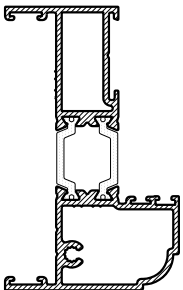
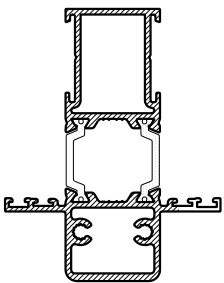


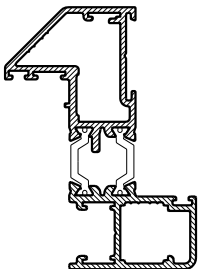
CS810
FIXED LIGHT / OUTER FRAME



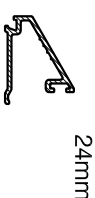
CS819
75mm FIXED LIGHT / OUTER FRAME OVOLO
(SHOOTBOLT LOCKING ONLY)



CS821
HIGH SPAN MULLION FOR
OUTER FRAME CS817, CS818
(SHOOTBOLT LOCKING ONLY)



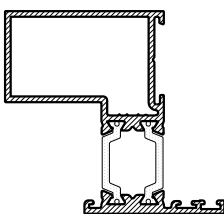
CS825
VENT (FEATURE) - EXTERNAL BEAD
SHOOTBOLT LOCKING
COCKSPUR LOCKING



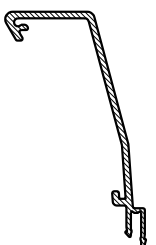
CS826
BEAD
EXTERNAL
GLAZED VENT



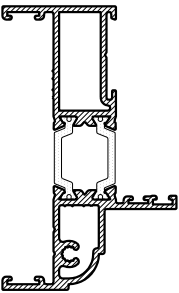
CS829
BEAD
INTERNAL
GLAZED VENT



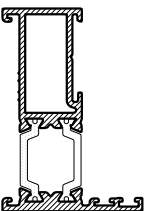
CS813
CURTAIN WALL
WINDOW INSERT



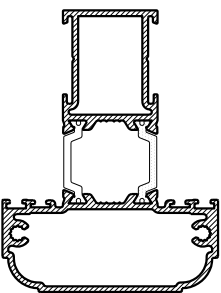
CS588
52MM SUB SILL NOSING



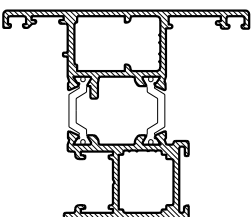
CS815
75mm FIXED LIGHT / OUTER FRAME OVOLO
(COCKSPUR LOCKING)



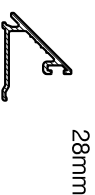
CS834
FIXED LIGHT / OUTER FRAME
SHORT LEG



CS822
HIGH SPAN MULLION OVOLO FOR
OUTER FRAME CS815, CS819
(SHOOTBOLT LOCKING ONLY)



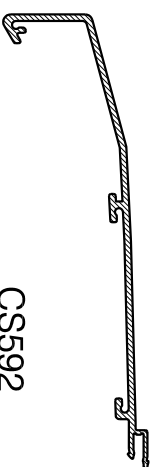
CS833
VENT (FLAT) - INTERNAL BEAD
SHOOTBOLT LOCKING
COCKSPUR LOCKING



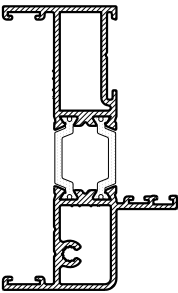
CS827
BEAD
EXTERNAL
GLAZED VENT



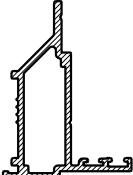
CS830
BEAD
INTERNAL
GLAZED VENT



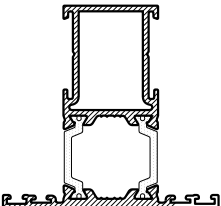
CS592
110MM SUB SILL NOSING



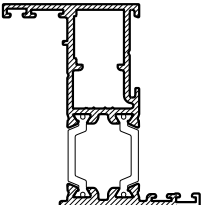
CS817
75mm FIXED LIGHT / OUTER FRAME
(SHOOTBOLT LOCKING ONLY)



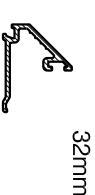
CS820
VENT TRANSFER
(INTERNAL BEADED FRAME)



CS832
TRANSOM / MULLION



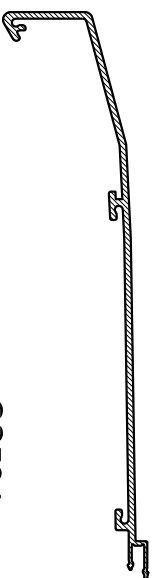
CS836
VENT (FLAT) - INTERNAL BEAD
COCKSPUR LOCKING



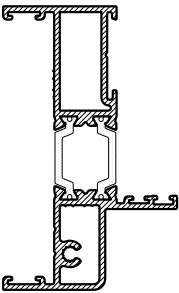
CS828
BEAD
EXTERNAL
GLAZED VENT



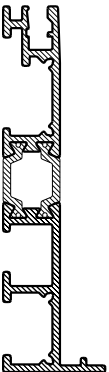
CS831
BEAD
INTERNAL
GLAZED VENT



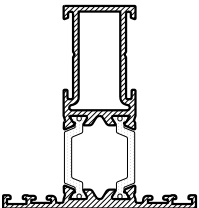
CS594
140MM SUB SILL NOSING



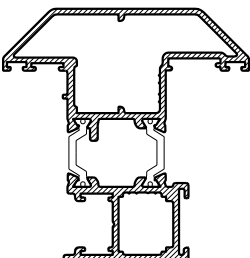
CS818
75mm FIXED LIGHT / OUTER FRAME
(COCKSPUR LOCKING)



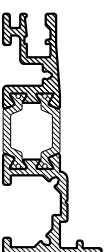
CS485
FRAMEWORK SUB SILL (T.B.)



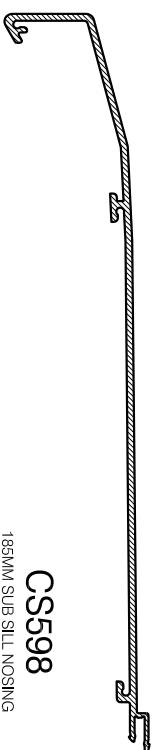
CS835
TRANSOM / MULLION



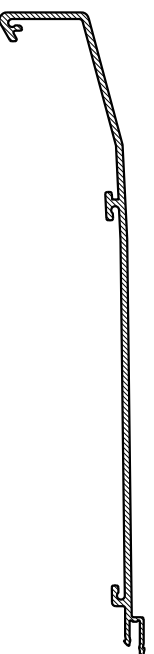
CS838
VENT (FEATURE) - INTERNAL BEAD
SHOOTBOLT LOCKING
COCKSPUR LOCKING



CS484
WINDOW SUB SILL (T.B.)



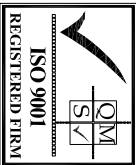
CS598
185MM SUB SILL NOSING



CS596
160MM SUB SILL NOSING



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ARCHITECTURAL ALUMINIUM SYSTEMS

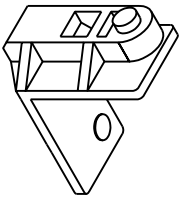


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Tel: 020-8885 9885 Fax: 020-8687 1142
Email: technical@parksidegrp.co.uk
Web Site: <http://www.comar-alu.co.uk>

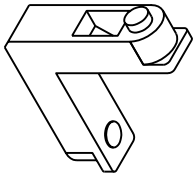
**POLYAMIDE INSULATED WINDOWS
COMAR SPI ECO THERMALLY EFFICIENT WINDOW SYSTEM
PROFILES
BROAD SHEET 1**

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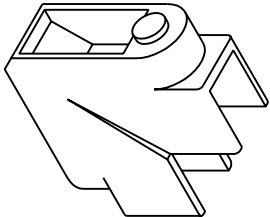
comar spi			
DRAWN	VM/CAD	SCALE	1:2 @A3
DATE	14/05/07	DWG. No.	C5-Pi-ECO-1.03



WS341XSLEF
MECHANICAL CLEAT



WS394XSLEF
MECHANICAL CLEAT



WS364XSLEF
MECHANICAL CLEAT



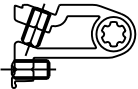
WS808XKIT
1 x 10.5mm CUT CLEAT
1 x FX612 (M6 x 7mm SCREW)
2 x FX611 (M5 x 10mm GRUB SCREW)



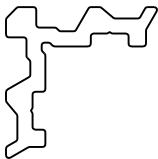
GK 405
4MM WEDGE GREEN STRIP



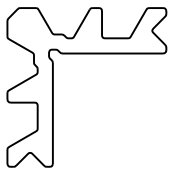
CS 583
DOOR & WINDOW DRIP



GK 422
2MM ARROW HEAD GASKET



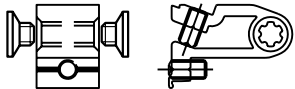
WS846XSLEF
CRIMPING CLEAT (25.4mm)



WS847XSLEF
CRIMPING CLEAT (13.8mm)



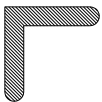
CS 215
WINDOW DRIP



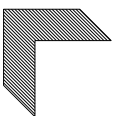
WS807XKIT
1 x 10.5mm CUT CLEAT
2 x FX612 (M6 x 7mm SCREW)
2 x FX611 (M5 x 10mm GRUB SCREW)



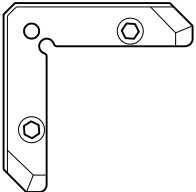
GK 442
COMPRESSION WEATHER STRIP



WS515XSLEF
CHEVRON



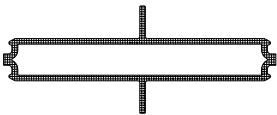
WS815XSLEF
CHEVRON



WS416XSLEF
ALIGNMENT SQUARE



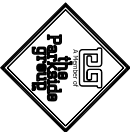
GK856
DIRECT COUPLING LOCATOR



GK866
DIRECT COUPLING LOCATOR



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POLYAMIDE INSULATED WINDOWS
COMAR 5PI ECO THERMALLY EFFICIENT WINDOW SYSTEM
ACCESSORIES
BROAD SHEET 2

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comar 5PI			
DRAWN	VM/CAD	SCALE	1:2 @A3
DATE	27/04/07	DWG. No.	C5-PI-ECO-1.04

2. Datum for Coitswold hinge fixing to sash. Mark hole positions first, drill to centre of slots, fit hinge, adjust if required, then drill datum hole and fit screw to "lock" hinge position.

HINGE TYPE	VENT HOLE POSITION (X)
12" SH R & NR	32.6*
16" SH NR	32.6*
16" SH R	36.2*
12" TH R	32.6*
16" - 24" TH R	36.2*
8" - 24" TH NR	36.2*
EASY CLEAN	20.8

[illegible]

HINGE TYPE	OUTER FRAME HOLE POSITION "y"
ALL TYPES	15.5
HEAVY DUTY	36.5
EASY CLEAN	31.3

PROFILES	
Outer Frames	Work size
Cut to	
Millions/transoms	
Cut to	Work size - 42mm
Sash size	
Mitre cut to	Work size - 30mm
or	Edge to E - 18.5mm
or	E to E - 7mm

GLASS
Sash Glass Cut to Sash size - 82mm

Diagram illustrating hardware components for a window frame. The diagram shows a cross-section of a window frame with various hardware parts labeled with circled numbers 2 and 3. A callout shows a detail of a screw being driven into a bracket.

side projected window option details.



ISO 9001
REGISTERED FIRM

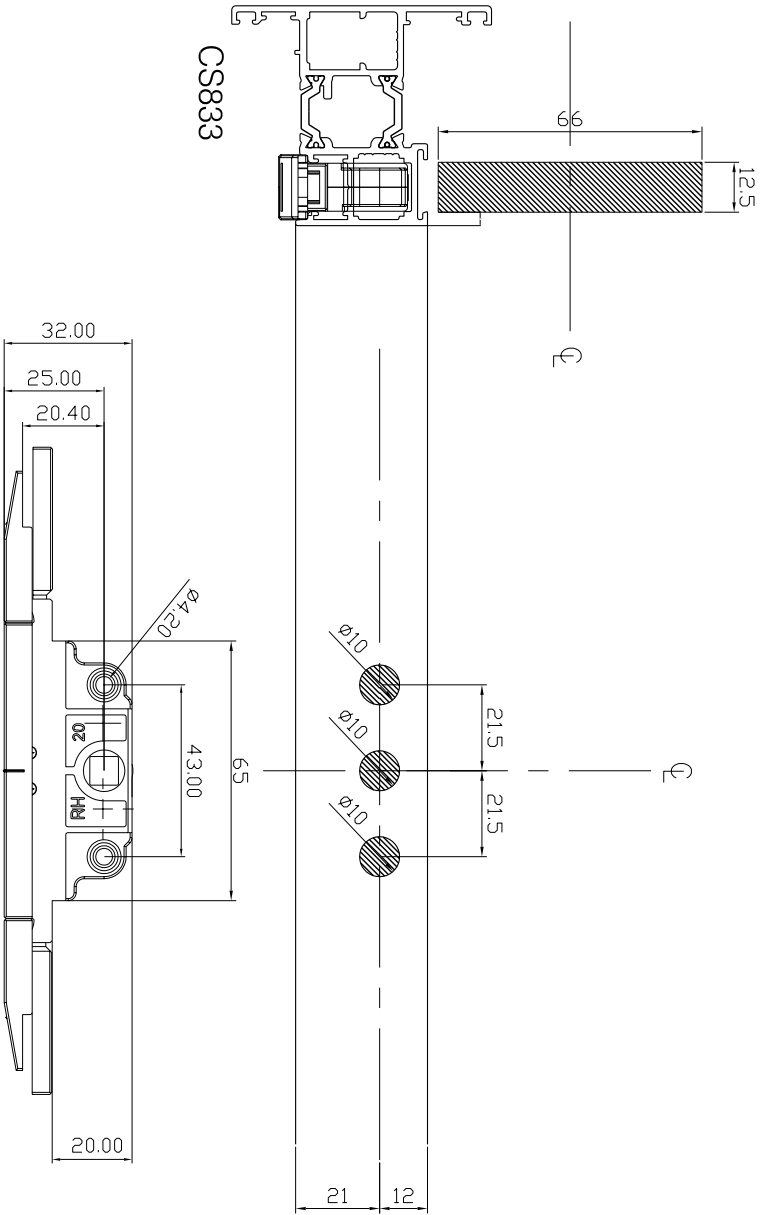
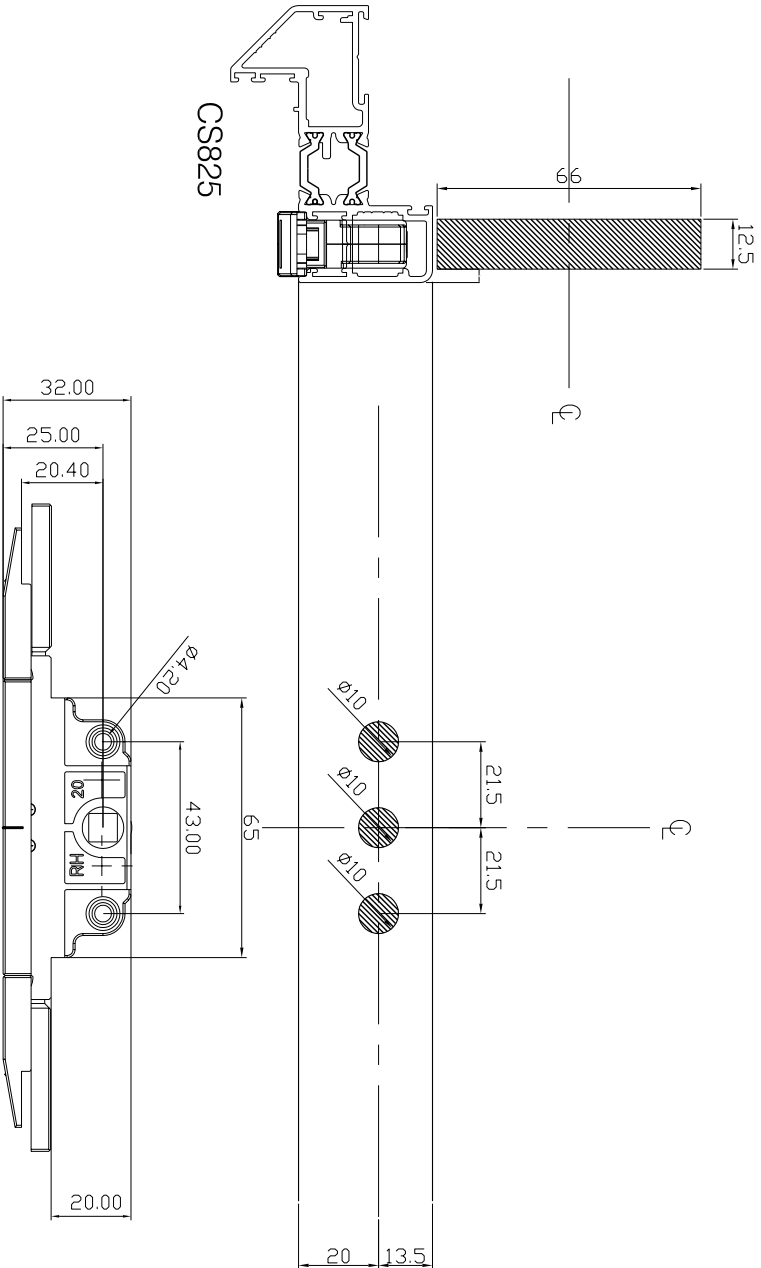
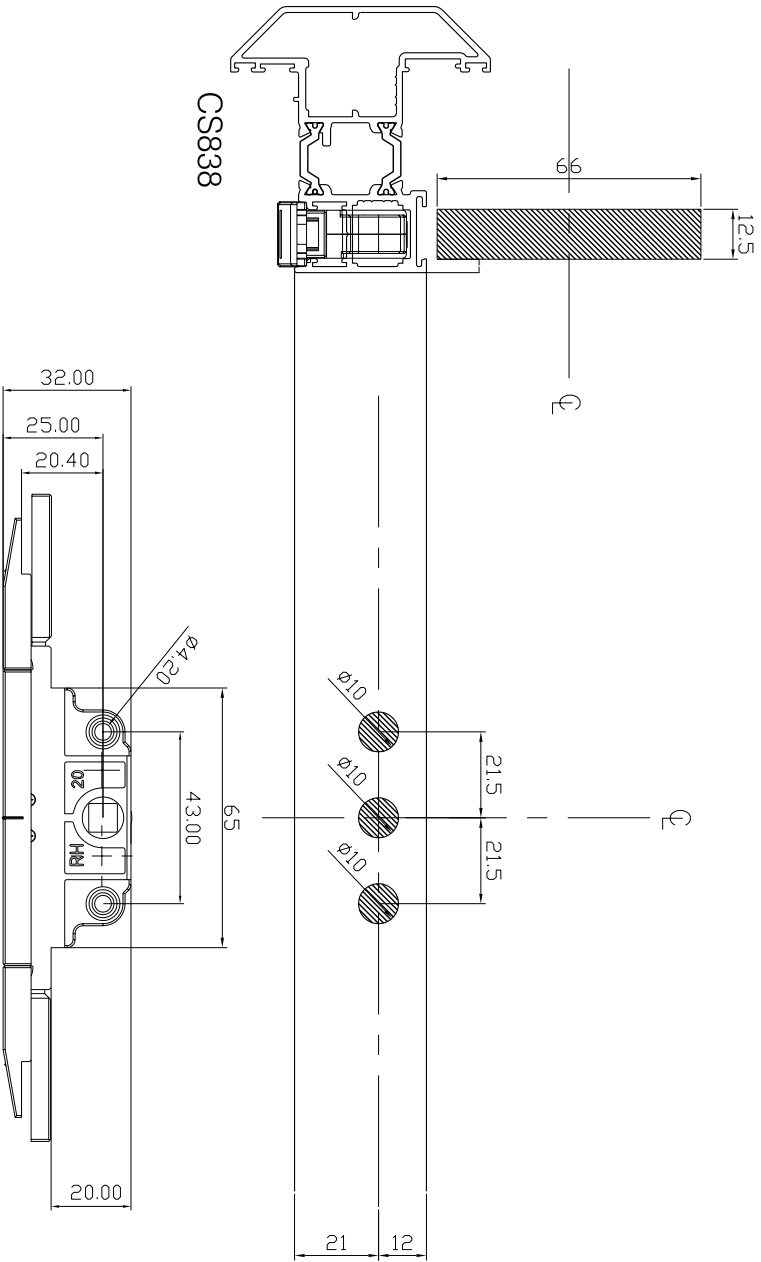


**POLYAMIDE INSULATED WINDOW
COMAR 5Pi ECO THERMALLY EFFICIENT WINDOW SYSTEM
OPEN OUT CASEMENT. PREPARATION AND ASSEMBLY
PROJECTED MULTI-LIGHT WITH EXTERNAL GLAZING BEADS**

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comar SP.i

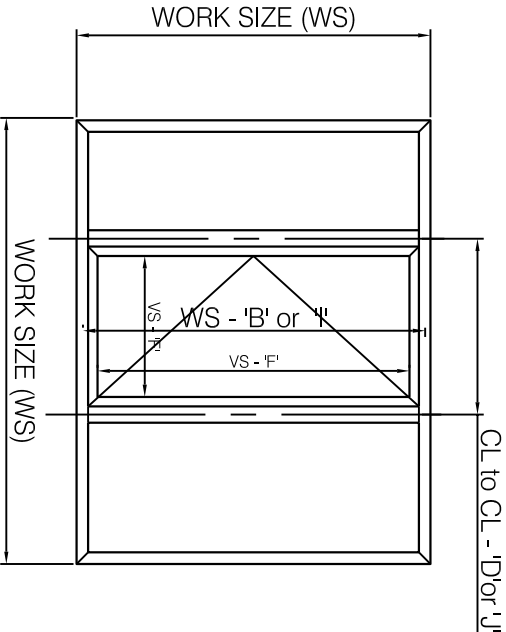
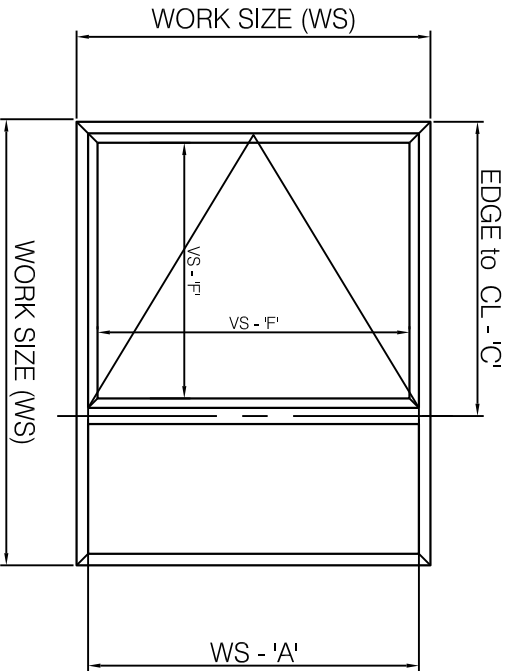
DRAWN	VM/CAD	SCALE	N.T.S	@A3
DATE	5/06/07	DRG. No.	C5-Pi-ECO-5.14	



PREPARATION OF CS 825, CS 833, CS 838
FOR ESPAGNOLETTE HANDLE WS805, WS806
AND GEARBOX LK808XSLF
HANDLE FIXING - M5 X 20MM CSNK POZI MACHINE
SCREW FX800XSLF

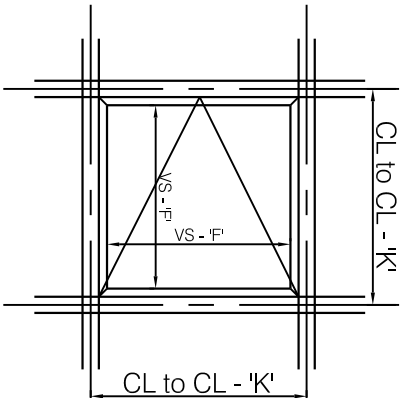
MULLION/TRANSOM LENGTH

WORK SIZE - 'A'							
OUTER FRAME	CS834	CS810	CS815	CS817	CS818	CS819	
	'A'	'A'	'A'	'A'	'A'	'A'	
TRANSOM PROFILES	CS835	-42	-60	-60	-60	-60	-60
	CS832	-42	-60	-60	-60	-60	-60
	CS821	-	-	-	-60	-54	-
	CS822	-	-	-35	-	-	-60



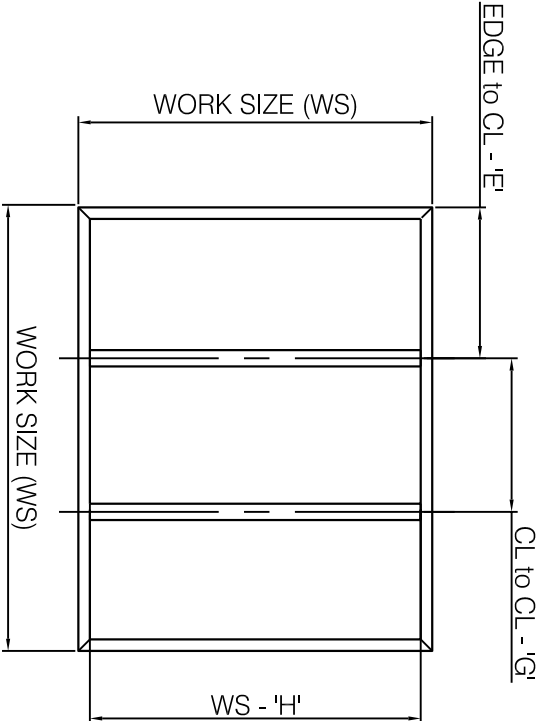
VENT CUTTING OPTIONS & GLASS SIZES

		WORK SIZE - 'B'		EDGE TO € - 'C'				€ TO € - 'D'		WORK SIZE - 'I'		€ TO € - 'J'		€ TO € - 'K'		GLASS SIZE												
OUTER FRAME		CS834	CS810,815, 817,818,819	CS834		CS810,815, 817,818,819				CS834	CS810,815, 817,818,819	WITH TRANSFER CS 820		CURTAIN WALL INSERT CS813		VENT SIZE (VS) - 'F'												
TRANSOM/MULLION				CS835	CS832, 822, 821		CS835	CS832, 822, 821		WITH TRANSFER CS 820		CS835	CS832, 822, 821															
CS836		-30		-48		-18.5		-21.5		-27.5		-30.5		-7			-13		-62		-80		-38.5		-44.5		-91.5	
CS833																												
CS825																												
CS838																												
CS820																												
CS813																												



FIXED LIGHT GLASS SIZES

		WORK SIZE - 'H'	EDGE TO € - 'E'		€ TO € - 'G'	
TRANSOM/MULLION			CS835	CS332,822, 821	CS835	CS332,822, 821
	CS834	-52	-40.5	-43.5	-29	-35
OUTER FRAME	CS810, 815, 817, 818,819	-70	-49.5	-52.5		



DENOTES:

OUTER FRAME CUT TO WORK SIZE

MULLION/TRANSOMS - WORK SIZE - 'A'

VENT SIZE CUT TO:

1) WORK SIZE - 'B' OR WS - 'I' (with vent transfer CS820)

2) EDGE TO € - 'C'

3) € TO € - 'D' OR € TO € - 'J' (with vent transfer CS820)

€ TO € - 'K' (with curtain wall insert CS813)

VENT GLASS SIZE:

1) VENT SIZE - 'F'

FIXED LIGHT GLASS SIZE:

1) WORK SIZE - 'H'

2) EDGE TO € - 'E'

3) € TO € - 'G'

GLAZING BEADS:

1) GLASS SIZE +14.6MM