

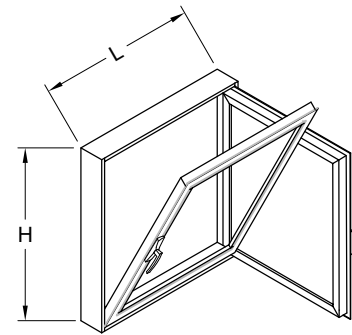
## VOLET OSCILLO-BATTANT

La gamme de profilés d'aluminium de la Série 68 STH permet la production de différents cadres de volet oscillo-battant ouvrant vers l'intérieur. Ce système de fenêtres, fabriqué par Alumico Architectural inc., est en conformité avec les caractéristiques suivantes:

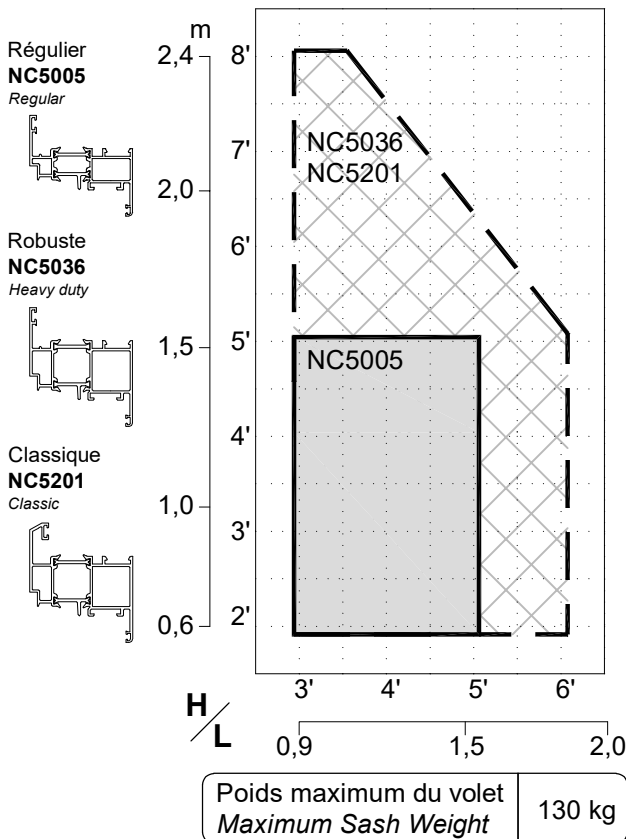
La fabrication du système de fenêtres est faite selon le principe de l'écran pluvial. Les profilés d'aluminium extérieurs et intérieurs du cadre et du volet sont reliés par le système SUPERTHERMIK 68™ composé de deux barrettes de polyamide de nylon 6/6 renforcé de fibre de verre, extrudées mécaniquement, munies sur toute leur longueur de deux cordons de colle et assemblées par moletage et sertissage de façon à obtenir un ensemble solide résistant à une pression minimale en cisaillement de 400 Kg sur une longueur de 100mm. Le moletage et sertissage des profilés est réalisé en continu assurant la solidité et l'étanchéité entre les profilés. Les coins des volets sont coupés à onglets, réunis et renforcés par des équerres d'assemblage pressées mécaniquement pour obtenir des joints robustes. L'assemblage hors tout du cadre a une **profondeur de 60mm (2 3/8")**, de **68mm (2 11/16")**, de **114mm (4 1/2")** ou de **152mm (6")**. Les volets Réguliers, Robustes et Classiques ont une **profondeur de 68mm (2 11/16")**. Les parclozes de type carrées ou arrondies s'installent à pression et sont munies d'une garniture pare-air/eau profilée à double densité. Toutes les composantes d'aluminium sont faites de l'alliage 6063 de la trempe T5.

## TILT AND TURN SASH

The complete range of 68 STH Series aluminum profiles allows the production of inswing tilt and turn sash frames. This window system, manufactured by Alumico Architectural Inc., complies with the following specifications: manufacturing of the window system according to the rainscreen principle. External and internal aluminum frame and sash extrusions are connected using the SUPERTHERMIK 68™ system, which consists of two mechanically extruded glass-reinforced polyamide nylon 6/6 struts, each equipped along its entire length with two adhesive strips, knurled and crimped to achieve a solid assembly resistant to a minimum shearing pressure of 400 kg over a length of 100 mm. The knurling and crimping of profiles are continuous, ensuring the integrity and seal between them. The corners of the sash are miter-cut, joined, and reinforced by mechanically pressed assembly brackets to obtain robust joints. The frame assembly can accommodate **depths of 60 mm (2 3/8"), 68 mm (2 11/16"), 114 mm (4 1/2"), and 152 mm (6")**. Regular, Heavy-Duty, or Classic sashes have a **depth of 68 mm (2 11/16")**. The glass stops are of the square or rounded type, equipped with a pressure and air/water barrier gasket of dual density profile. All aluminum components are made of 6063 alloy with T5 temper.



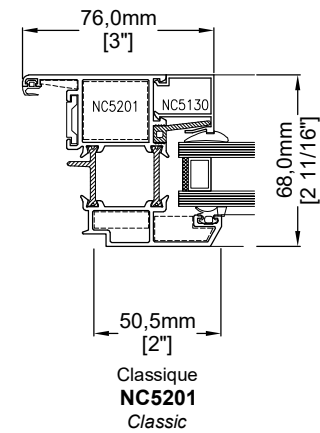
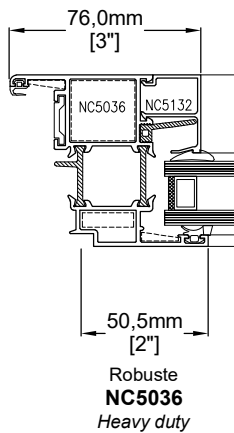
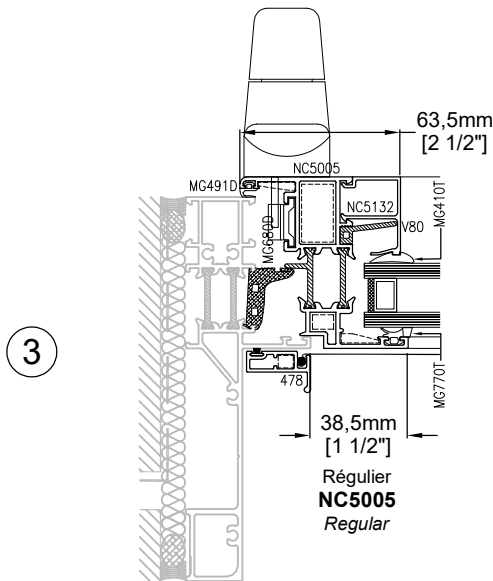
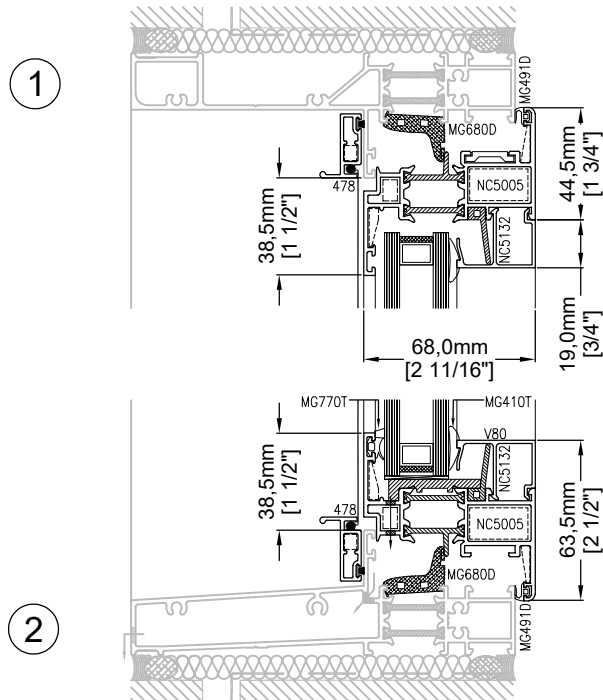
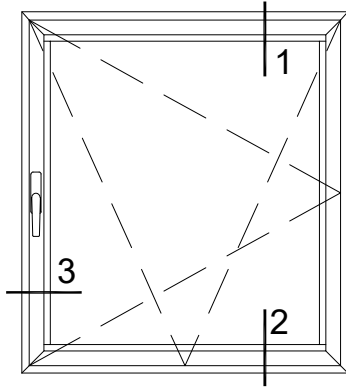
### Dimensions limites de volet Limit Sash Dimensions



Quincaillerie Hardware	Numéro de pièce Part Number
<b>STANDARD</b>	
Crémone Prima oscillo-battant <i>Prima cremone tilt and turn</i>	G01033
Charnière oscillo-battant <i>Tilt and turn hinge</i>	G04711
Ensemble pour fonction de oscillo-battant <i>Kit for tilt and turn function</i>	G04704
Bras oscillo <i>Tilt arm</i>	G04200 & G04201
Ensemble de fermeture multipoint <i>Multipoint closure assembly</i>	G1343 & G4030
Multipoint avec retour d'angle <i>Multipoint closure system with back angle</i>	G04019
Moustiquaire amovible ou anti-vandalisme <i>Removable or vandal-proof screen</i>	MS01 & MS02
<b>OPTIONS</b>	
Crémone Prima à clé oscillo-battant <i>Prima cremone with lock tilt and turn</i>	G01149
Pentures dissimulées <i>Concealed hinges</i>	G04207
Limiteur d'ouverture <i>Limit arm</i>	F01456
Moustiquaire anti-vandalisme avec mèche en acier inoxydable <i>Vandal-proof screen with STS mesh</i>	MS03

Détails techniques disponibles  
[www.alumico.com](http://www.alumico.com)  
Technical details available

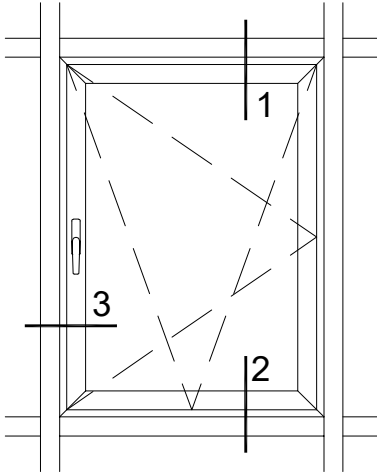
## ÉLÉVATION ET DÉTAILS STANDARDS STANDARD ELEVATION AND DETAILS



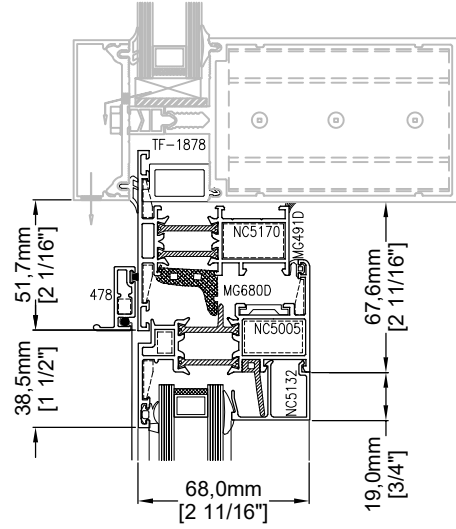
Volet / Sash	Divisions	Parcloses et épaisseurs de vitrage / Glass stops and thicknesses			
Regulier Regular	AL8651	NC5132 NC5132R AL1264 *	NC5130 NC5130R AL1264 *	NC5128 AL8215 *	NC5127M *
Robuste Heavy duty		25,0mm [1"]	33,0mm [1 5/16"]	40,0mm [1 9/16"]	48,0mm [1 7/8"]
Classique Classic	NC5103 AL9955	NC5130 NC5130R AL1264 *	NC5128 AL8215 *	NC5127M *	
		25,0mm [1"]	33,0mm [1 5/16"]	40,0mm [1 9/16"]	

\* Parcloses / Glass stop performance: AW

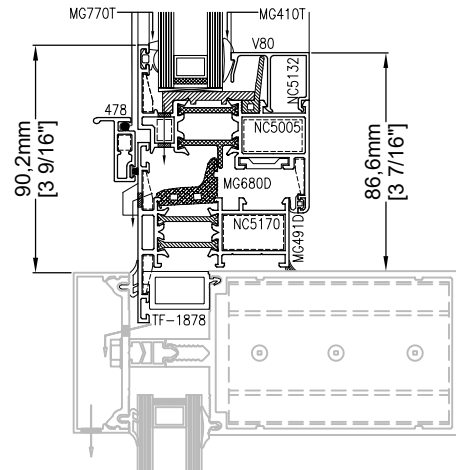
## Mur rideau / Curtain wall



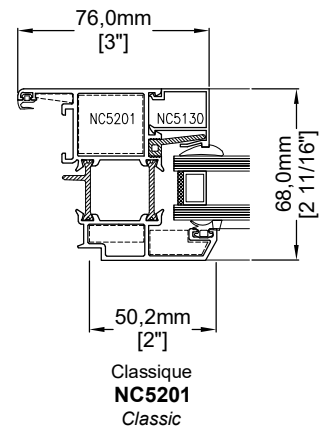
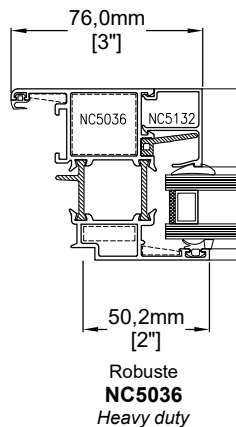
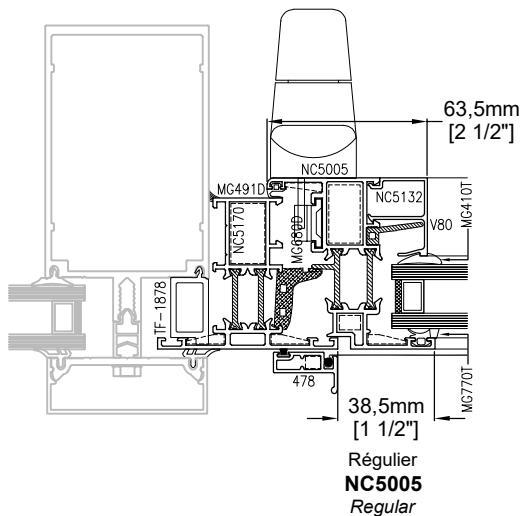
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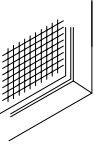
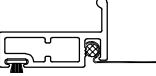

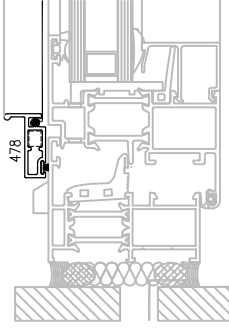
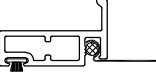

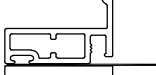



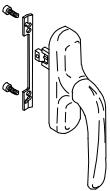
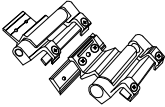
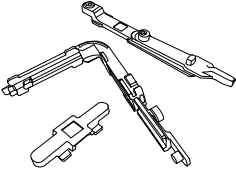
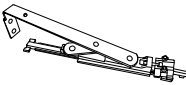
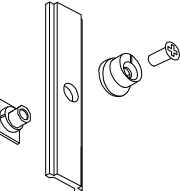
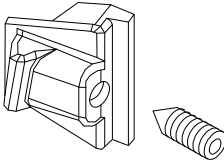
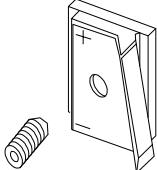
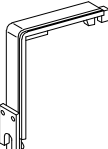
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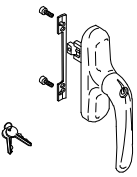
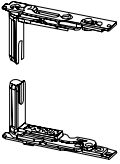
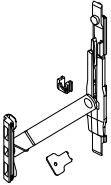
3



<b>Moustiquaire / Screen</b>			
Image	Description	Numéro de pièce <i>Part number</i>	Detail
	<p><b>MS01</b></p> <p>Mèche: Aluminium noir 16 x 18 x 0,2mm <i>Mesh: Black aluminum 16 x 18 x 0,009"</i></p> <p>Fixation: Attaches amovibles <i>Fastening: Removable clips</i></p>	<p>478</p>  <p>00201</p> 	
	<p><b>MS02</b></p> <p>Mèche: Aluminium noir 16 x 18 x 0,2mm <i>Mesh: Black aluminum 16 x 18 x 0,009"</i></p> <p>Fixation: Anti-vandalisme <i>Fastening: Vandal-proof</i></p>	<p>478</p>  <p>Torx® security</p> 	
	<p><b>MS03</b></p> <p>Mèche: Acier inoxydable noir/gris 12 x 12 x 0,5mm <i>Mesh: Black/Grey stainless steel 12 x 12 x 0,023"</i></p> <p>Fixation: Anti-vandalisme <i>Fastening: Vandal-proof</i></p>	<p>478 + 513</p>  <p>Torx® security</p> 	

Quincaillerie Standard <i>Hardware</i>			
Image	Description	Numéro de pièce <i>Part number</i>	Note
	Crémone Prima pour oscillo-battant <i>Prima Cremona for tilt and turn</i>	G01033	
	Charnière pour oscillo-battant <i>Hinge for tilt and turn</i>	G04711	
	Ensemble pour fonction de oscillo-battant <i>Kit for tilt and turn</i>	G04704	
	Bras oscillo <i>Tilt arm</i>	G04200 G04201	
	Ensemble de fermeture ajustable multipoint pour volet <i>Adjustable multipoint closing system for sash</i>	G4030	
	Ensemble de fermeture ajustable multipoint pour cadre <i>Adjustable multipoint closing system for frame</i>	G1343	
	Gâche pour fermeture multipoint <i>Keeper for multi point closing system</i>	G1350	
	Retour d'angle pour fermeture multipoint <i>Transmission angle for multipoint closing system</i>	G04019	

## Options: Quincaillerie / Hardware

Image	Description	Numéro de pièce <i>Part number</i>	Note
	Crémone Prima à clé oscillo-battant <i>Prima Cremona with lock for tilt and turn</i>	G01149	
	Charnières dissimulées <i>Concealed hinges</i>	G04207	
	Limiteur d'ouverture <i>Limit arm</i>	F01456	Limitation 100mm (4")