	20001-02410	CW Espagnolette-1000mm(BS-22mm)	For Sash height of 900 - 1200mm
3	20001-02512	CW Espagnolette-1200mm(BS-22mm)	For Sash height of 1100 - 1400mm
3	20001-02716	CW Espagnolette-1600mm(BS-22mm)	For Sash height of 1500 - 1800mm
3	20001-02818	CW Espagnolette-1800mm(BS-22mm)	For Sash height of 1700 - 2000mm

S.No	Product Code	Description	Application
4	20401-03008	Friction Hinge TH 8" (SS 430)stack height 13-14mm	Max. Sash Weight -10Kgs
4	20401-03110	Friction Hinge TH 10" (SS 430), stack height 13-14mm	Max. Sash Weight -16Kgs
4	20401-03212	Friction Hinge SH12" (SS 430),stack height 13-14mm	Max. Sash Weight -22Kgs
4	20401-03416	Friction Hinge SH 16" (SS 430),stack height 13-14mm	Max. Sash Weight -24Kgs
4	20401-03620	Friction Hinge TH 20" (SS 430),stack height 13-14mm	Max. Sash Weight -24Kgs
4	20401-03824	Friction Hinge TH 24" (SS 430),stack height 13-14mm	Max. Sash Weight -50Kgs

** SS304 Grade available on request *** TH = Top Hung SH = Side Hung

Casement Door



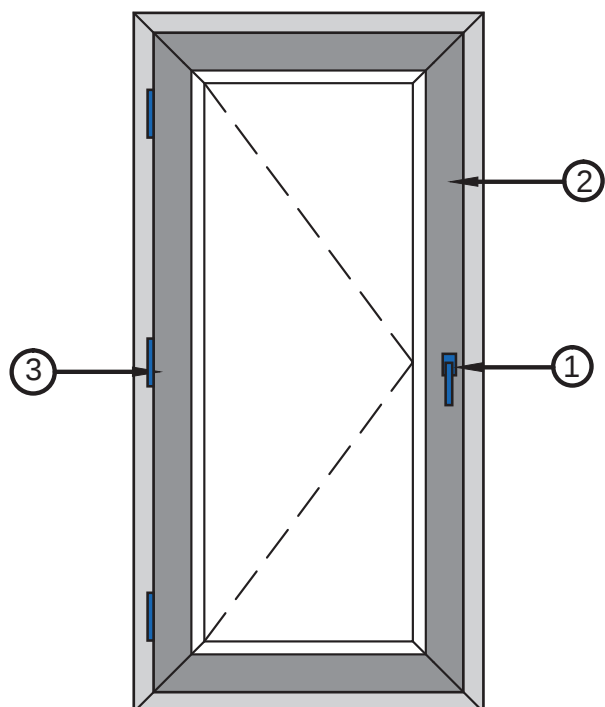
HANDLES AND ESPAGNOLETTES:

S. No	Product Code	Description	Application
1	20004-04985	Casement Door Handle for Integrated Lock	Inward/Outward open door handle
1	20002-08318	CD Integrated Lock with Espag 35/85, 1800mm	Multi point locking
1	2210C-06180	Cylinder Lock 80 mm (45/35) with both side keys	Both sides cylinder locking
1	2210C-06480	Cylinder Lock 80 mm (40/40) with both side keys	Both sides cylinder locking
1	2210C-06380	Cylinder Lock 80 mm (35/45), one side key (35mm), one side knob (45 mm), for Outward Door Sash	One side Cylinder lockig for Outward Door Sash
1	2210C-06080	Cylinder Lock 80 mm (45/35), one side key (45mm), one side knob (35 mm), for Inward Door Sash	One side Cylinder lockig for Inward Door Sash
1	20001-18800	Casement Door Lock Striker Adjustable Short	Center locking
2	2000A-02900	Casement Espagnolette Striker (9 Axis)	Multi Point locking
2	2000A-18900	Casement Espagnolette Striker (13 Axis)	Multi Point locking

HINGES

S. No	Product Code	Description	Application
3	23004-30701	Concealed Hinge (for CW & CD), White	Max. Sash Weight - 50Kgs
3	2000B-06510	Atlas 3D Hinge	Max. Sash Weight - 90Kgs
3	20004-36201	Atlas 3D Hinge - Aluminium	Max. Sash Weight - 120Kgs
3	2000B-33501	Atlas 3D Hinge	Max. Sash Weight - 125Kgs

Bathroom Door



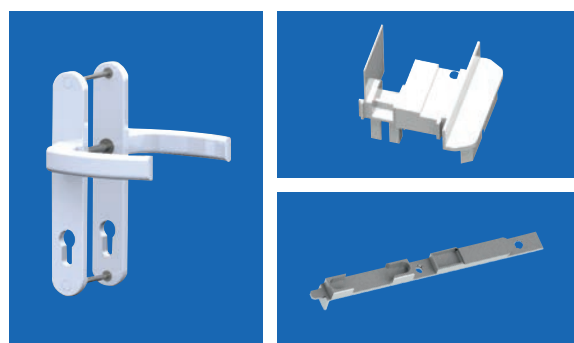
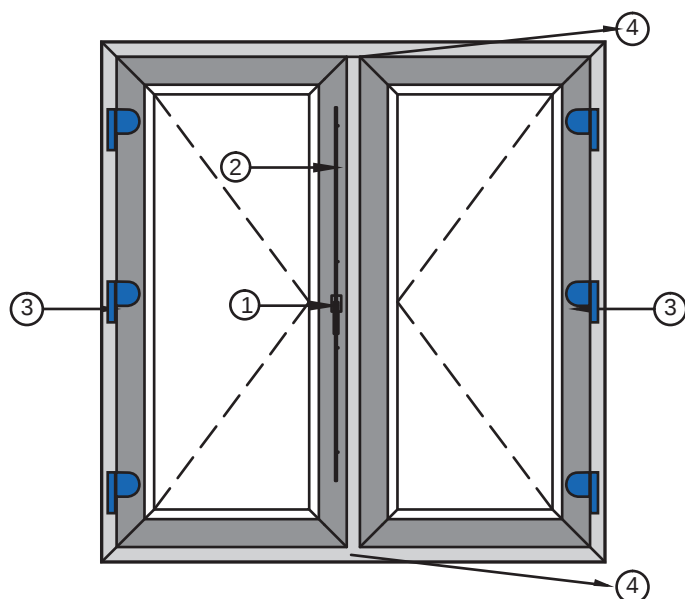
HANDLES AND ESPAGNOLETTES:

S.No	Product Code	Description	Application
1	20002-08000	Bathroom Door Lock 35/85 Mortise type	Door lock
1	20004-24801	Door Handle for bathroom lock	Door handle
1	20001-25000	Door Lock Striker Adjustable long	Centre locking

HINGES:

S.No	Product Code	Description	Application
3	23004-30701	Concealed Hinge (for CW & CD), White	Max. Sash Weight -50Kgs

French Door



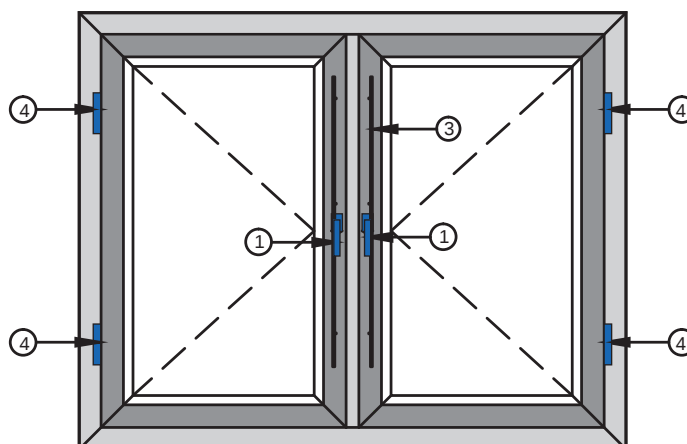
HANDLES AND ESPAGNOLETTES:

S. No	Product Code	Description	Application
1	20004-04985	Casement Door Handle for Integrated Lock	Inward/Outward open door handle
1	20002-08318	CD Integrated Lock with Espag 35/85, 1800mm	Multi point locking
1	2210C-06180	Cylinder Lock 80 mm (45/35) with both side keys	Both sides cylinder locking
1	2210C-06480	Cylinder Lock 80 mm (40/40) with both side keys	Both sides cylinder locking
1	2210C-06380	Cylinder Lock 80 mm (35/45), one side key (35mm), one side knob (45 mm), for Outward Door Sash	One side Cylinder lockig for Outward Door Sash
1	2210C-06080	Cylinder Lock 80 mm (45/35), one side key (45mm), one side knob (35 mm), for Inward Door Sash	One side Cylinder lockig for Inward Door Sash
1	20001-18800	Casement Door Lock Striker Adjustable Short	Center locking
2	2000A-02900	Casement Espagnolette Striker (9 Axis)	Multi Point locking

SHOOT BOLT & HINGES:

S. No	Product Code	Description	Application
4	2000B-04518	Shoot Bolt with lever, Top	Top locking
4	2000B-04618	Shoot Bolt with lever, Bottom	Bottom locking
4	20003-04709	Locking Plate for Shoot Bolt 9 mm	Striker for shoot bolt
3	23004-30701	Concealed Hinge (for CW & CD), White	Max. Sash Weight - 50Kgs
3	2000B-06510	Atlas 3D Hinge	Max. Sash Weight - 90Kgs
3	20004-36201	Atlas 3D Hinge - Aluminium	Max. Sash Weight - 120Kgs
3	2000B-33501	Atlas 3D Hinge	Max. Sash Weight - 125Kgs
2	2000A-02900	Casement Espagnolette Striker (9 Axis)	Multi Point locking

French Window

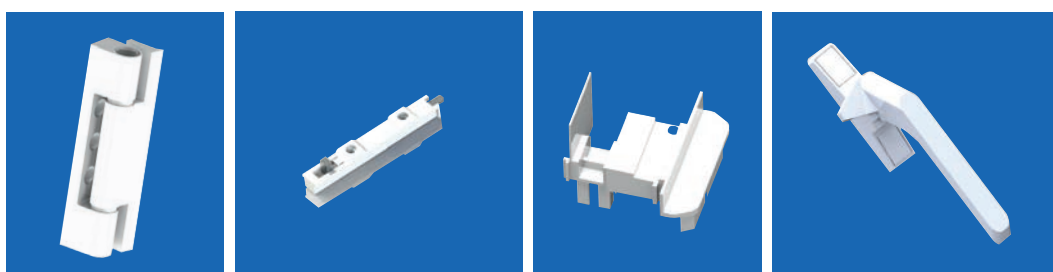


HANDLES AND ESPAGNOLETTES:

S. No	Product Code	Description	Application
1	22103-00901	Cockspur Handle Left	Single point locking - LH
2	22103-01001	Cockspur Handle Right	Single point locking - RH
1	22103-31801	Casement Window Handle (L-type), spindle length 38 mm	Espagnolette handle without key
2	22103-00201	Casement Window Handle with key, spindle length 38 mm	Espagnolette handle with key
1	22103-01501	Cranked Handle Left (low neck)	Grill and Mesh window
2	22103-01601	Cranked Handle Right (low neck)	Grill and Mesh window
3	740244900001	CW Espagnolette - C.S, 400mm (BS=22 mm)	For Sash height of 500 - 600mm
3	20001-02206	CW Espagnolette - C.S, 600mm (BS=22 mm)	For Sash height of 500 - 800mm
3	20001-02308	CW Espagnolette - C.S, 800mm (BS=22 mm)	For Sash height of 700 - 1000mm
3	20001-02410	CW Espagnolette - C.S, 1000mm (BS=22 mm)	For Sash height of 900 - 1200mm
3	20001-02512	CW Espagnolette - C.S, 1200mm (BS=22 mm)	For Sash height of 1100 - 1400mm
3	20001-02716	CW Espagnolette - C.S, 1600mm (BS=22 mm)	For Sash height of 1500 - 1800mm
3	20001-02818	CW Espagnolette - C.S, 1800mm (BS=22 mm)	For Sash height of 1700 - 2000mm

SHOOT BOLT & HINGES:

S. No	Product Code	Description	Application
5	2000D-04400	French Shoot Bolt (including Striker)	Top & bottom locking
4	23004-30701	Concealed Hinge (for CW & CD)	Max. Sash Weight - 50Kgs
4	2000B-07490	Hinge 90 mm (outward open)	Max. Sash Weight - 50Kgs

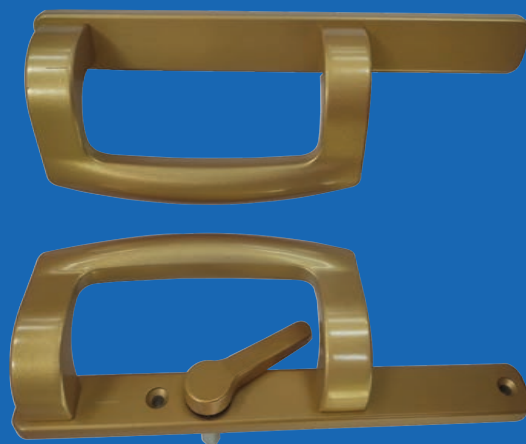
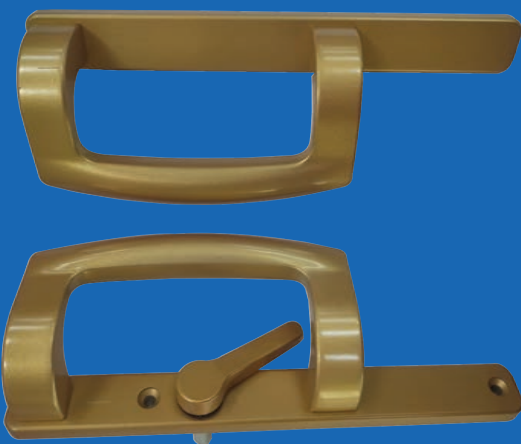


ACCESSORIES



S.No.	Product Code	Description
ACCESSORIES - BROWN (HANDLES)		
1	22103-01403	Cockspur Handle (Right), Brown
2	22103-01303	Cockspur Handle (Left), Brown
3	22103-31803	Casement Window Handle (L-type) New, spindle 38 mm, Dark Brown
4	22103-01903	Cranked Handle Left (Low Neck), Dark Brown
5	22103-02003	Cranked Handle Right (Low Neck), Dark Brown
6	20004-05185	Casement Door Handle for Integrated Lock, Dark Brown
7	20004-24903	Door Handle for Bathroom Door, Dark Brown
8	22113-25603	Sliding Door Handle (L-shape), 32mm spindle, 1-75, Dark Brown
9	22113-09503	Sliding Door Handle (Low Neck), 22mm spindle, 1-60, Dark Brown
10	22113-25803	Sliding Door Handle (Low Neck), 32mm spindle, 1-75, Dark Brown
11	22213-09203	SD Pop Up Handle (Patio Handle), 18 mm spindle, Dark Brown
12	23513-31003	C-type dummy handle, Dark Brown
13	2221A-33218	Sliding Door Espag Set 1800 mm (1-60/1-75) with D-type Handle, Dark Brown (Handles+ Espagnolette +Keeps+ Cylinder with keys, both sides)
14	22223-30003	SD Handle D-type (Left), Dark Brown, inside lever, spindle length 50 mm, without cylinder provision
15	22223-30103	SD Handle D-type (Right), Dark Brown, inside lever, spindle length 50 mm, without cylinder provision
16	2001B-21703	Touch lock with Keep -Left, Brown
17	2001B-21803	Touch lock with Keep -Right, Brown
18	2214-38303	Sliding Door Handle L-type-(Big), 30mm Spindle, Dark Brown
ACCESSORIES - BROWN (HINGE)		
1	2000B-07690	Hinge 90 mm (outward open), Dark Brown
2	2000B-06703	Atlas 3D Hinge, Dark Brown (100K)
PLASTIC PARTS (BROWN)		
1	23605-21903	Cavity Locking Block, Brown
2	23605-22003	CW Wedge, Brown
3	21105-15503	Lap Joint Cover - Right, Brown
4	21105-15603	Lap Joint Cover - Left, Brown
5	23615-22103	Anti Lift Block - LHS, Brown
6	23615-22203	Anti Lift Block - RHS, Brown
7	23615-20003	Bump Stop Base, Brown
8	23605-20103	Drainage Cap, Brown
9	23605-22303	Fastener Cap, Brown
10	23685-39403	Anti-Lift Block I-64, Brown
11	23625-39603	Anti-Lift Block I-75, Brown

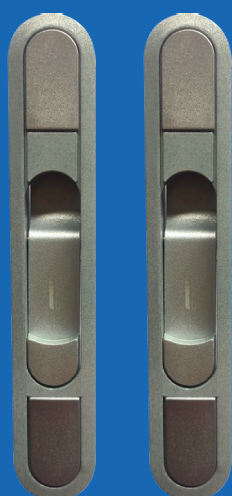
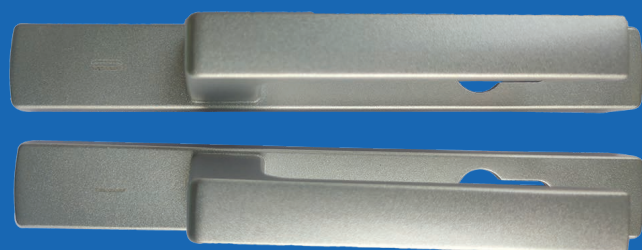
ACCESSORIES - GOLD



ACCESSORIES - GOLD

PREMIUM HANDLES - GOLDEN (CARBON FLOATING PAINT FINISH)		
1	22203-35204	Casement Window Handle, spindle length 37 mm, Gold – Carbon floating paint finish (with OBEN logo)
2	22204-35304	Casement Door Handle for integrated lock 35/85 mm, Gold – carbon floating paint finish (with OBEN logo)
3	2220B-34904	3D Hinge, 130 Kgs, Gold – carbon floating paint finish (with OBEN logo)
4	22213-35404	Touch Lock – Left, without Keeper, Gold – carbon floating paint finish (with OBEN logo)
5	22213-35504	Touch Lock – Right, without Keeper, Gold – carbon floating paint finish (with OBEN logo)
6	22213-09204	SD Pop Up Handle (Patio Handle), 18mm spindle, Gold – carbon floating paint finish (with OBEN logo)
7	22223-30004	SD Handle D-type (Left), without cylinder provision, Gold – carbon floating paint finish (with OBEN logo)
8	22223-30104	SD Handle D-type (Right), without cylinder provision, Gold – carbon floating paint finish (with OBEN logo)
9	22214-38304	Sliding Door Handle L-type (Big), 30 mm spindle – Gold (with OBEN logo)
10	2221A-35018	Sliding Door Espag Set 1800 mm (I-60/I-75) with D-type Handle with Oben Logo, Gold-carbon floating paint finish +Espagnolette + Strikers(SS304) + Cylinder with keys, both sides

ACCESSORIES - SILVER



ACCESSORIES - SILVER

OBEN PREMIUM HARDWARE – CARBON FLOATING PAINT FINISH – SILVER		
1	22203-35205	Casement Window Handle, spindle length 37 mm, Silver – Carbon floating paint finish (with OBEN logo)
2	22204-35305	Casement Door Handle for integrated lock 35/85 mm, Silver – carbon floating paint finish (with OBEN logo)
3	2220B-34905	3D Hinge, 130 Kgs, Silver – carbon floating paint finish (with OBEN logo)
4	22213-35405	Touch Lock – Left, without Keeper, Silver – carbon floating paint finish (with OBEN logo)
5	22213-09205	SD Pop Up Handle (Patio Handle), Silver – carbon floating paint finish (with OBEN logo)
6	22223-30005	SD Handle D-type (Left), without cylinder provision, Silver – carbon floating paint finish (with OBEN logo)
7	22214-38305	Sliding Door Handle L-type (Big), 30 mm spindle (with OBEN logo)
8	22213-35505	Touch Lock – Right, without Keeper, Silver – carbon floating paint finish (with OBEN logo)
9	22223-30105	SD Handle D-type (Right), Silver – carbon floating paint finish, inside lever, spindle length 50 mm, without cylinder provision (with OBEN logo)
10	2221A-35118	Sliding Door Espag Set 1800 mm (I-60/I-75) with D-type Handle, Silver – carbon floating paint finish + Espagnolette + Strikers (SS304) + Cylinder with keys, both sides (with OBEN logo)

PLASTIC PARTS

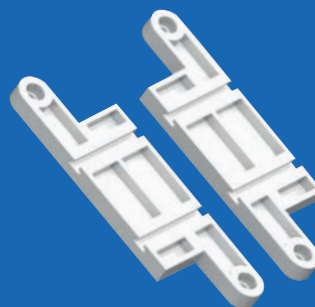
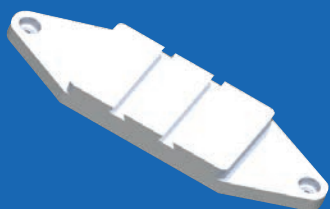
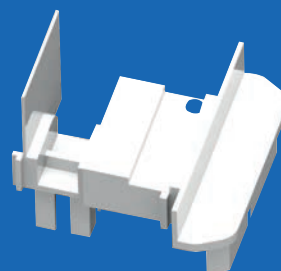
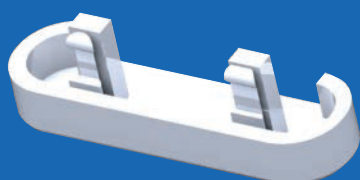
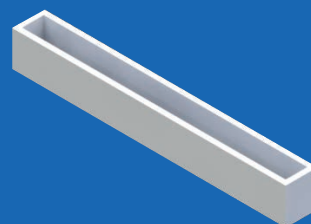
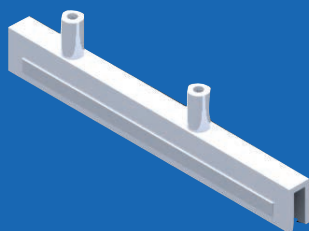
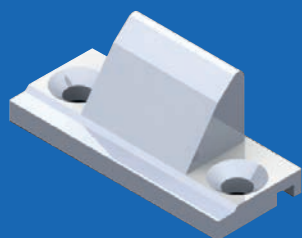
S.No.	Product Code	Description
ACCESSORIES - WHITE (PLASTIC PARTS)		
1	23605-15200	Cavity Locking Block, White (ABS)
2	3605-153002	CW Wedge, White (ABS)
3	23635-33301	Cockspur Handle Wedge, Frame Width-39mm, White (ABS)
4	20105-15500	Lap Joint Cover - Right, White
5	20105-15600	Lap Joint Cover - Left, White
6	23605-15700	Louvers Male, Frame width-60mm, White
7	23605-15800	Louvers Female, Frame Width-60mm, White
8	23635-28901	Louvers Male, frame Width-39mm, White
9	23635-29001	Louvers Female, Frame width-39mm, White
10	20105-17000	Lap Joint Striker Support, White
11	23605-34001	End Cap for CD Sash Infill, White
12	23615-14500	Anti Lift Block - LHS, White
13	23615-14600	Anti Lift Block - RHS, White
14	23615-14700	Bump Stop Base, White (ABS)
15	23616-14800	Bump Stop Rubber
16	23615-14900	Spacer Block SW
17	23615-15000	Spacer Block SD
18	22265-28001	Fly-screen Handle, White (routing not required)
19	23615-15100	Grommet (for fly-screen track fixing)
20	22735-22401	Spacer for Touch Lock (Frame Width-44mm)
21	50512-13041	SD Striker Support
22	23675-31901	Anti-lift Block (Frame Width-50mm)
23	23615-34101	Anit-lift Block (mesh track), 105x26x8mm, 2.5T(94mm), White
24	23675-34201	Anit-lift Block (mesh track), 105x22x8mm, 2.5T(81mm), White
25	23635-32931	Spacer - 35 x 35 x 1 mm (Frame Width-39mm)
26	23635-33033	Spacer - 35 x 35 x 3 mm (Frame Width-39mm)
27	23675-32641	Spacer - 47 x 35 x 1 mm (Frame Width-50mm)
28	23675-32743	Spacer - 47 x 35 x 3 mm (Frame Width-50mm)
29	23675-32845	Spacer - 47 x 35 x 5 mm (Frame Width-50mm)
30	23605-15951	Spacer - 55 x 35 x 1 mm
31	23605-16053	Spacer - 55 x 35 x 3 mm
32	23605-16155	Spacer - 55 x 35 x 5 mm
33	23675-32271	Spacer - 77 x 35 x 1 mm (Frame Width-81mm)
34	23675-32373	Spacer - 77 x 35 x 3 mm (Frame Width-81mm)
35	23675-32475	Spacer - 77 x 35 x 5 mm (Frame Width-81mm)
36	23605-16291	Spacer - 90 x 35 x 1 mm
37	23605-16393	Spacer - 90 x 35 x 3 mm
38	23605-16495	Spacer - 90 x 35 x 5 mm
39	23615-31311	Spacer - 105 x 35 x 1 mm
40	23615-31413	Spacer - 105 x 35 x 3 mm
41	23615-31515	Spacer - 105 x 35 x 5 mm
42	23605-16500	Drainage Cap, White (ABS)
43	23605-16601	Glazing Packer 16.5 x 77 x 1 mm
44	23605-16703	Glazing Packer 16.5 x 77 x 3 mm
45	23605-16805	Glazing Packer 16.5 x 77 x 5 mm
46	23675-32003	Glazing Packer 10 x 77 x 3 mm
47	23675-32105	Glazing Packer 10 x 77 x 5 mm
48	23605-16900	Fastener Cap, White (ABS)
49	23685-39401	Anti-Lift Block I-64, White
50	23625-39601	Anti-Lift Block I-75, White

ACCESSORIES - MISC. ITEMS

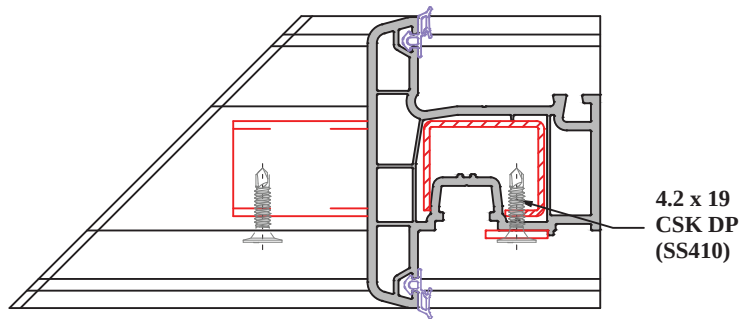
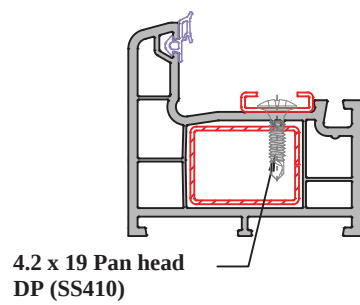
S.No.	Product Code	Description
1	22602-20300	Casement Mullion Block - width 28mm
2	23863-30800	Casement Mullion Block - width 23mm
3	22114-09601	Crescent Lock with Keep, Left (for I-44)
4	22114-09701	Crescent Lock with Keep, Right (for I-44)
5	22203-28401	Allen key Handle, White
6	22202-28501	Allen key Handle Seat, White
7	23513-31001	C-type dummy handle, White
8	2000A-02900	Casement Espagnolette Striker (9 Axis)
9	20011-19000	Sliding Espagnolette Striker (CS)
10	20013-25300	Sliding Espagnolette Striker (Anti lift type), I-75
11	22210-18600	SD Striker (SS304)
12	22612-20400	Sliding Mullion Block - width 20mm
13	23863-30900	Sliding Mullion Block - width 26mm
14	23014-30401	Bump Stop in Aluminium (White), with Rubber (Black)
15	21016-18305	Fly-screen Gasket 5 mm (for Super screen sash)
16	21016-18406	Fly-screen Gasket 6 mm (for 2.5T & Adaptor screen sash)
17	22836-22500	Glazing Gasket (Grey)
18	22806-25400	Sash Gasket (Grey)
19	22866-22502	Glazing Gasket (Black) - PlastOne
20	22866-25402	Sash Gasket (Black) - PlastOne
21	20818-17909	Fly-screen Mesh - 90 cm width x 30 mtr
22	20818-18012	Fly-screen Mesh - 120 cm width x 30 mtr
23	24410-38403	Wire mesh, black epoxy coated, 18X16X0.21 mm wire, (Size 3' W X 100'L)
24	24410-38404	Wire mesh, black epoxy coated, 18X16X0.21 mm wire, (Size 4' W X 100'L)
25	24410-38405	Wire mesh, black epoxy coated, 18X16X0.21 mm wire, (Size 5' W X 100'L)
26	2438A-37723	Sash Balance 23', Type A2 upto 30 lb - Pair (BU23A)
27	2438A-37819	Sash Balance 19', Type A upto 30 lb - Pair (BU19A)
28	2438A-37928	Sash Balance 28', Type A upto 30 lb - Pair (BU28A)
29	2438A-38003	Brown Tube for Sash Balances - Pair (BUBNT)
30	2438A-38100	Tensioning Tool (BU09K)
31	2438A-38200	Fixing Bracket - Grooved Sash - NoHorn - Kit (BU01K)

****Note:** Item Nos. 26 to 31 are hardware for Vertical slider.

PLASTIC PARTS

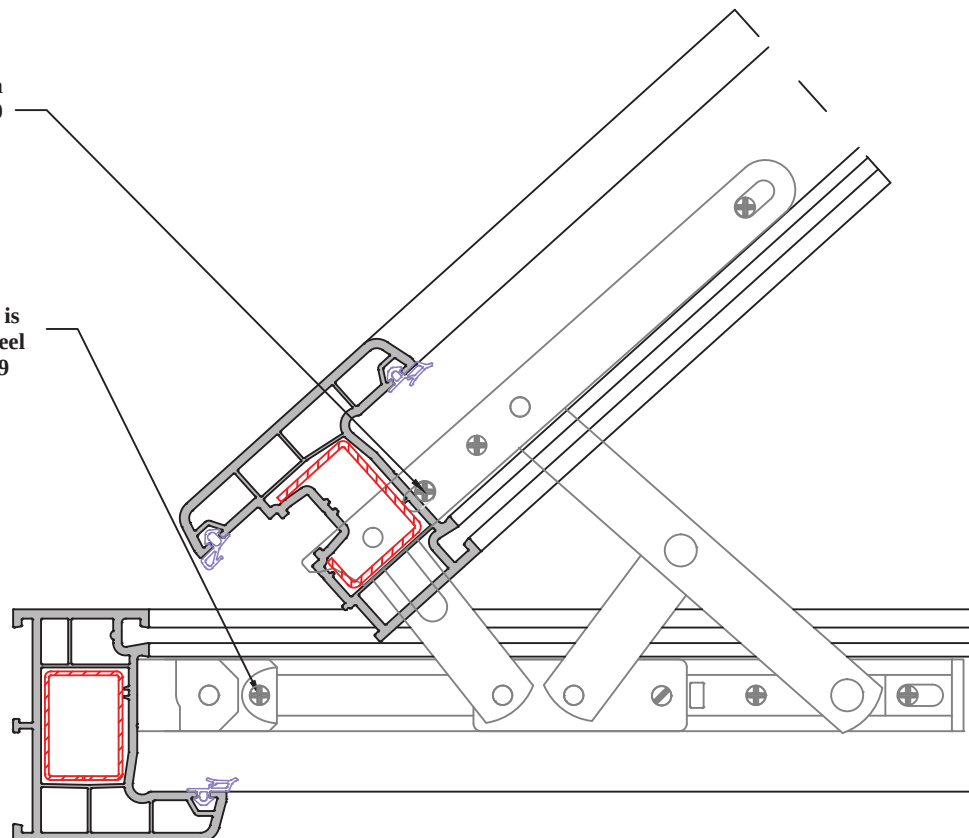


FRICTION HINGE FITMENT DETAILS

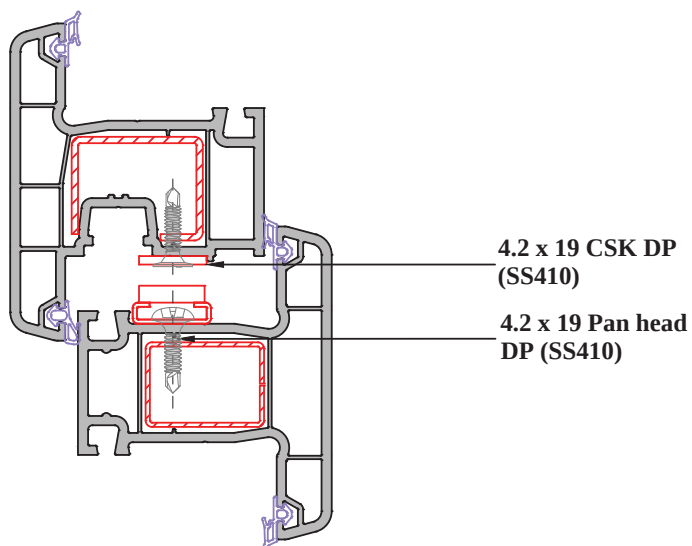
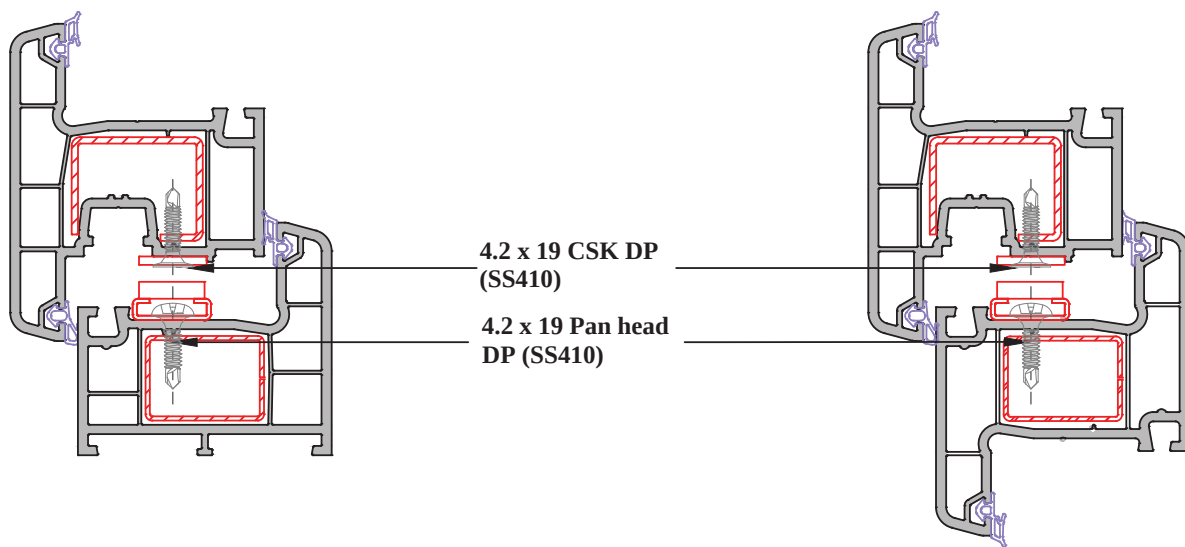
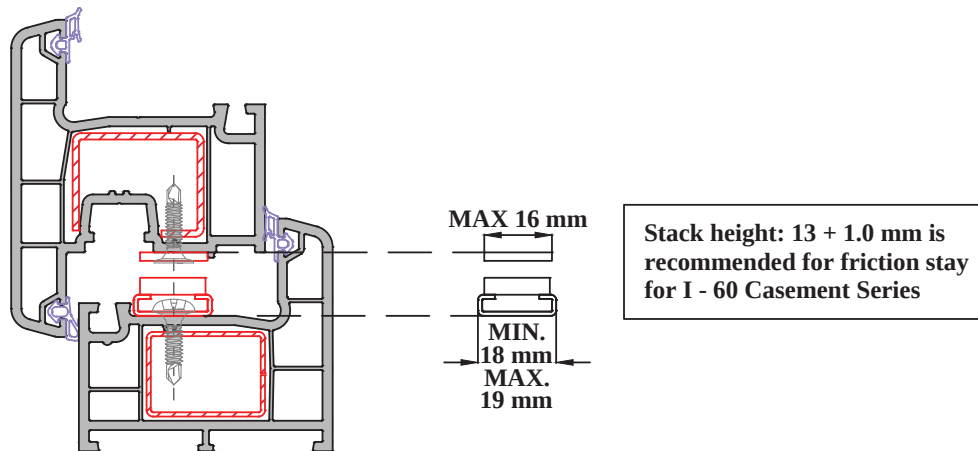


First fixing point in sash
41101 - 13000 using 4.2 x 19
CSK DP (SS410)

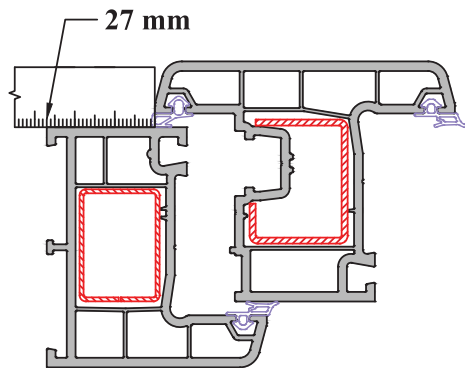
First fixing point in outer
frame, transom and mullion is
designed to penetrate into steel
reinforcements using 4.2 x 19
Pan head DP (SS410)



FRICTION STAY FITMENT DETAILS

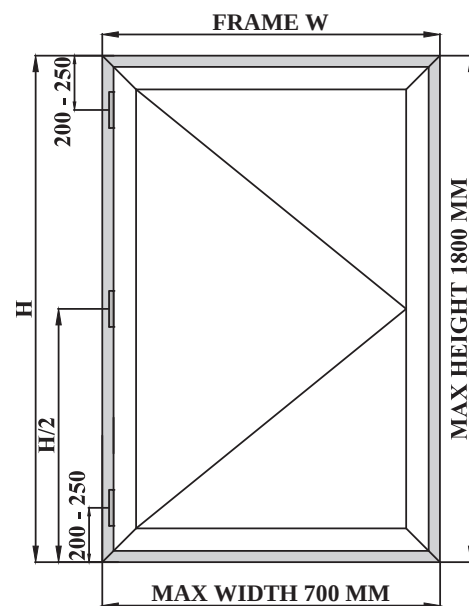
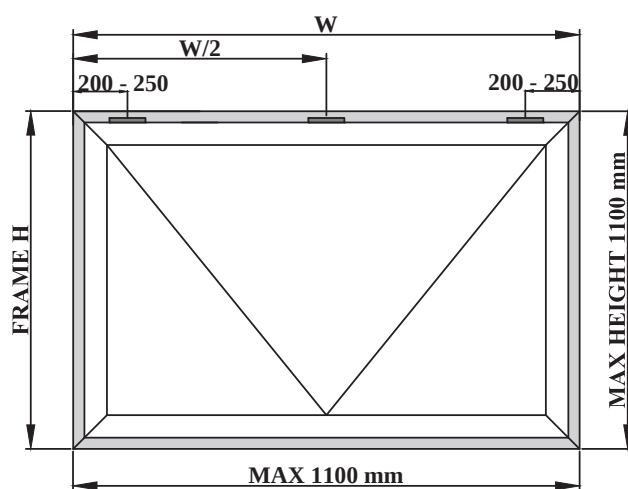
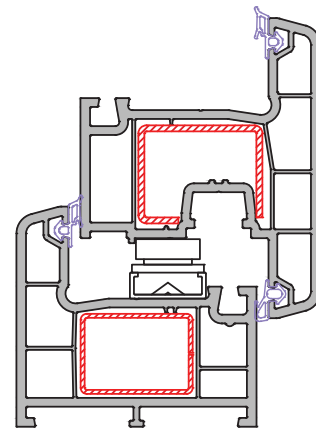
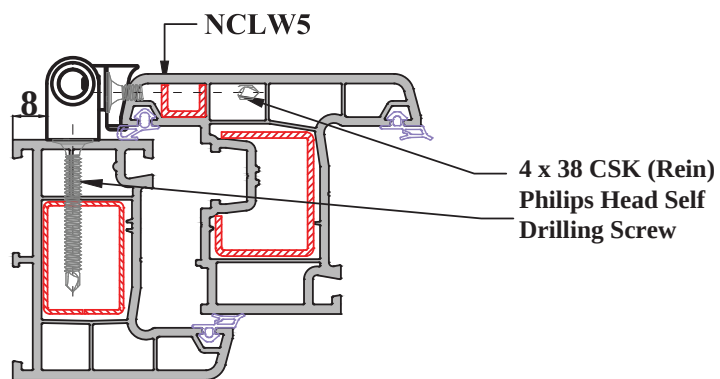


CASEMENT BUTT HINGE FITMENT DETAILS

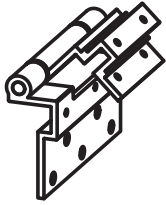


Restriction arm

*Note: Restriction Arm of 10 inches to be used on windows fitted with Butt Hinges



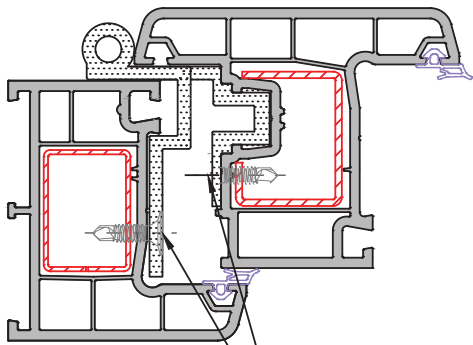
CONCEALED HINGE FITMENT DETAILS



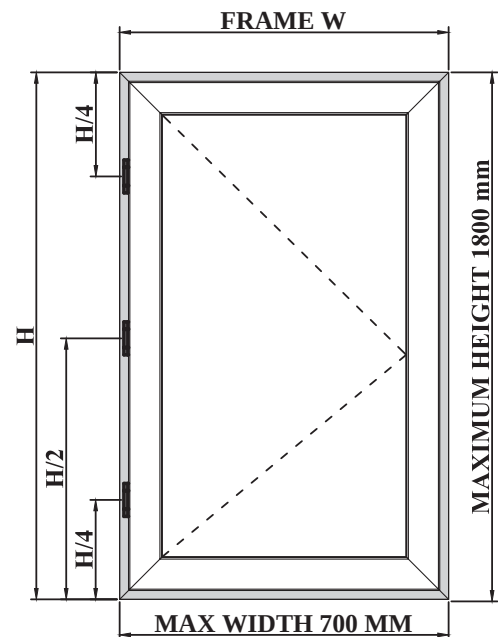
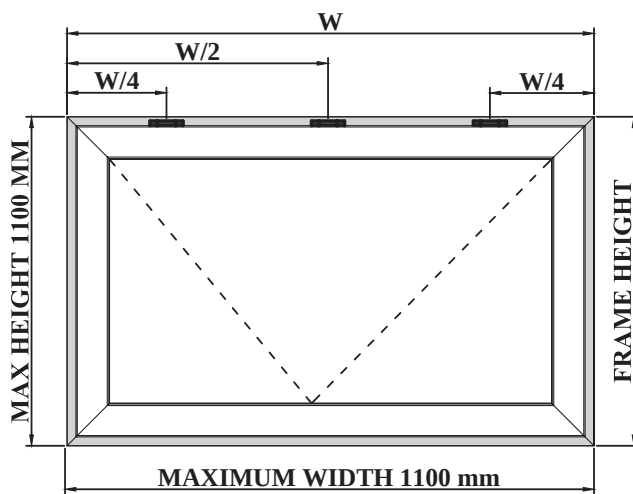
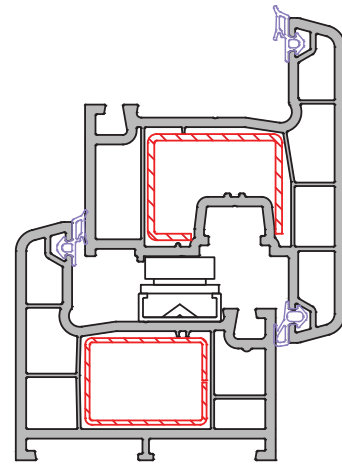
Concealed Hinge

RESTRICTION ARM

*Note : Restriction Arm of 10 inches to be used on windows fitted with Butt Hinges



4 x 16 CSK (Rein)
Philips Head Self
Drilling Screw



3D HINGE FITMENT DETAILS

3-D Hinge Specification and Fitment Details

1. 3D hinges are used in Casement Doors.
2. Normally, 3 Nos, 3D Hinges are sufficient to hold a door sash of weight 120 kg (See Figure 1).
3. In case of Doors with DGU, or bigger width leading to a bigger over hang, it is advisable to use an extra 3D Hinge (See Figure 2).

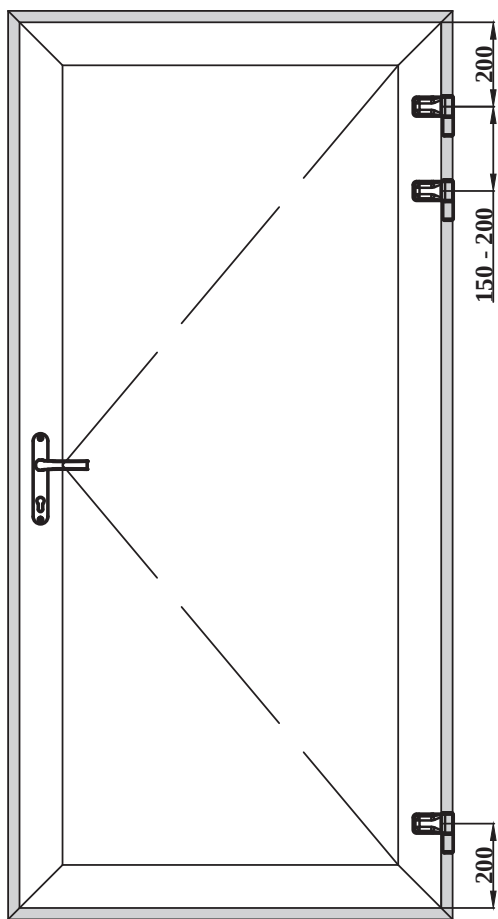


Figure 1

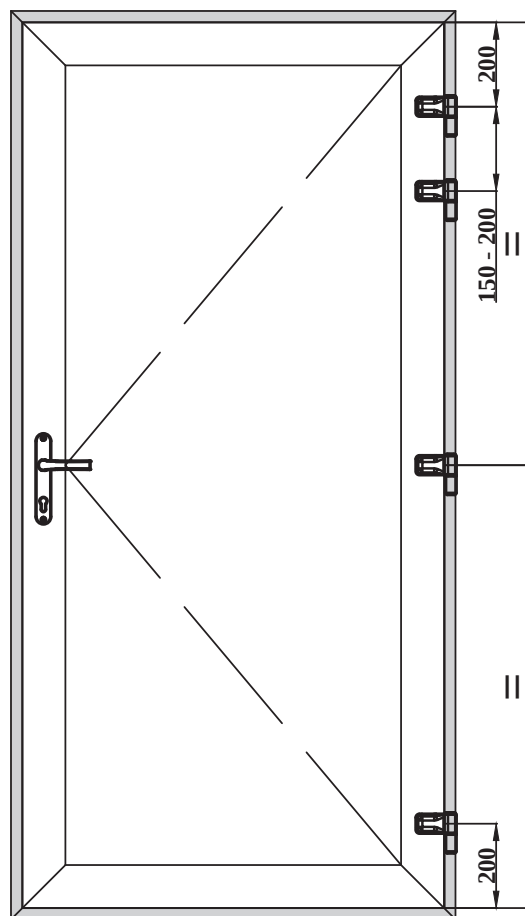
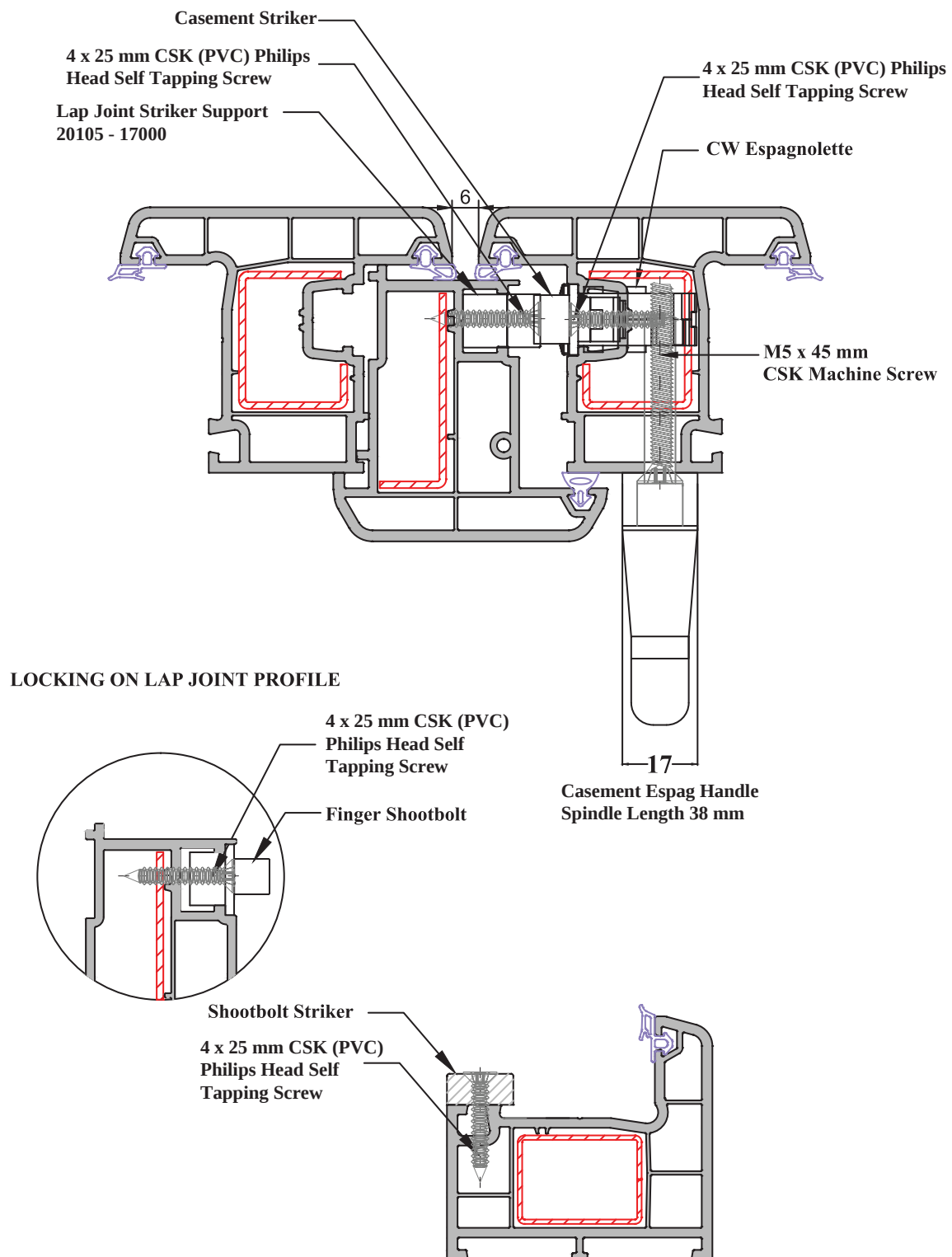
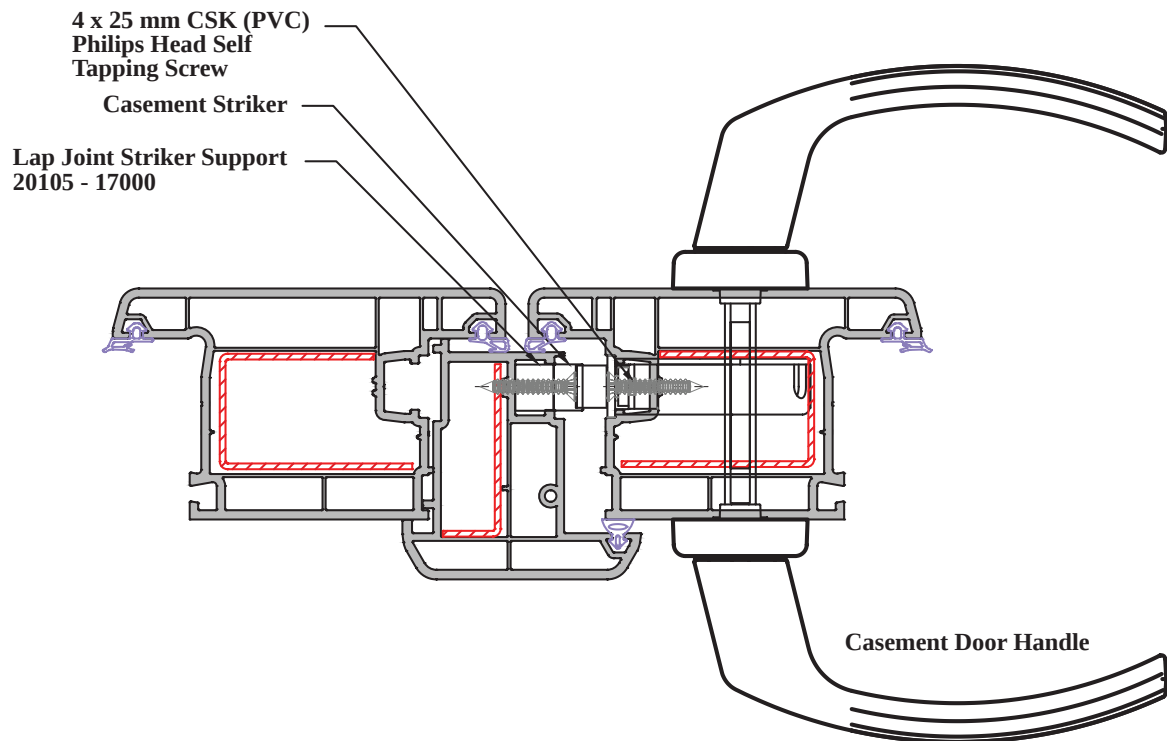


Figure 2

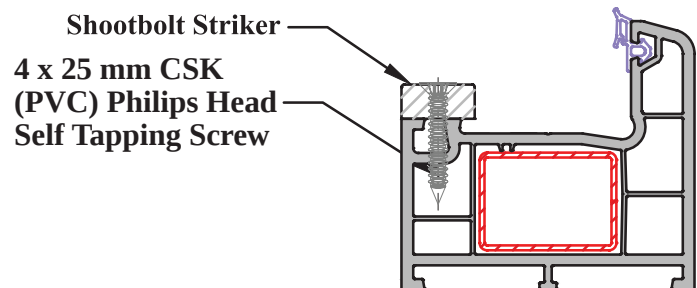
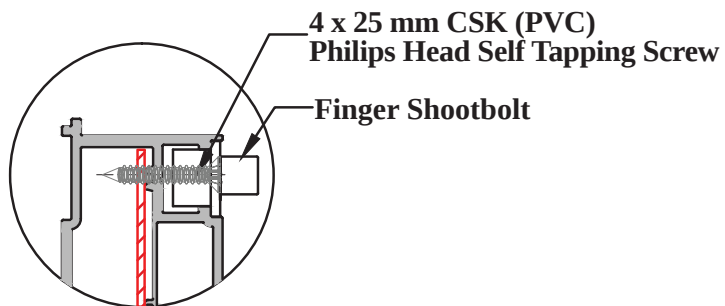
FRENCH WINDOW LOCKING DETAILS FOR CW ESPAGNOLETTE, 22MM BACKSET



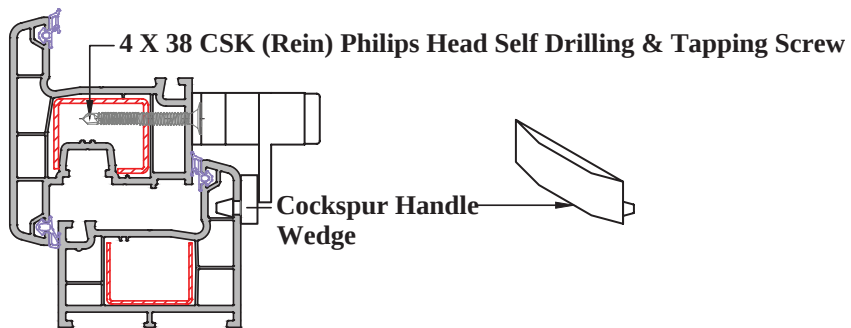
FRENCH DOOR LOCKING DETAILS FOR CD ESPAGNOLETTE, 35MM BACKSET



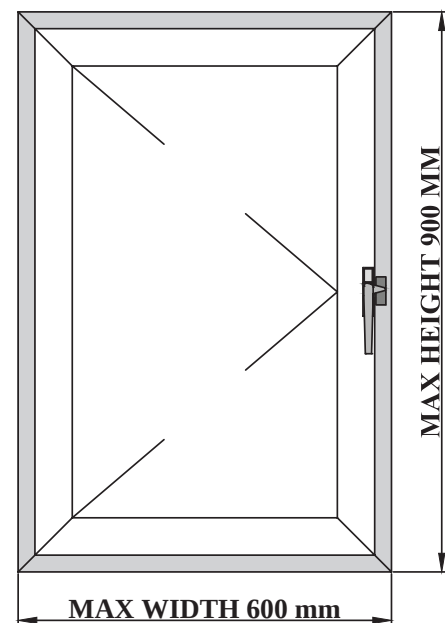
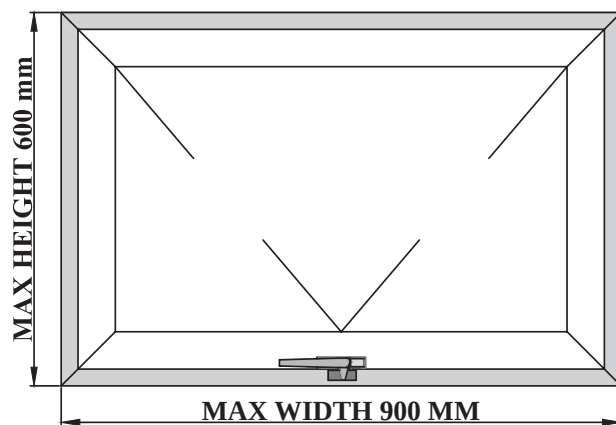
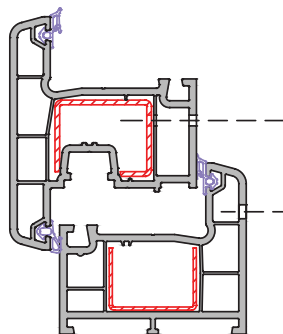
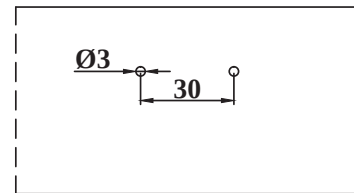
Locking on Lap Joint Profile 41101 - 15000



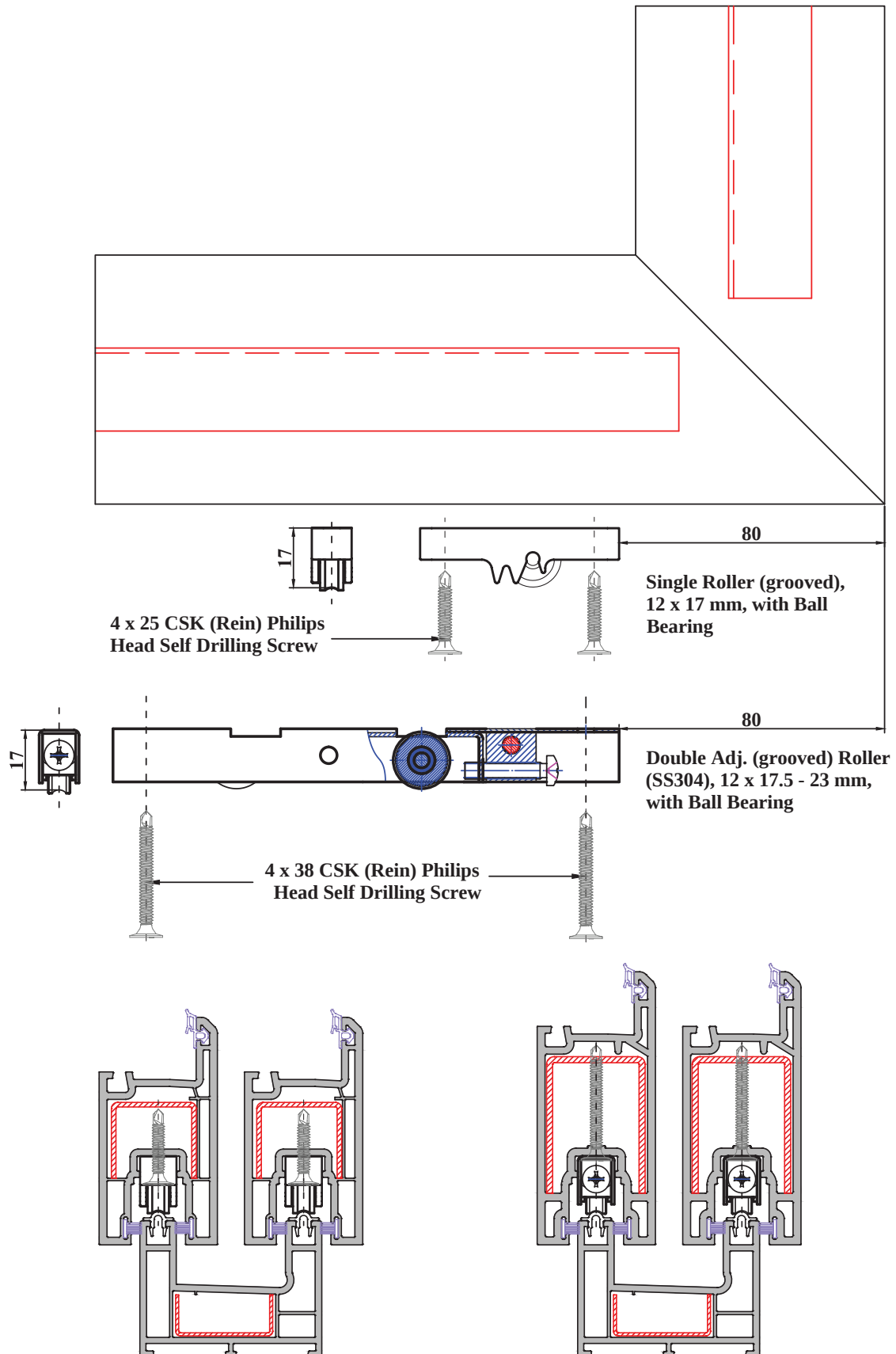
COCKSPUR HANDLE FITMENT DETAILS



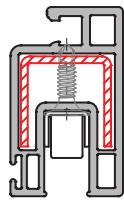
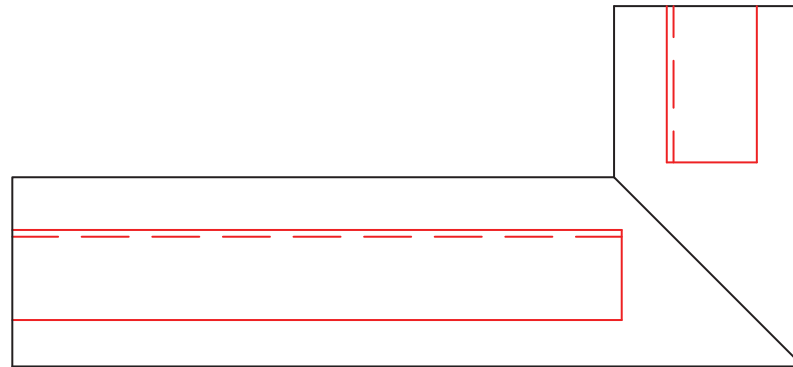
Holes for fixing Handle Wedge



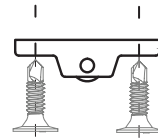
SLIDING SASH ROLLER FITMENT DETAILS



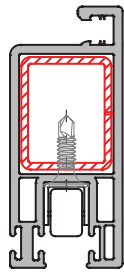
SCREEN SASH PROFILE FITMENT DETAILS



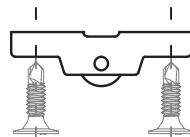
Screen Sash Profile



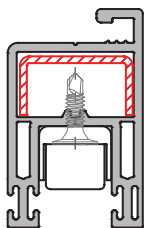
80



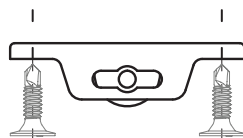
Mega Screen Sash Profile



80

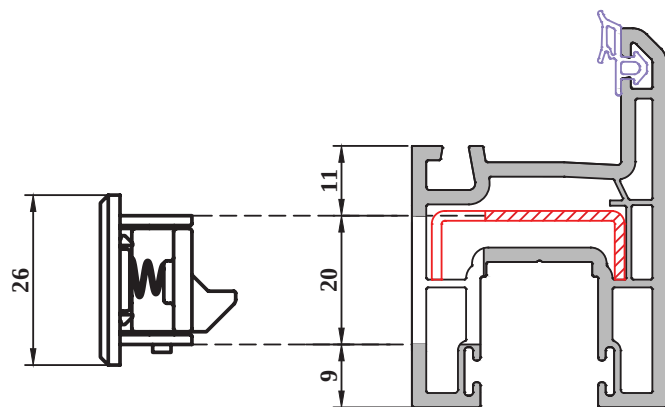
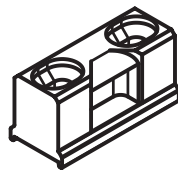


Super Screen Sash Profile



80

TOUCH LOCK AND STRIKER FITMENT DETAILS

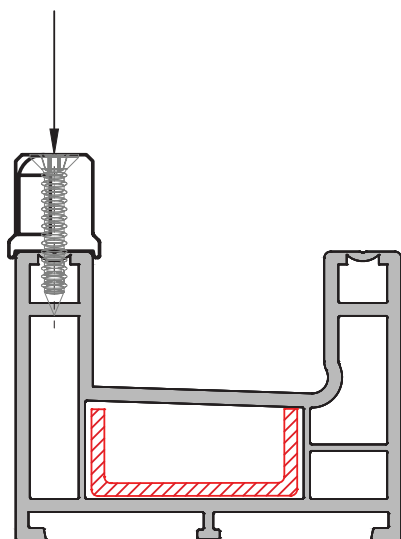


Sash Routing for Touch Lock Fitting

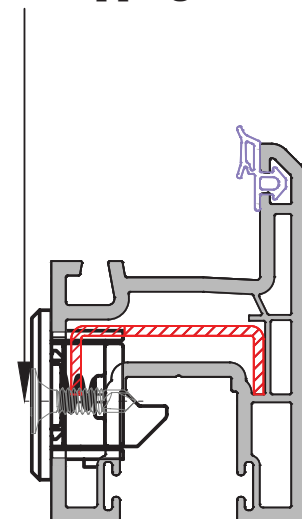
Code : 2001B-30201(Left)

Code : 2001B-30301(Right)

**4 x 32 CSK (PVC) Philips Head
Self Tapping Screw**



**4 x 16 CSK (REIN) Philips Head
Self Drilling and Tapping Screw**



SLIDING WINDOW/DOOR L HANDLE FITMENT DETAILS

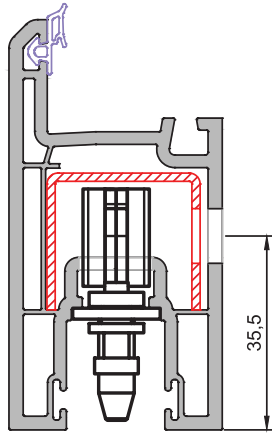


Figure 1: Sash Routing

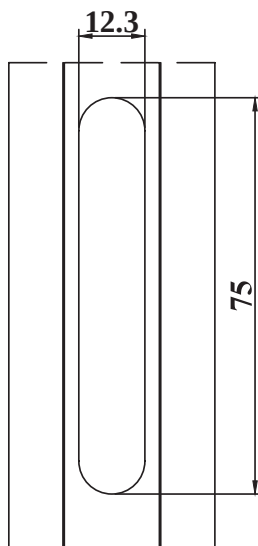
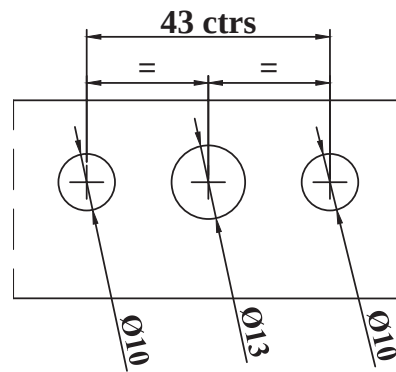
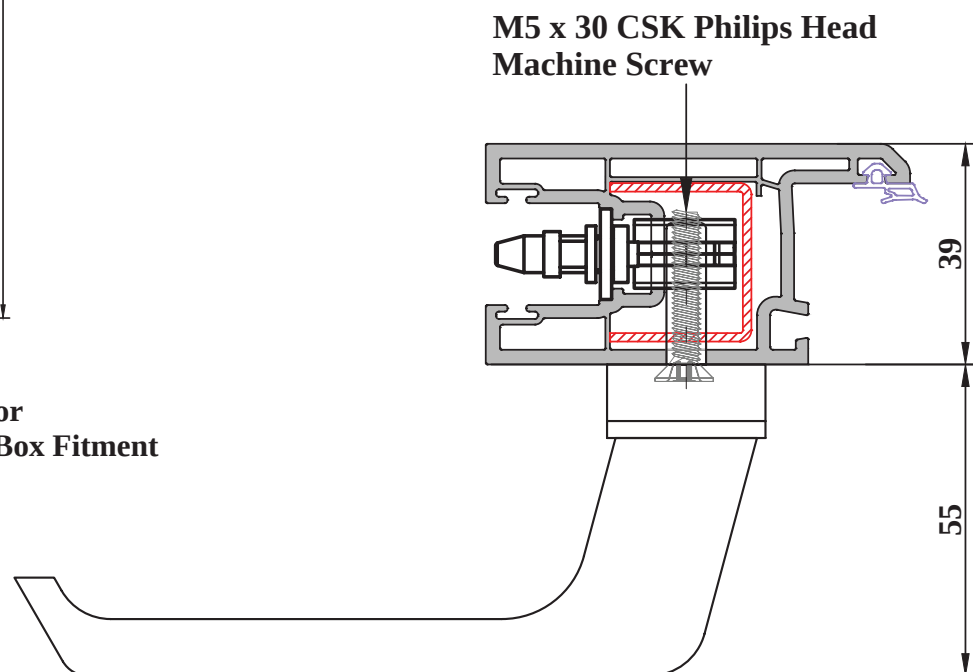


Figure 2: Routing for Espagnolette Gear Box Fitment



Please note that espagnolette fitting must be done using M4 X 25 CSK (PVC) Philips head self tapping screw.

SLIDING WINDOW/DOOR POP-UP HANDLE FITMENT DETAILS

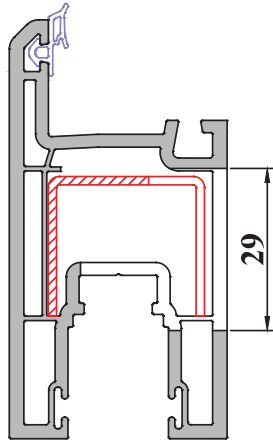


Figure 1: Super Sash Routing for Handle and Espagnolette Fitment

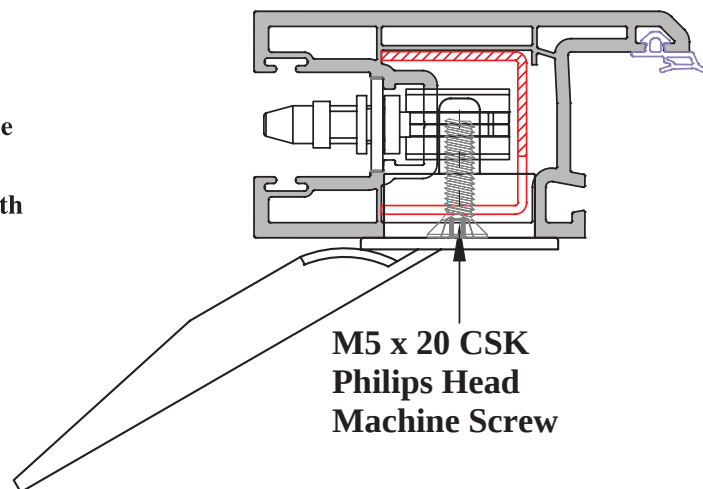


Figure 2: Pop-Up Handle

Figure 3: Assembly of Pop-Up Handle

Notes:

1. The routed slot dimension for pop-up handle fitment should be 29 x 139 mm.
2. It is recommended to use reinforcements with punched section for pop-up handle fitment.



SLIDING WINDOW/DOOR LOW NECK HANDLE FITMENT DETAILS

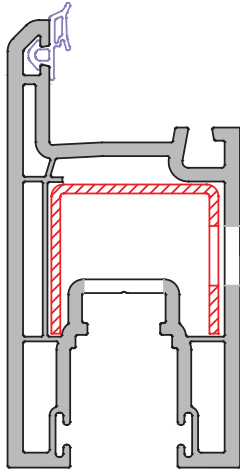


Figure 1: Sash Routing

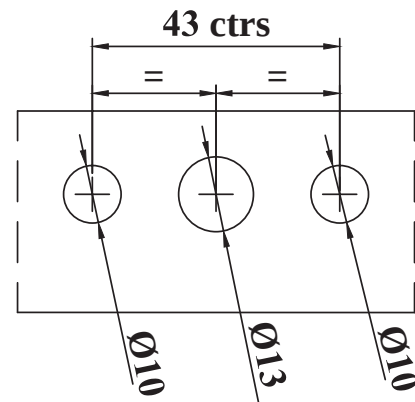
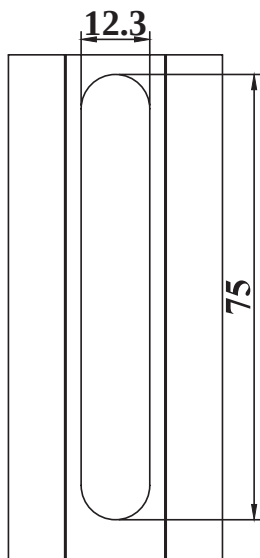
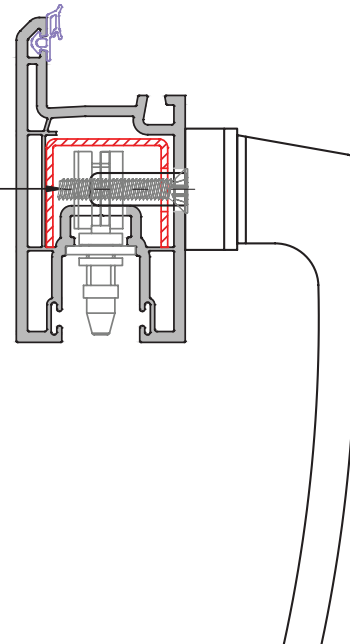


Figure 2: Holes for Handle Fitment



**Figure 3: Routing for
Espagnolette Gear Box Fitment**

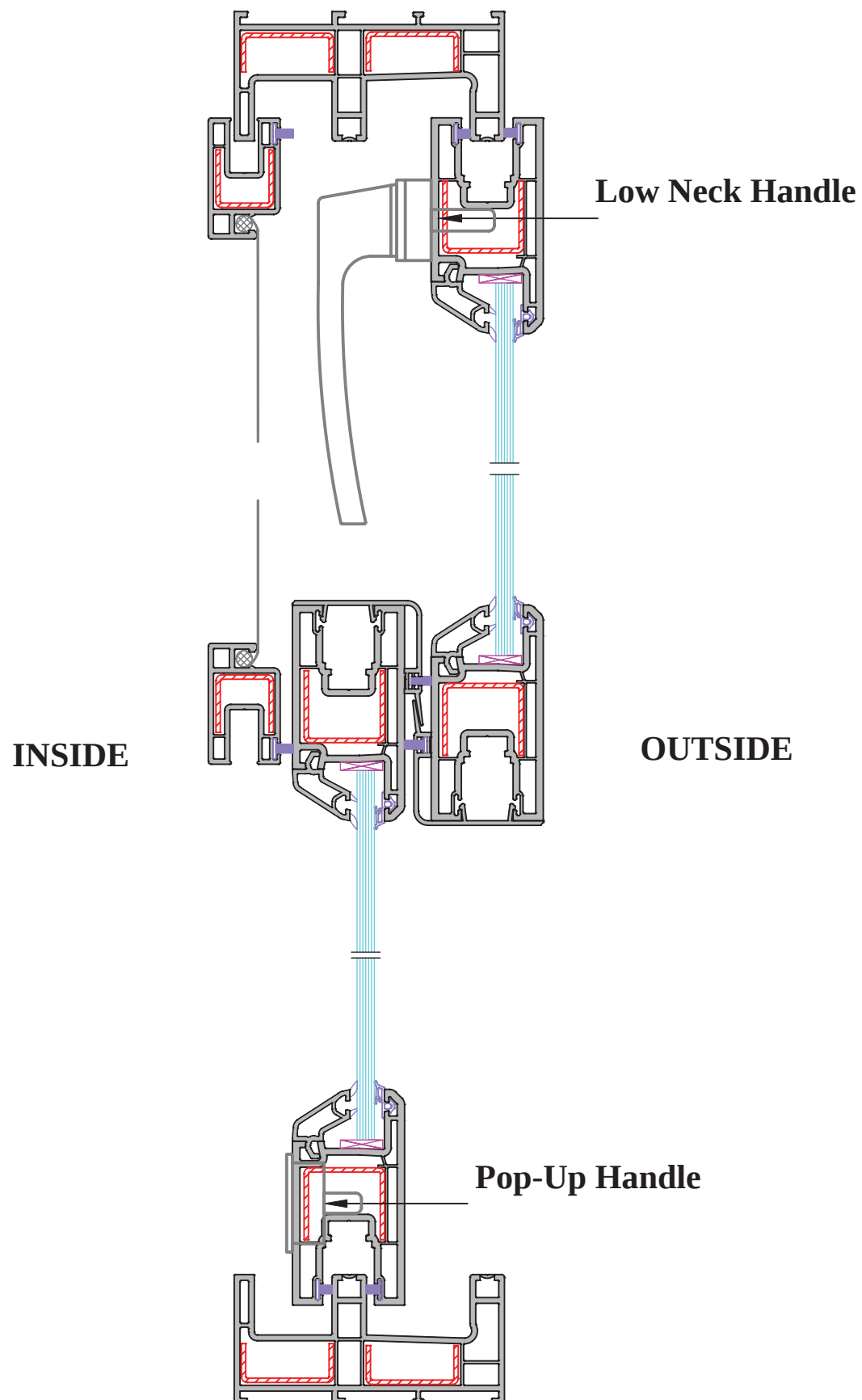
**M5 x 30 CSK
Philips Head
Machine Screw**



Notes:

1. The use of low neck handle is recommended when using double rail with screen track profile systems.
2. The low neck handle must be fitted on the sash which is sliding on the exterior track of the system, and pop up handle on the other.

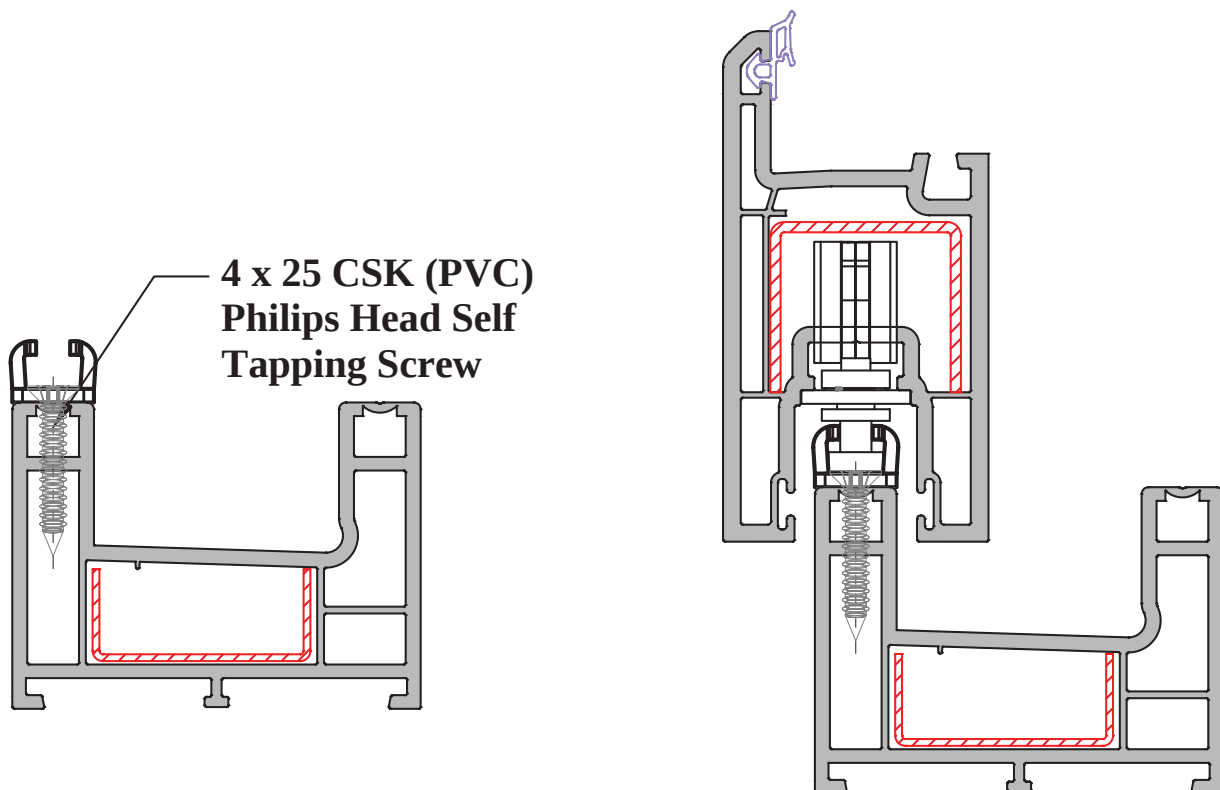
HANDLE ALIGNMENT IN DOUBLE RAIL WITH SCREEN TRACK PROFILE



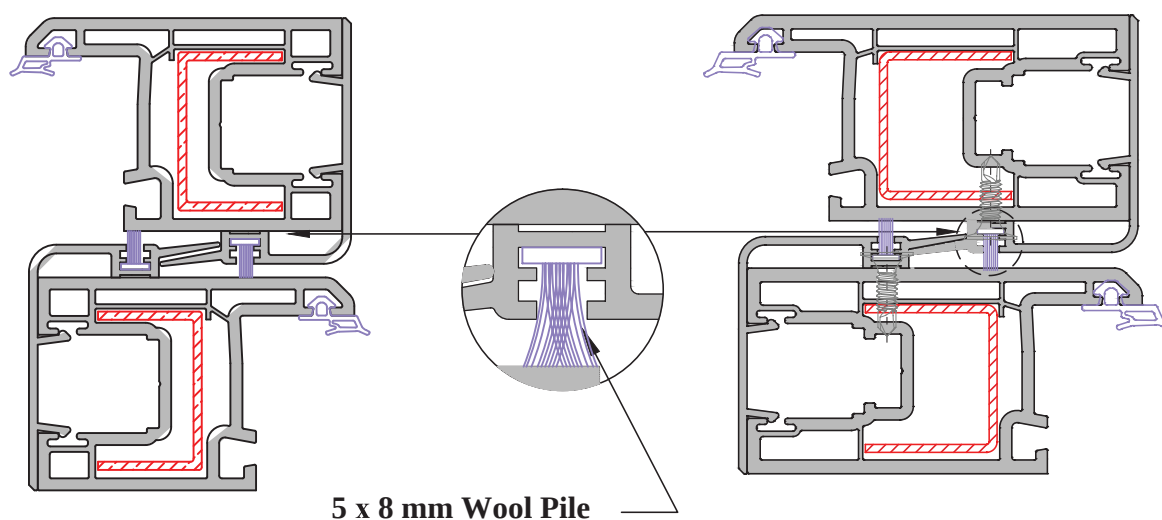
SLIDING WINDOW/DOOR STRIKER FITMENT DETAILS



Note: Sliding striker (20011 - 19000) must be used with multi point locking mechanism only.

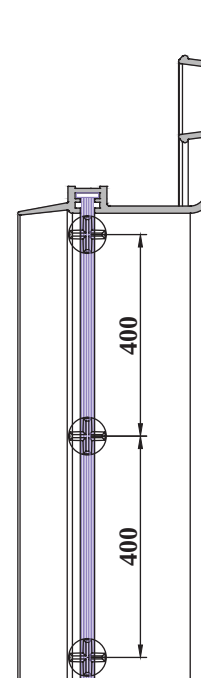


WOOL PILE FIXING DETAILS



Note:

1. Wool pile should be fitted in such a way that it compresses 10-15% on fitment. This provides higher air tightness, improved sound proofing and better protection against insects.
2. It is recommended to 4 x 16 CSK self drilling screw to fix the wool pile at every 400 mm after insertion to ensure that wool pile does not come out during operation.



Item code	Description	Usage		
21919-17458	Woolpile 5 x 8 mm, grey	I-60 Sliding sash covers	I-64 Sliding sash covers	Anti lift Block
21919-29958	Woolpile 5 x 8 mm (with fin), grey	-do- but optional		
21919-17566	Woolpile 6 x 6 mm, grey	All Sliding sashes		I-44 lap strip & I-50 sash cover
21919-17668	Woolpile 6 x 8 mm, grey	All screen sashes		
21919-17710	Woolpile 6 x 10 mm, grey	Super screen sash profile(Outer side)		

SCREWS AND FASTENER APPLICATION

S.No.	Type	VEKA Part Code (New)
1	CSK (REIN)	22202-12416
2		22202-13516
3		22201-12519
4		22202-12825
5		22201-21319
6		22202-12525
7	Round Head (Rein)	22202-12838
8		22201-21419
9	CSK (PVC)	22202-13550
10		22202-13550
11		22202-13825
12		22201-21319
13	Frame Anchor	22202-14408 / 20602-37608

Description	Application	
4 x 16 CSK (Rein) Philips head Self drilling & tapping Screw	Reinforcement fixing in Outer frames (CW & SW) and sliding window sash	
	Fixing of Touch lock in Sliding window	
	Fixing of Cavity block in Casement window frame & sash	
4 x 19 CSK (Rein) Philips head Self drilling & tapping Screw	Mullion block fixing in Casement window mechanical joint)	
	Interlock fixing in SW & SD	
	Reinforcement fixing in Sliding super sash and Casement door sash	
4.2 x 19 CSK (Rein) Philips head Self drilling & tapping screw (SS410)	Fixing of Friction stay in Casement window sash	
4 x 25 CSK (Rein) Philips head Self drilling & tapping screw	Fixing of Spacer block in SW, Bump stopper in SW & SD	
4 x 38 CSK (Rein) Philips head Self drilling & tapping Screw	Butt hinge fixing to Casement window frame & sash)	
	Cockspur handle fixing in Casement window	
	Double Roller fixing in Sliding door	
4.8 x 60 CSK (Rein) Philips head Self drilling & tapping Screw	3 Track Coupler	
4.2 x 19 Round (Rein) Philips head Self drilling & tapping	Fixing of Single Roller in SW and Mesh Roller in SD	
4.2 x 19 Round (Rein) Philips head Self drilling & tapping	Fixing of Friction stay in Casement window frame	
4 x 50 Round (Rein) Philips head Self drilling & tapping screw	Fixing of Inline sash adaptor in SW & SD	
	All Frame couplings except 3 Track coupler fixing	
4 x 16 CSK (PVC) Philips head Self tapping screw	Fixing of Anti lift block in SW & SD	
4 x 25 CSK (PVC) Philips head Self tapping screw	Espag fixing in Sliding door, Casement window & Casement door	
	Spacer block fixing in Sliding door	
	Striker fixing	
4 x 38 CSK (PVC) Philips head Self tapping screw	Casement wedge fixing	
	Screen sash adaptor fixing to Casement frame as ventilator	
Frame Anchor Expansion Bolt 8 x 100 mm / 8 x 80 mm	Installation screw	



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