

EKU VERANDA



Sistemi in Alluminio per l'Architettura

- Prodotti e sistemi brevettati per la costruzione di serramenti a libro



### **DESCRIZIONE TECNICA DEL SISTEMA**

Profilati estrusi in lega di alluminio EN AW-6060 ( UNI EN 573-3 )

Stato di fornitura: T5

Tolleranze dimensionali e spessori: UNI EN 12020-2

Lunghezza commerciale barre profilati: mm. 6500

Caratteristiche principali del Sistema:

Dimensione base:

- sezione del telaio fisso	mm. 48
- sezione dell'anta	mm. 40,5
- altezza sede vetro	mm. 19,5
- larghezza massima per vetro o pannello	mm. 28

Vetrazione effettuata con fermavetri a scatto della serie "Sistema 1 PE40" oppure con ante con vetro ad infilare adatte anche alla realizzazione di persiane con entrata 25 mm.;

Telai fissi realizzati con profili compensatori per la posa in opera in luce muro;

Traversi da utilizzare della serie "Sistema 1 PE40";

La guida inferiore può essere esterna oppure incassata a pavimento;

Tenuta aria/acqua fra telaio ed anta ottenuta tramite guarnizione di tenuta esterna e doppia guarnizione centrale, fra anta e anta ottenuta tramite doppia guarnizione verticale;

Il numero delle ante collegate fra loro dovrà sempre essere dispari;

Le ante sono sospese su carrelli a quattro ruote con corpo in alluminio ricavato tramite stampaggio;

Il bloccaggio delle ante è ottenuto tramite il montaggio di un catenaccio a doppio effetto oppure è possibile applicare, nell' anta principale, serratura e doppia maniglia;

Carrelli, pattini e cerniere non necessitano di alcuna lavorazione sui profili per essere montati;

Le cerniere, realizzate in alluminio estruso, possono avere, in opzione, i perni sfilabili;

### **NOTE TECNICHE**

Il peso dei profilati in alluminio è quello teorico e potrà variare in funzione delle tolleranze dimensionali e di spessore previste dalla norma UNI EN 12020-2; le dimensioni di taglio indicate nelle apposite distinte inserite nel catalogo, sono calcolate in base alle dimensioni nominali: nella pratica potranno essere influenzate dalle tolleranze di estrusione, pertanto dovranno essere arrotondate secondo la precisione ed il tipo di impostazione delle misure nelle macchine impiegate.

Gli schemi, le sezioni e gli attacchi a muro riportati sul catalogo, non hanno valore limitativo, ma solo di esemplificazione di alcune delle situazioni che più comunemente si trovano nella realtà e di soluzione consigliabile.

La posa del serramento va eseguita rispettando la normativa, le prescrizioni e le raccomandazioni specifiche esistenti in Italia; in particolare, per la posa in opera occorre riferirsi alla guida UNCSAAL UX 42.

Il Sistema di profilati riportato in questo catalogo è brevettato; tutti i dati riportati nel presente catalogo sono indicativi e non impegnano la Profilati SpA e le Trafilerie Emiliane Sud SpA che si riservano di apportare in qualsiasi momento quelle modifiche che riterranno opportune al fine di migliorare i prodotti.

Quanto illustrato nel presente catalogo è di esclusiva proprietà di Profilati SpA e, a termine di legge, ne è vietata la riproduzione, anche parziale, se non esplicitamente autorizzata .



### **TECHNICAL DESCRIPTION**

Alluminium alloy EN AW-6060 ( UNI EN 573-3 ) extruded sections

Supply type: T5

Dimension tolerances and thickness: UNI EN 12020-2

Commercial bar length: 6500 mm

Main characteristics of the System:

Basic dimensions:

- fixed frame cross-section	48 mm
- leaf cross-section	40,5 mm
- glass seat space	19,5 mm
- maximum width for glass or panel	28 mm

The glass area can be executed either with snap on glass beading of the system "Sistema 1 PE40" or with wing with glass to be inserted suitable also for realisation of shutters with 25 mm seat;

Fix frame realised with compensator profiles for correct laying in the wall;

Transom to be used from system "Sistema 1 PE40";

The lower track can be putted on floor level or deep-set into the floor;

Water/air tightness between frame and leaf are obtained by using an external gasket along with a double central gasket.

Between 2 leaves the same is obtained by using a double vertical gasket;

The connected leaves have to be always odd;

Leaves are suspended on 4-wheels trolley with aluminium body obtained by pressing;

Leaves holding is obtained by mounting of double effect latch. It is also possible to mount on the main leaf a lock with double handle;

Trolleys, skatings and hinges doesn't need of any machining operation on the profiles for mounting;

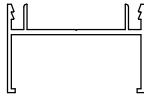
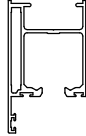
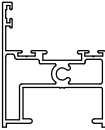
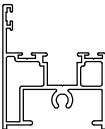
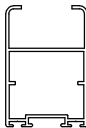
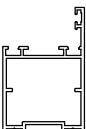

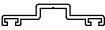
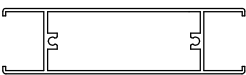
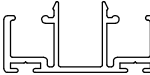
Hinges, realized with extruded aluminium, can have, as optional, slipping pins;

### **TECHNICAL NOTES**

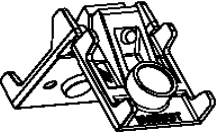
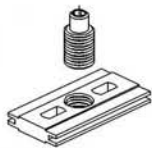

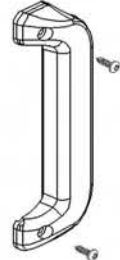

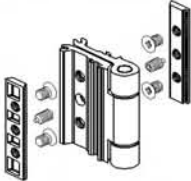
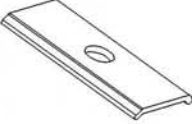
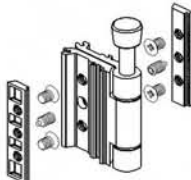




The weight of the alluminium sections is theoretical and can vary according to the dimensional and thickness tolerances specified by the UNI EN 12020-2 Standard. The cutting dimensions indicated in the appropriate forms are calculated on the basis of the nominal size. In practice these dimensions can be affected by extrusion tolerances; therefore they shall be rounded according to accuracy and type of measures set in the machines used. Diagrams, sections and wall connections shown in the catalogue are an indication and not a limitation; they simply show some of situations which are most commonly found in practice and recommended solutions. Window mounting shall be in compliance with standards, requirements and specific recommendations existing in Italy.

The system of sections shown in this catalogue is patented; all data given in this catalogue are an indication and do not bind Profilati SpA and Trafilerie Emiliane Sud SpA which reserve the right to make any modifications deemed appropriate to improve products.

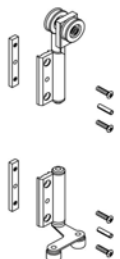
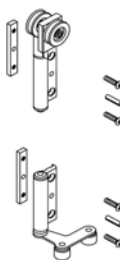
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Codice Code	Sagoma Shape	Kg/m.	Descrizione Description	Sup. Vista Shown surf. mm.	Jx cm. <sup>4</sup>	Perim. mm.
16108		0,654	Compensatore a muro <i>Wall compensator</i>	76	-	295
16109		1,604	Guida superiore <i>Upper guide</i>	146	19,8	471
16110		1,158	Guida laterale <i>Side guide</i>	98	-	326
16111		1,195	Guida inferiore <i>Lower guide</i>	98	-	380
16112		0,966	Anta vetro ad infilare <i>Wing with glass to be inserted</i>	133	9,66	302
16113		0,967	Anta con fermavetro <i>Wing with glass beading</i>	111	9,11	311
16114		0,338	Battuta riportata <i>Additional rabbet</i>	36	-	171
16115		0,243	Porta spazzolino <i>Brush-holder</i>	8	-	127
16117		1,545	Fascia da 120 mm. vetro ad infilare <i>Horizontal transom mm. 120 with glass to be inserted</i>	252	10,62	400
16118		0,480	Riporto anta per mezzi carrelli laterali <i>Additional wing profile for side trolleys</i>	61	-	242

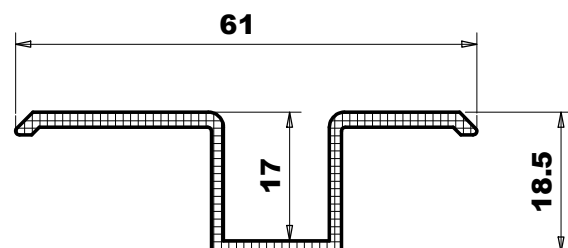
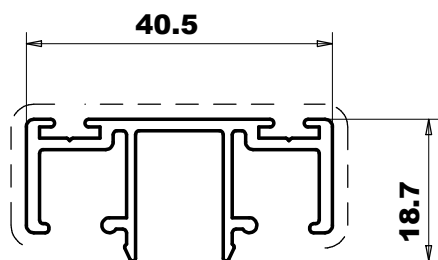
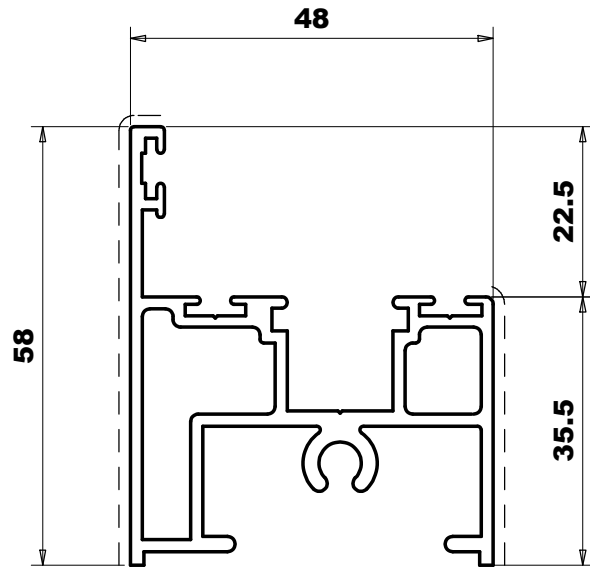
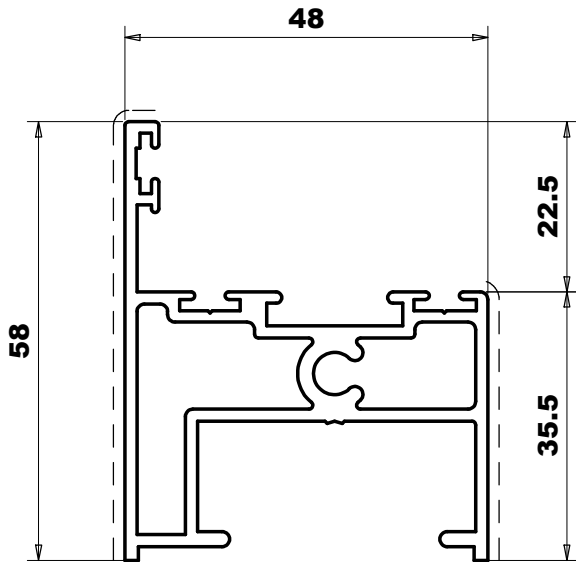
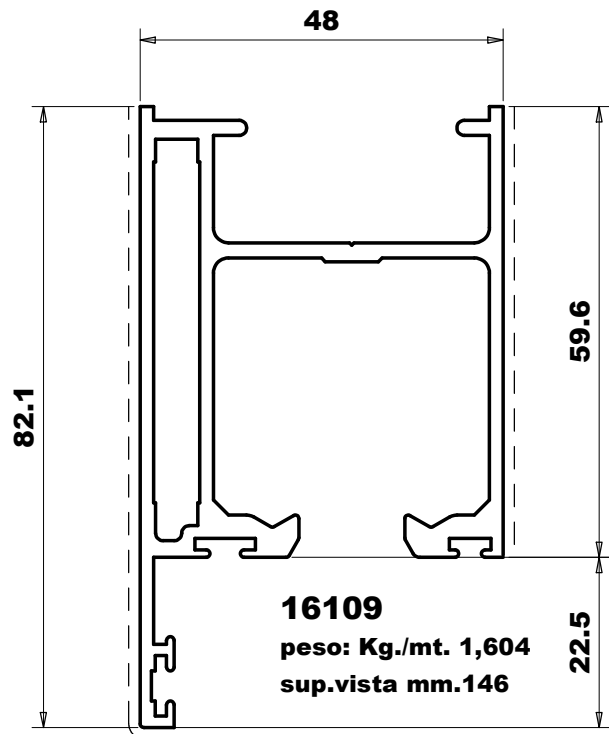
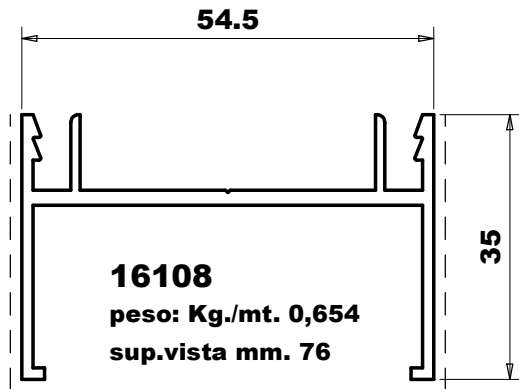
ELENCO ACCESSORI  
 ACCESSORY LIST

 <p>art. 105-0300</p> <p>SQUADRETTA A SCATTO "EVEREST"</p> <p>"EVEREST" BUTTON CORNER JOINT</p>	 <p>art. 146-136</p> <p>PRESSORE A DUE ASOLE</p> <p>ADJUSTING BLOCK WITH TWO HOLES</p>
 <p>art. 106-2773001</p> <p>SELLA ELASTICA PER PERSIANA</p> <p>ELASTIC SADDLE FOR SHUTTER</p>	 <p>art. 146-230</p> <p>MANIGLIA PER CATENACCIO NERA</p> <p>BLACK HANDLE FOR LATCH</p>
 <p>art. 106-2774001</p> <p>MEZZA SELLA ELASTICA PER PERSIANA</p> <p>HALF ELASTIC SADDLE FOR SHUTTER</p>	 <p>art. 146-260</p> <p>CERNIERA NERA</p> <p>BLACK HINGE</p>
 <p>art. 146-001</p> <p>CAVALLOTTO IN ACCIAIO INOX</p> <p>STAINLESS STEEL CLEVIS</p>	 <p>art. 146-261</p> <p>CERNIERA NERA CON PERNO SFILABILE</p> <p>BLACK HINGE WITH MOVABLE PIN</p>
 <p>art. 146-117</p> <p>CATENACCIO DOPPIO EFFETTO</p> <p>DOUBLE EFFECT LATCH</p>	 <p>art. 146-262</p> <p>KIT CARRELLI</p> <p>TROLLEY SET</p>
 <p>art. 146-117T</p> <p>TERMINALE CATENACCIO</p> <p>LATCH TERMINAL</p>	 <p>art. 170-892100115</p> <p>COLLANTE MONOCOMPONENTE PER INCOLLAGGIO SQUADRETTA</p> <p>SINGLE-COMPONENT GLUE FOR CORNER JOINT</p>

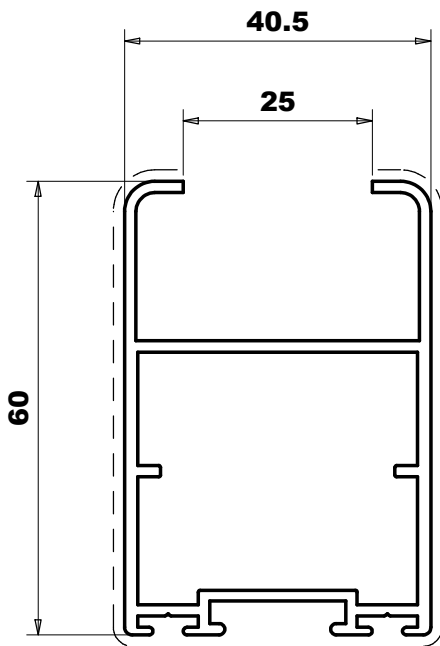
ELENCO ACCESSORI  
ACCESSORY LIST

 <p>art. 146-263</p> <p>KIT MEZZI CARRELLI LATERALI SINISTRI</p> <p><i>LEFT SIDE TROLLEYS SET</i></p>	
 <p>art. 146-264</p> <p>KIT MEZZI CARRELLI LATERALI DESTRI</p> <p><i>RIGHT SIDE TROLLEYS SET</i></p>	

 <p>art. 102-6110</p> <p>GUARNIZIONE DI SUPPORTO SIGILLATURA VETRI IN ALFAPRENE</p> <p><i>ALFAPRENE SUPPORT GLASS SEAL GASKET</i></p>	 <p>art. 146-VL01</p> <p>GUARNIZIONE DI BATTUTA CENTRALE ANTE IN P.V.C.</p> <p><i>P.V.C. CENTRAL WING RABBET GASKET</i></p>
 <p>art. 126-2284</p> <p>GUARNIZIONE DI APPOGGIO IN E.P.D.M.</p> <p><i>E.P.D.M. BEARING GASKET</i></p>	 <p>art. 146-VL02</p> <p>GUARNIZIONE DI TENUTA TELAIO-ANTA IN P.V.C.</p> <p><i>P.V.C. WATER TIGHTNESS WING-FRAME GASKET</i></p>
 <p>art. 126-2945</p> <p>GUARNIZIONE DI VETRAZIONE A SCATTO mm. 5 IN E.P.D.M.</p> <p><i>E.P.D.M. SNAP TYPE GLAZING SEAL 5 mm.</i></p>	 <p>art. 146-VL03</p> <p>GUARNIZIONE DI BATTUTA TELAIO IN P.V.C.</p> <p><i>P.V.C. FRAME RABBET GASKET</i></p>
 <p>art. 126-2946</p> <p>GUARNIZIONE DI VETRAZIONE A SCATTO mm. 3 IN E.P.D.M.</p> <p><i>E.P.D.M. SNAP TYPE GLAZING SEAL 3 mm.</i></p>	
 <p>art. 126-2951</p> <p>GUARNIZIONE DI VETRAZIONE A PRESSIONE mm. 3 IN E.P.D.M.</p> <p><i>E.P.D.M. PRESSURE TYPE GLAZING SEAL 3 mm.</i></p>	
 <p>art. 126-2952</p> <p>GUARNIZIONE DI VETRAZIONE A PRESSIONE mm. 5 IN E.P.D.M.</p> <p><i>E.P.D.M. PRESSURE TYPE GLAZING SEAL 5 mm.</i></p>	



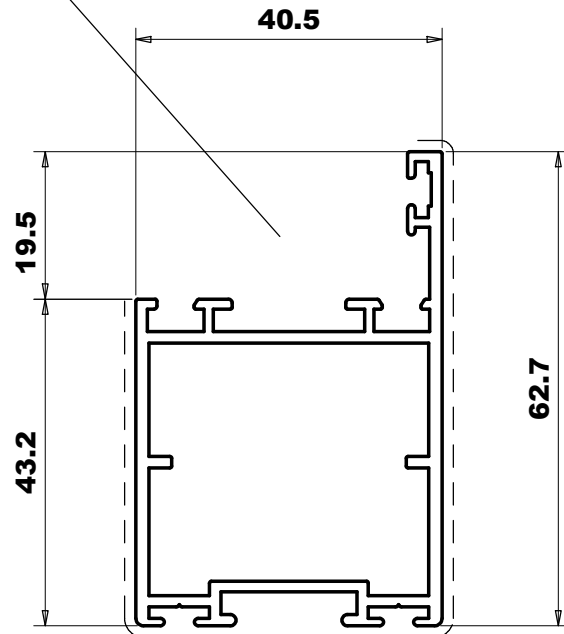




**16112**

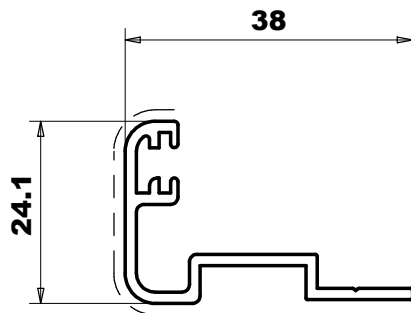
peso: Kg./mt. 0,966  
sup.vista mm.133

**FERMAVETRI E TRAVERSI  
SERIE "SISTEMA 1 PE40"  
GLASS BEADING AND TRANSOM  
"SISTEMA 1 PE40" SYSTEM**



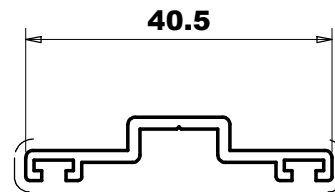
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peso: Kg./mt. 0,967  
sup.vista mm.111



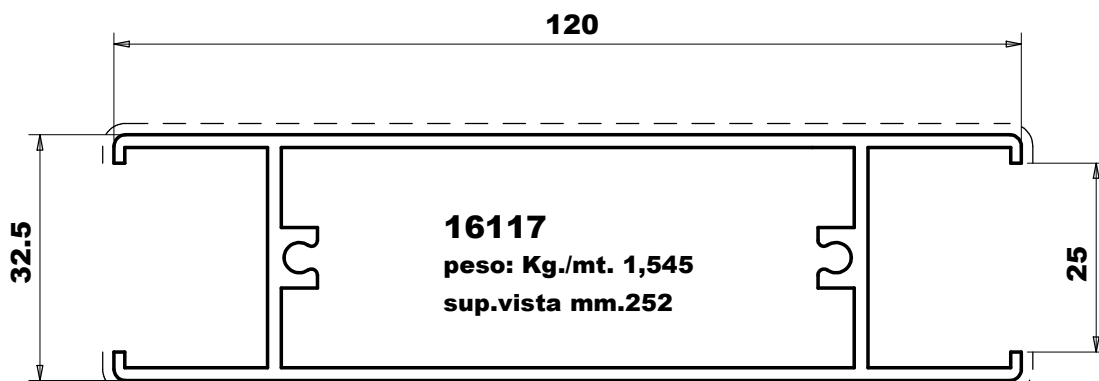
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peso: Kg./mt. 0,338  
sup.vista mm. 36



**16115**

peso: Kg./mt. 0,243  
sup.vista mm. 8

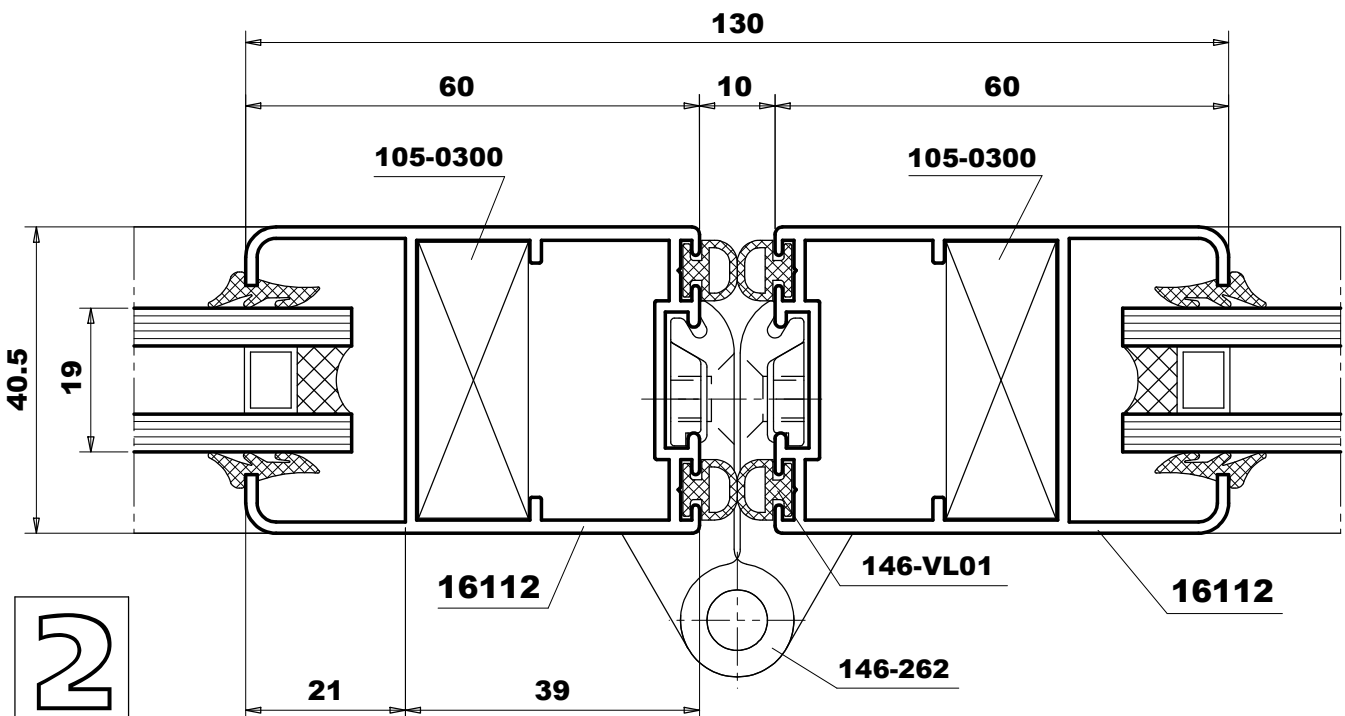
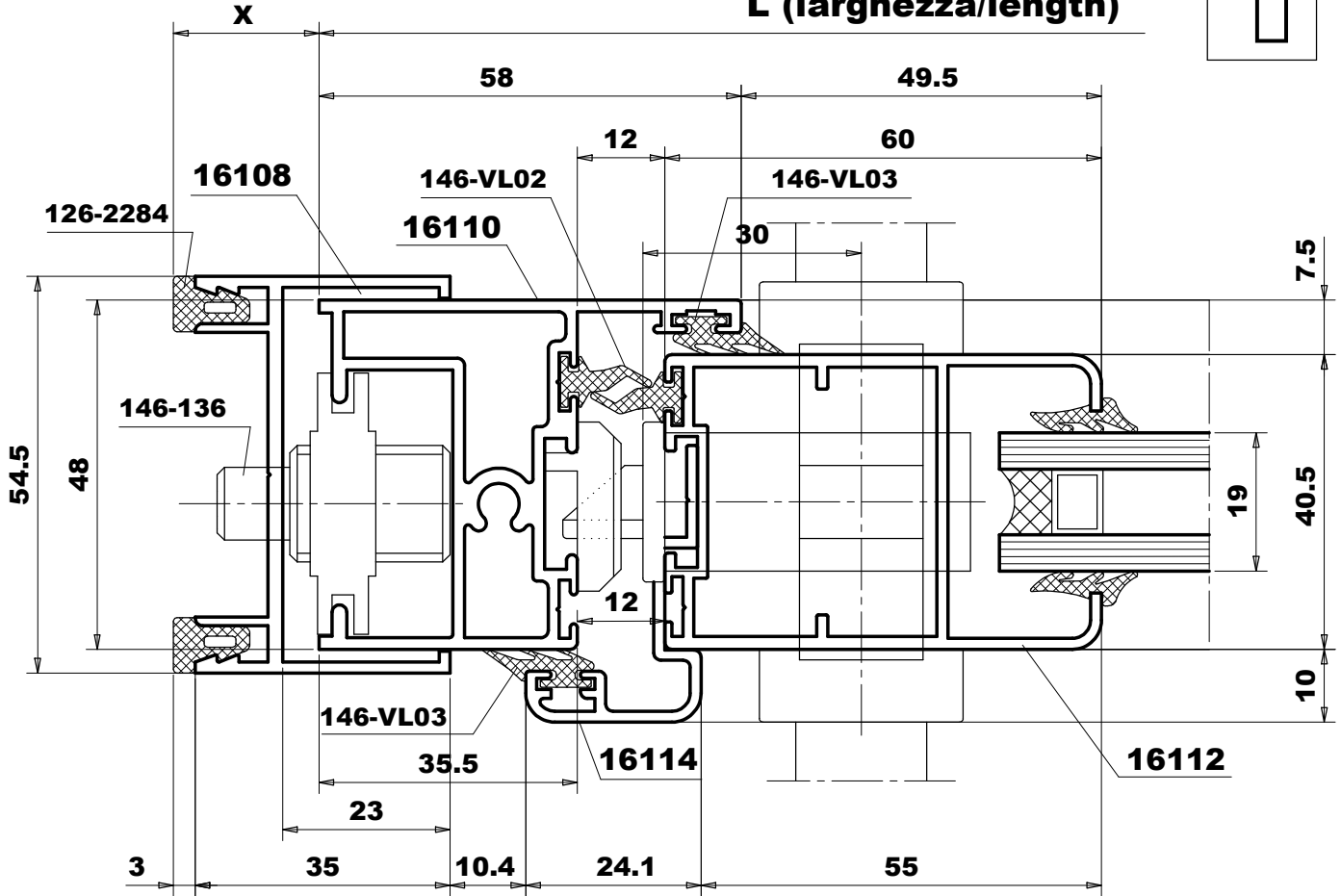
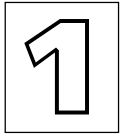


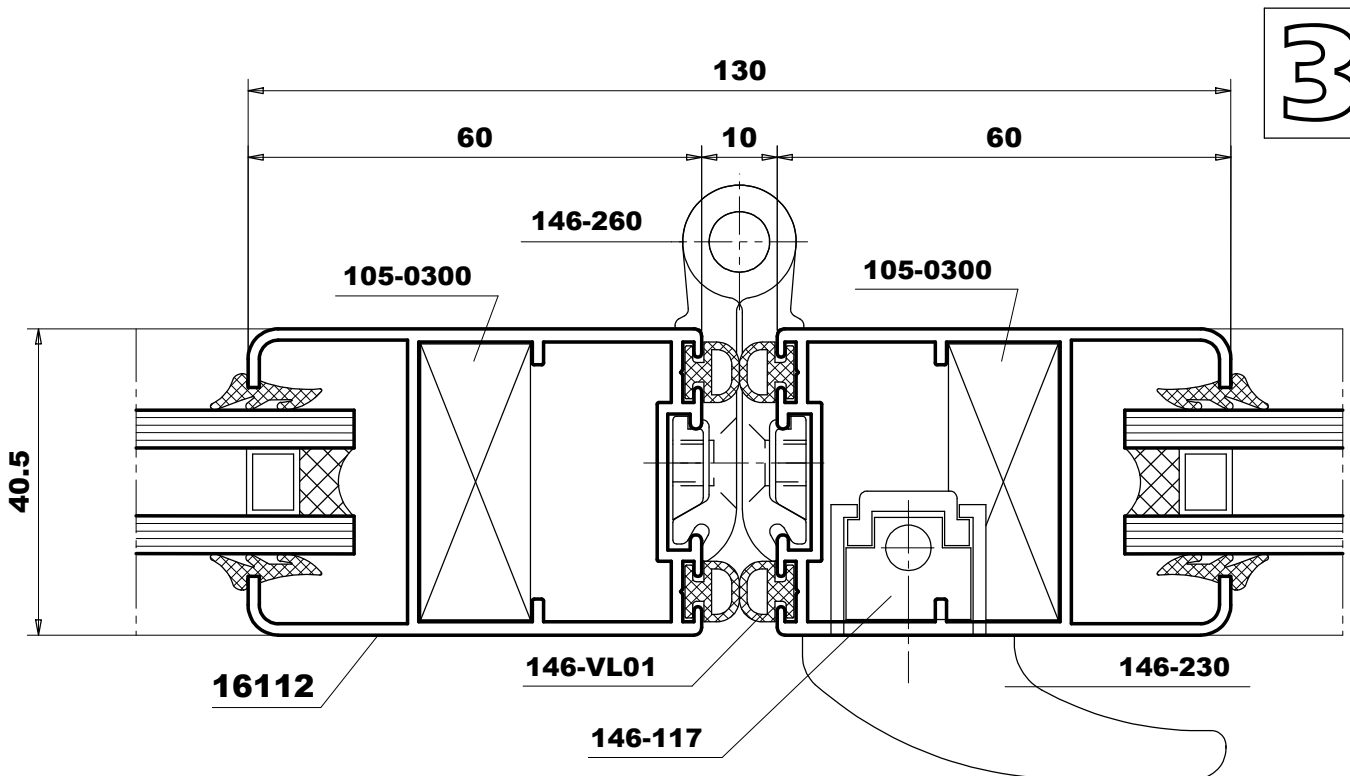
**16117**

peso: Kg./mt. 1,545  
sup.vista mm.252

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**X variable from 20 to 30 mm**

**L (larghezza/length)**

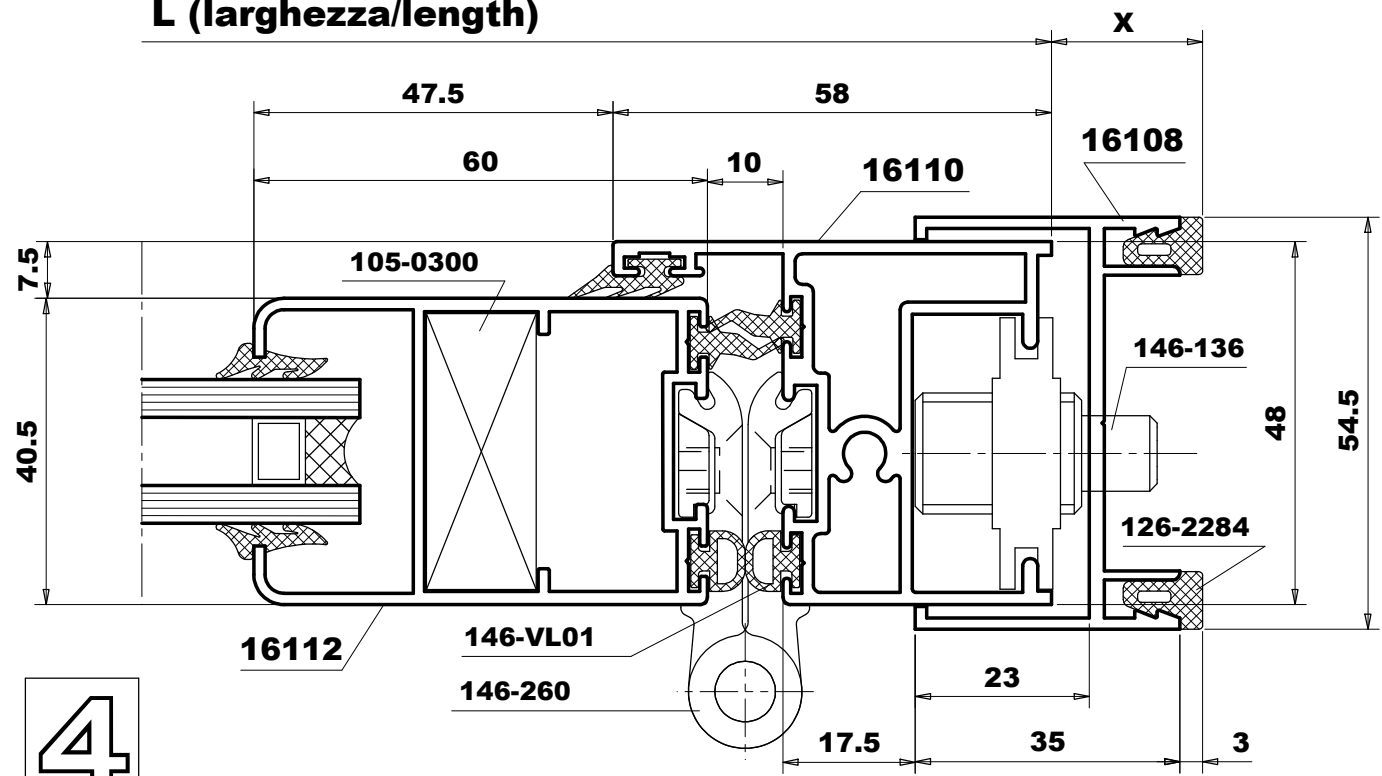




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**X variabile da 20 a 30 mm**  
**X variable from 20 to 30 mm**

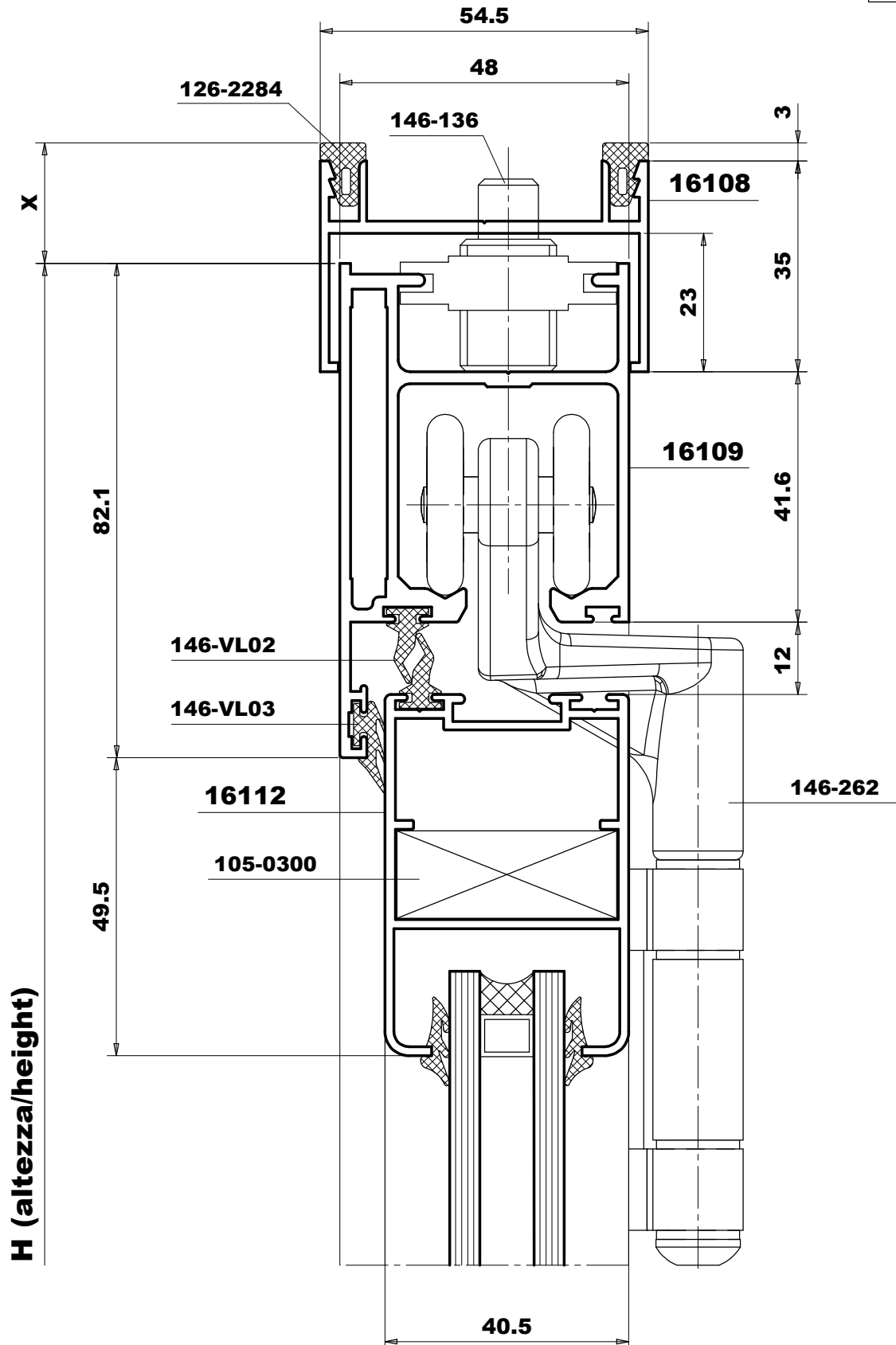
**L (larghezza/length)**

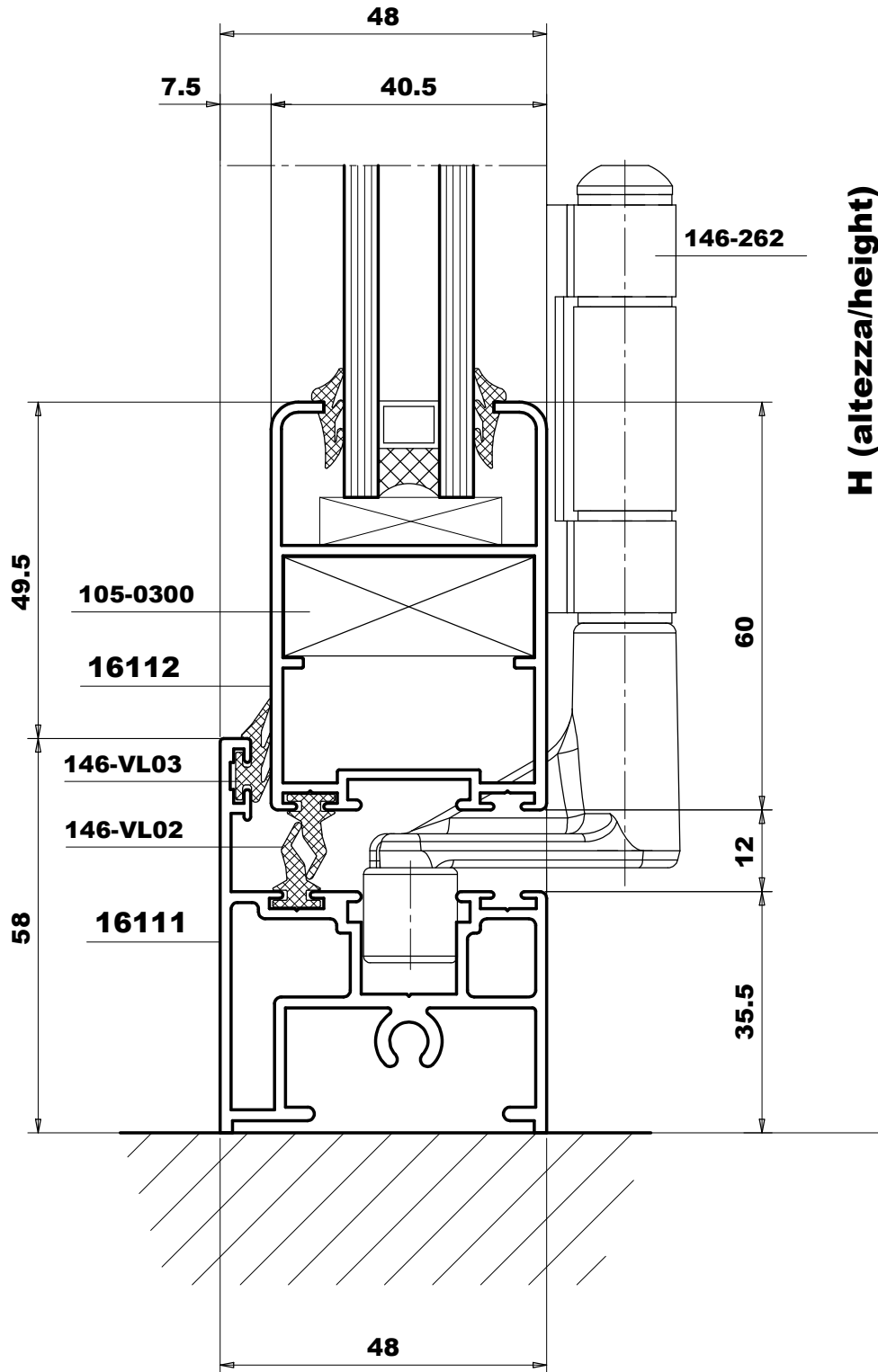
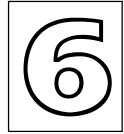


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**X variable from 20 to 30 mm**

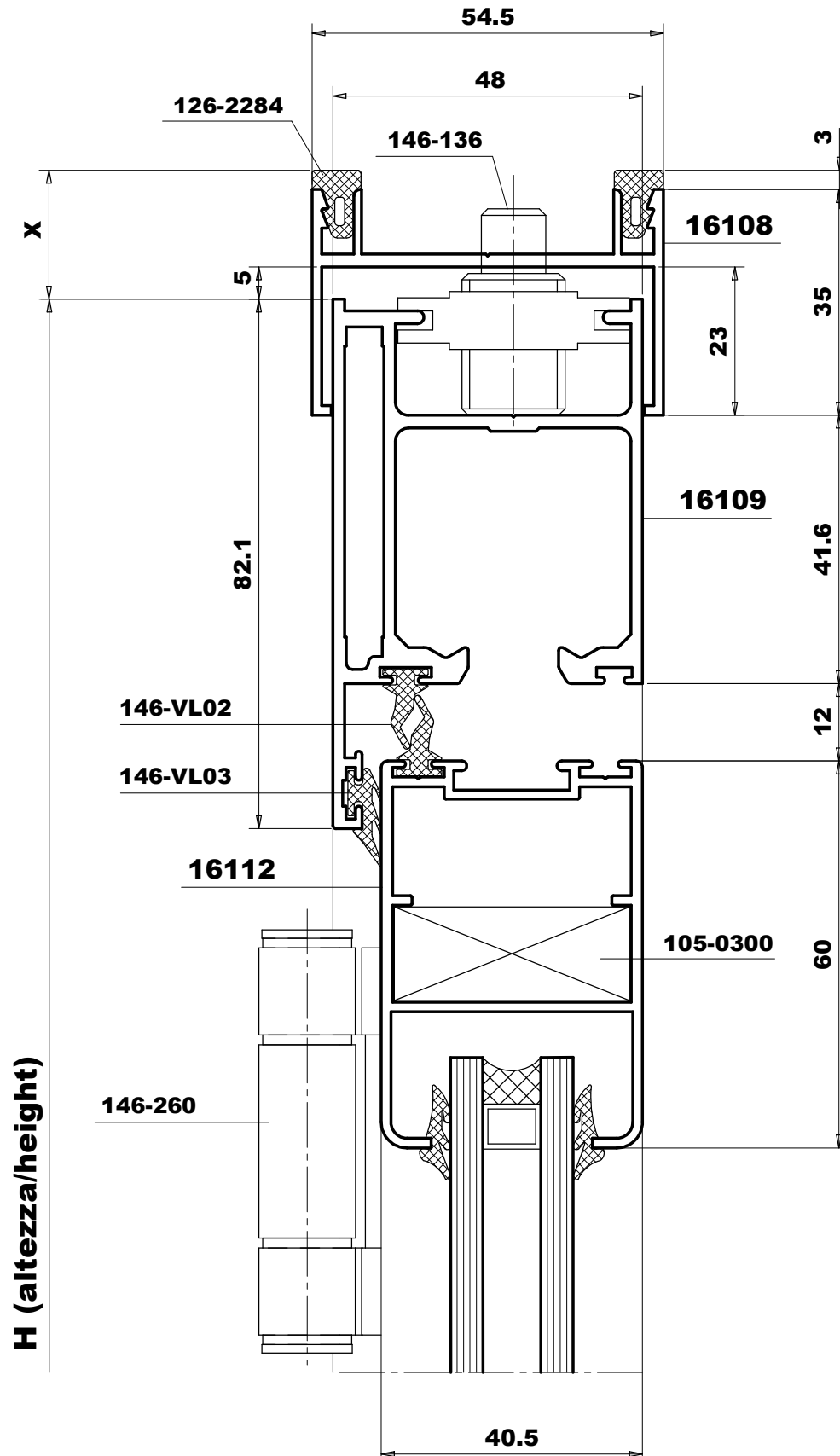
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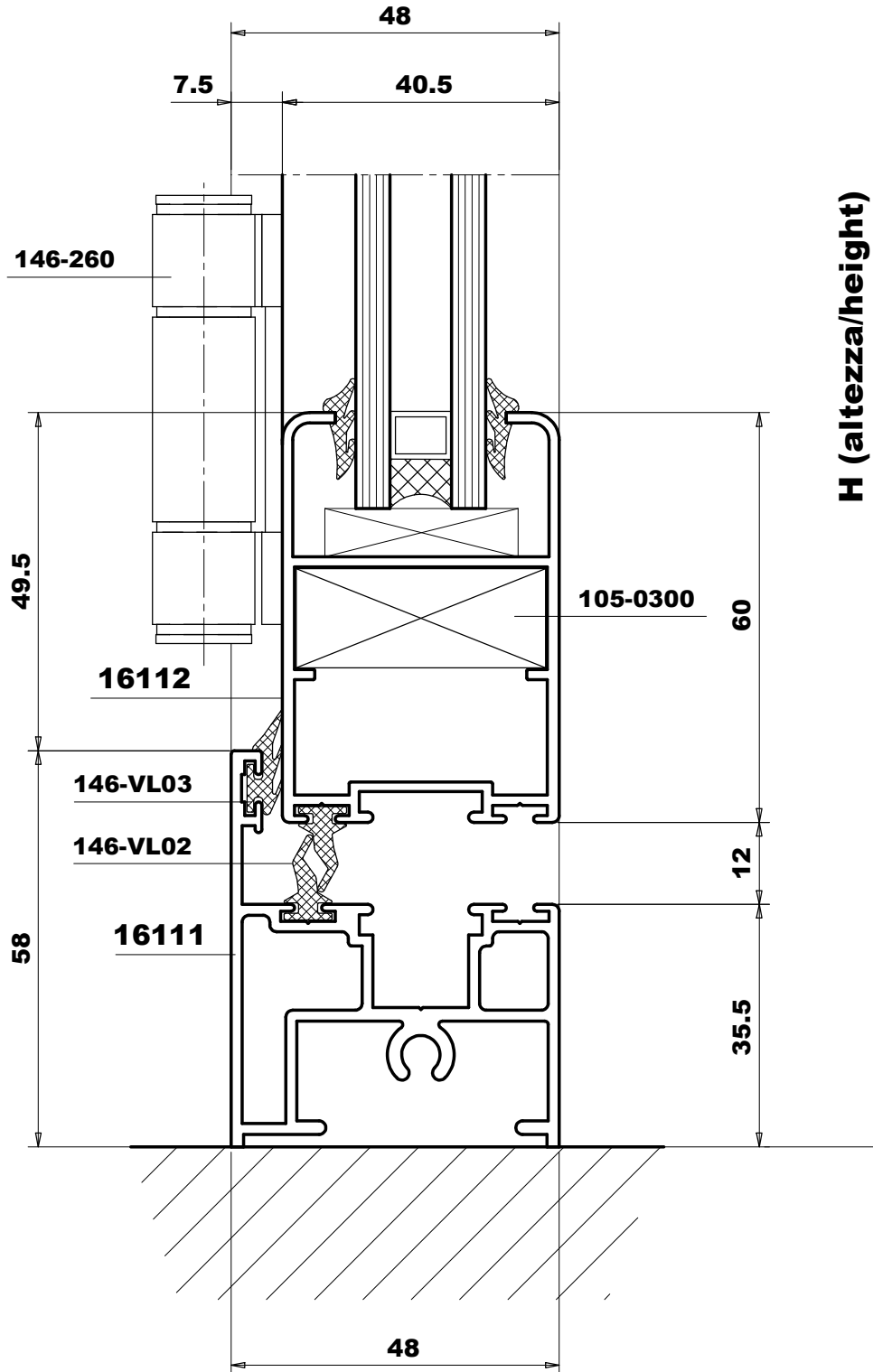
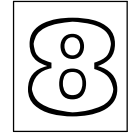




H (altezza/height)

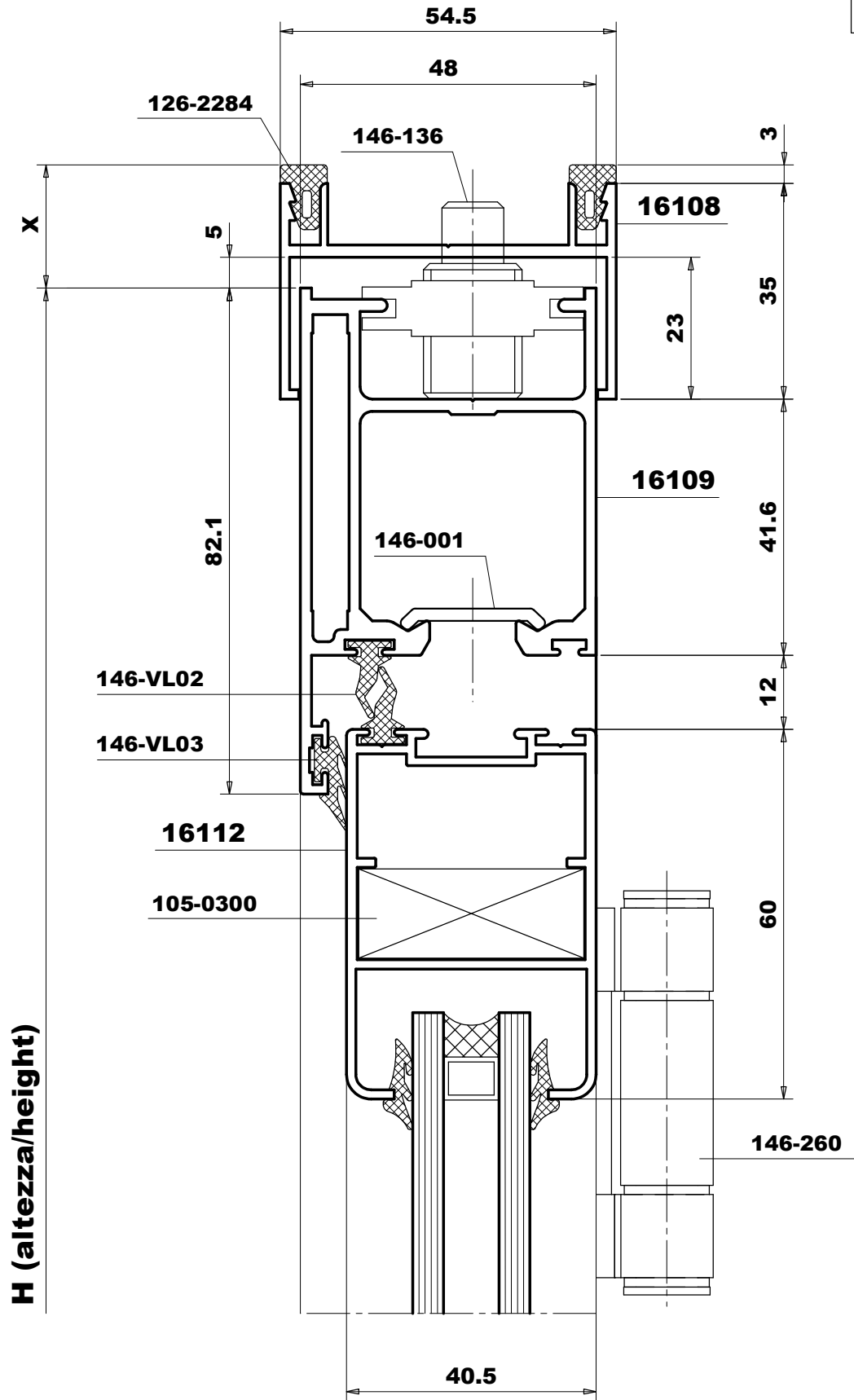
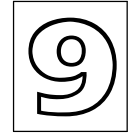
**X variabile da 20 a 30 mm**  
**X variable from 20 to 30 mm**





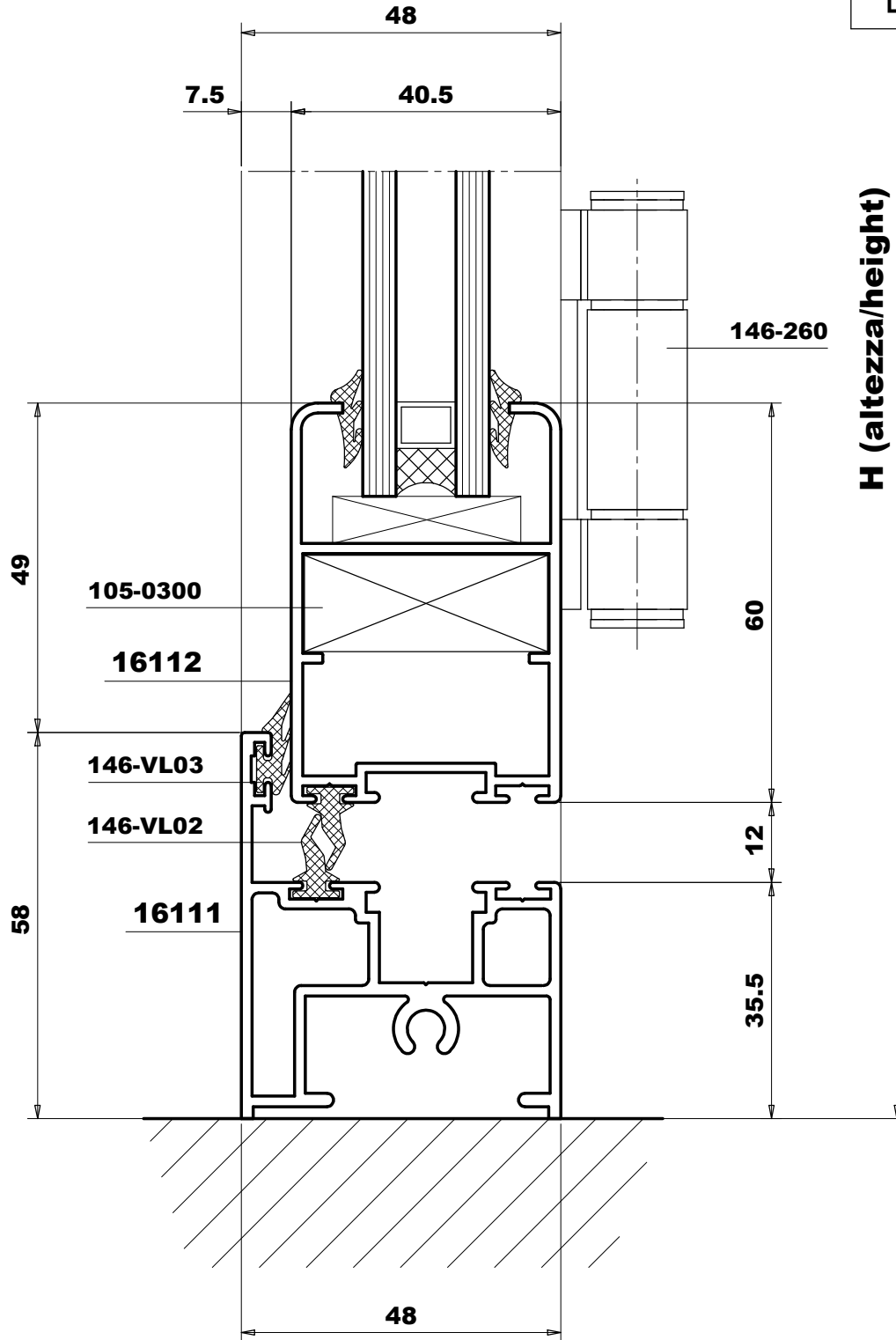
H (altezza/height)

**X variabile da 20 a 30 mm**  
**X variable from 20 to 30 mm**





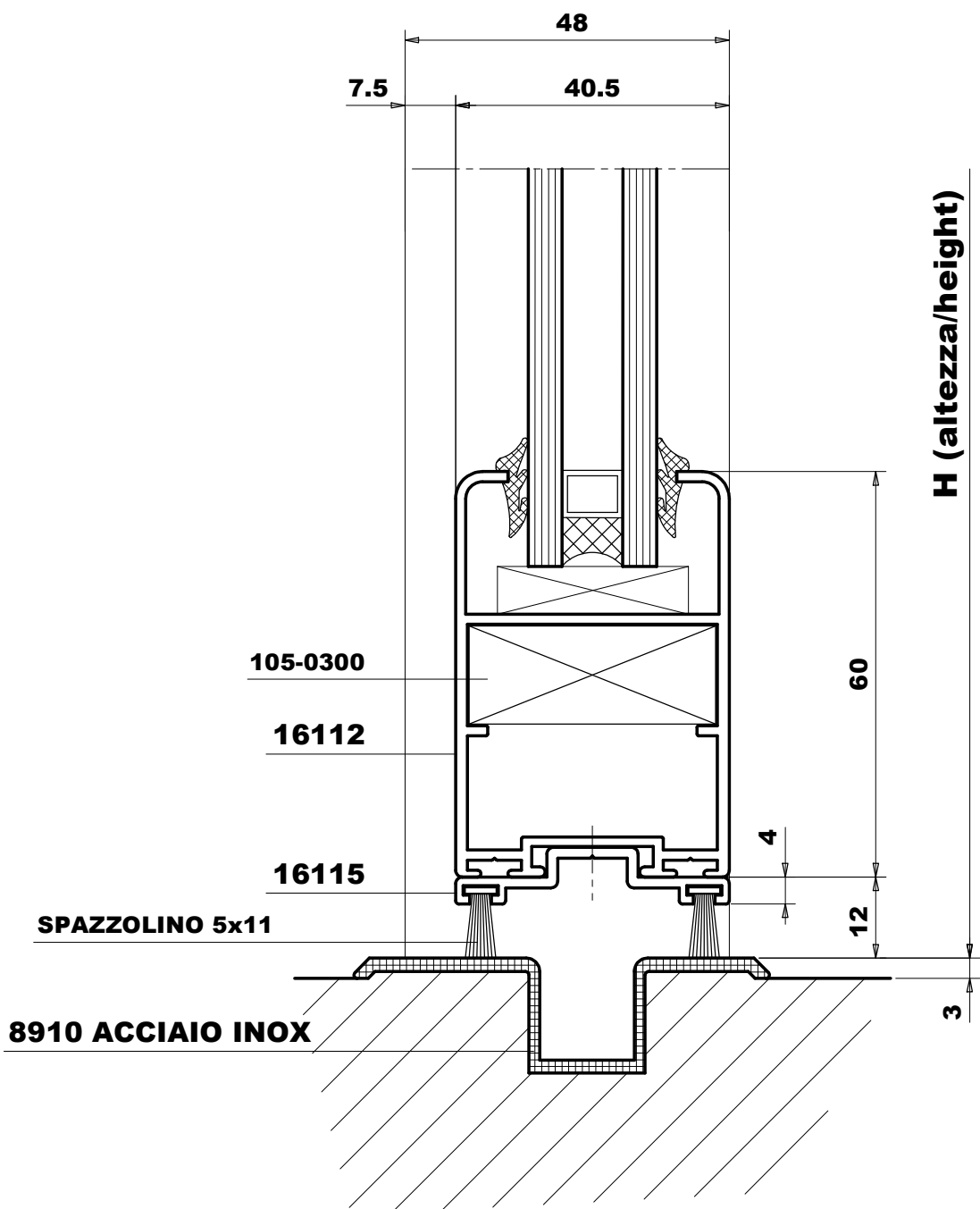
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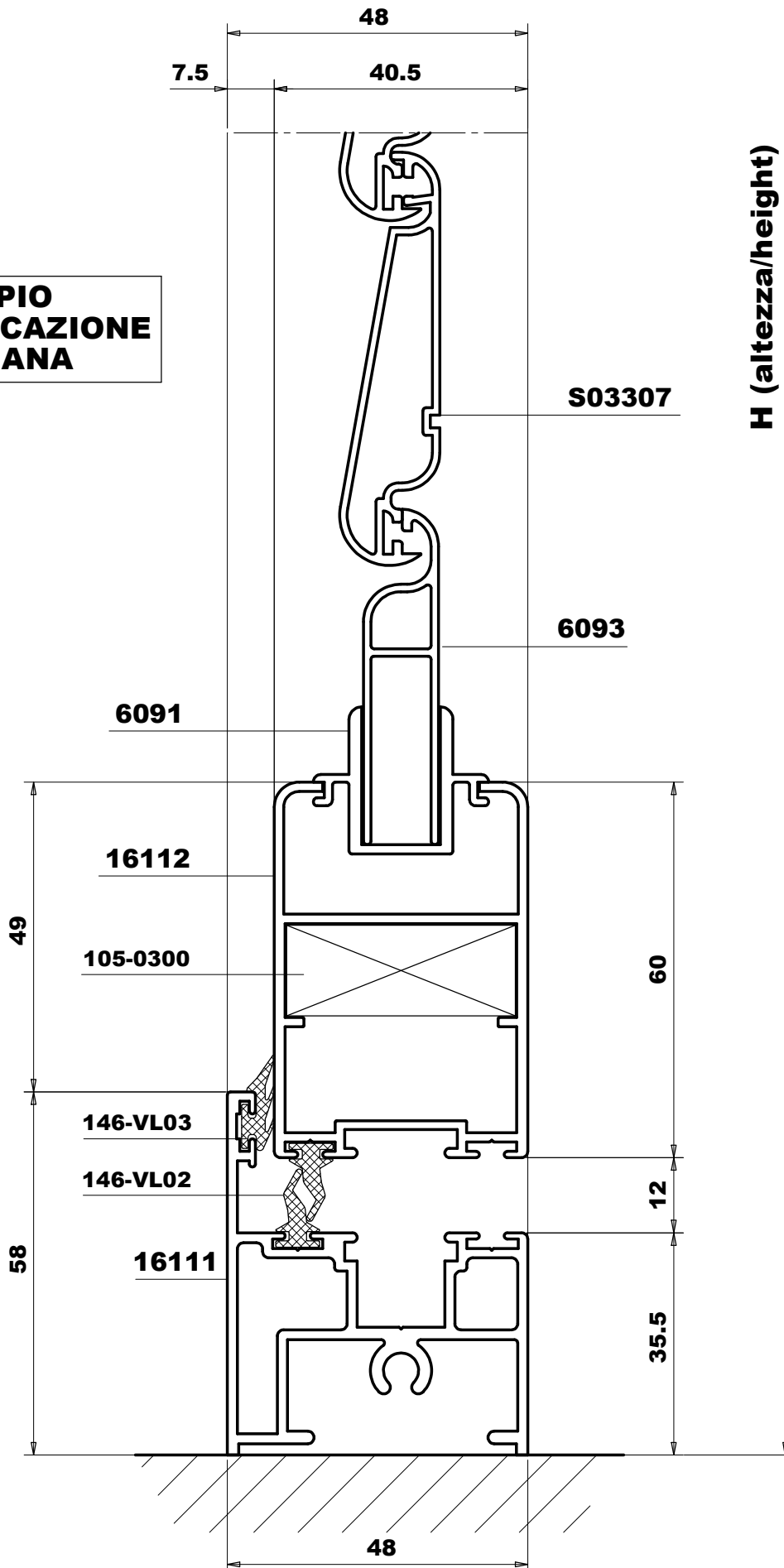
6A

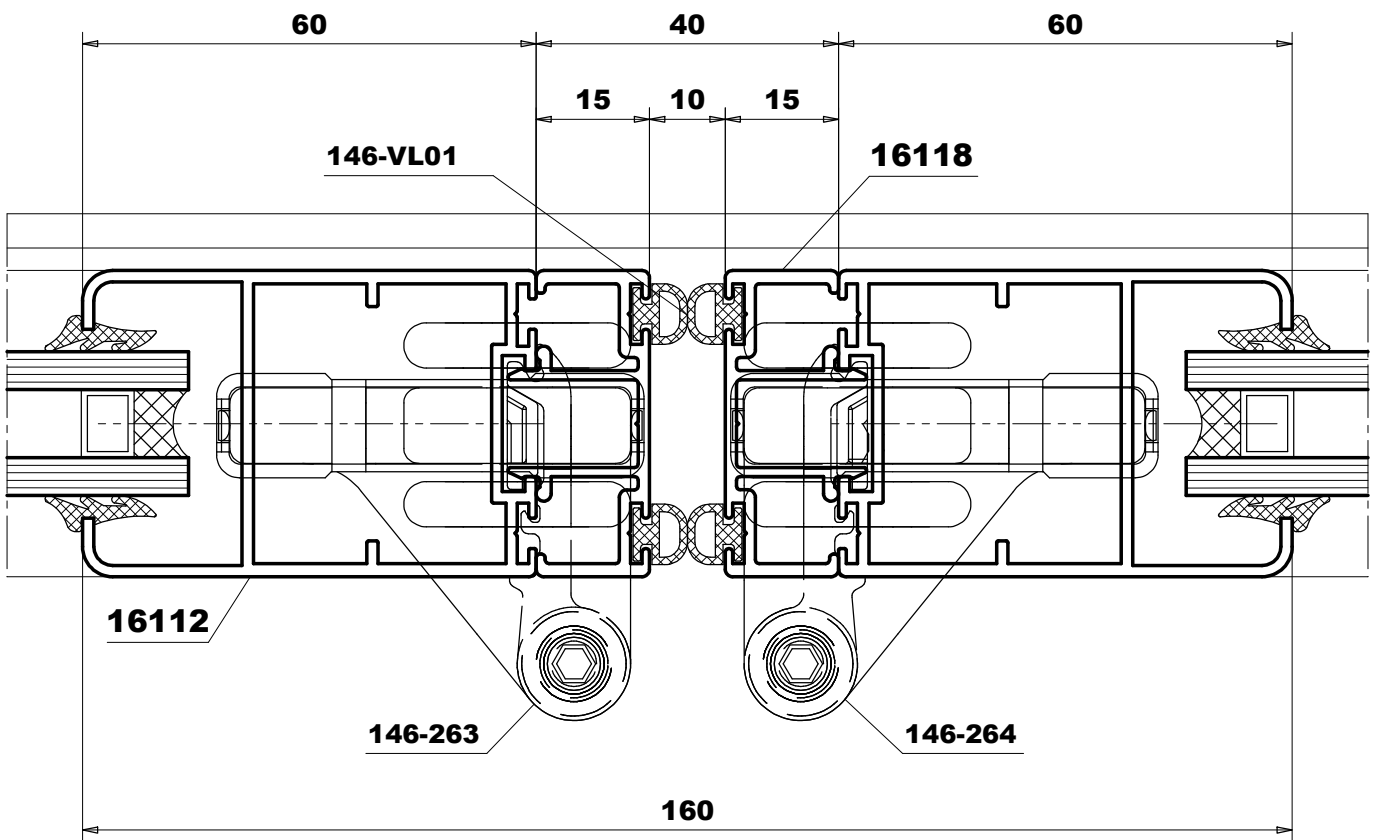
8A

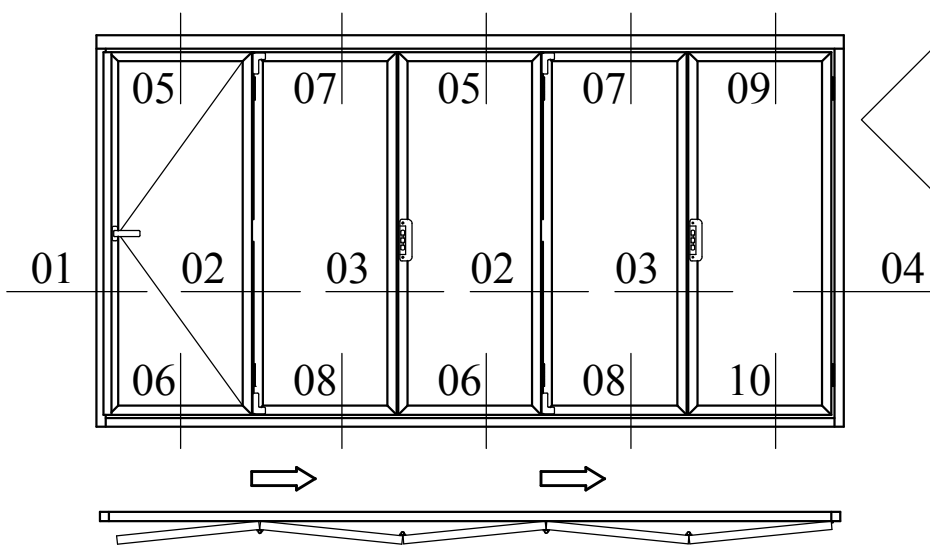
10A



**ESEMPIO  
APPLICAZIONE  
PERSIANA**







**5 ANTE COLLEGATE  
CON GUIDA INFERIORE  
5 WINGS SLIDING AND  
FOLDING WITH  
LOWER PROFILE**

**N.B.**  
**L=L vano/cavity - 2X**  
**H=H vano/cavity - X**  
**vedi nodi scala 1:1**  
**see details scale 1:1**

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 16108	1	$L+2X$	 16111	1	$L-71$
	2	$(H+X)-38$		2N	$[(L-83)/N]-10$
 16109	1	$L$	 16112	2N	$H-119$
	2	$H-59,5$		1	$H-119$
 16110	2	$H-59,5$	 16114	1	$H-119$

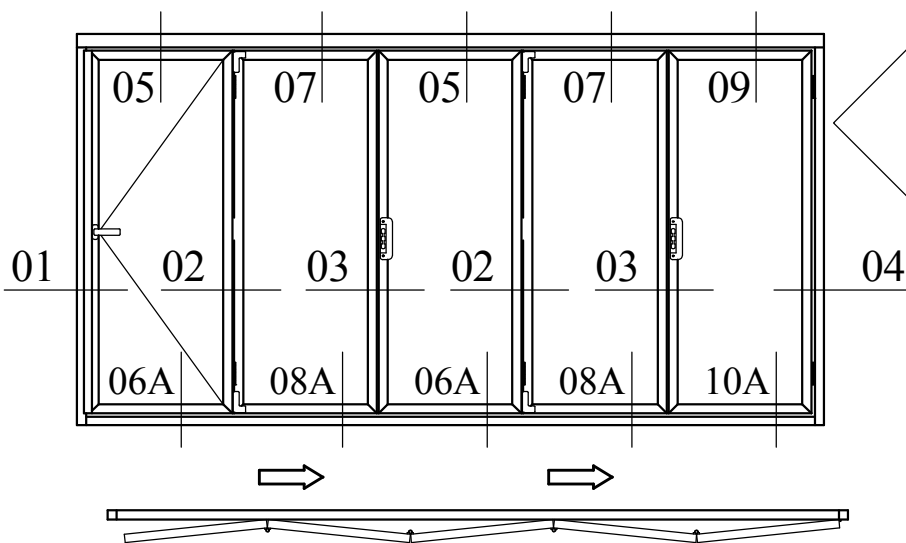
**Accessori**  
Accessories

Art. Item	Descrizione Description	N° pezzi Pcs
105-0300	Squadretta a scatto Corner joint	4 N
146-001	Cavallotto inox Inox T-joint	2
146-117	Catenaccio doppio effetto Latch	$(N-1)/2$
146-117T	Terminale catenacciolo Latch terminal	N-1
146-136	Pressore Adjusting block	N+3
146-230	Maniglia catenacciolo Latch handle	$(N-1)/2$
146-260	Cerniera Hinge	2N+1
146-262	Kit carrelli Trolleys kit	$(N-1)/2$

**Guarnizioni**  
Gaskets

Art. Item	Descrizione Description	N° pezzi Pcs
126-2284	Guarnizione di appoggio Bearing gasket	$2(L+2X)+4(H+X)$
126-2194	Guarnizione di vetrazione Glass beading gasket	$4L+4NH$
146-VL01	Guarnizione di battuta centrale Central rabbet gasket	$4HN-2H$
146-VL02	Guarnizione di tenuta telaio-anta Wing-frame sealing gasket	$4L+4H$
146-VL03	Guarnizione di battuta telaio Frame rabbet gasket	$2L+3H$

N = numero delle ante  
N = wings number



**5 ANTE COLLEGATE CON GUIDA INCASSATA 8910  
5 WINGS SLIDING AND FOLDING WITH BUILT-IN LOWER PROFILE 8910**

**N.B.**  
**L=L vano/cavity - 2X**  
**H=H vano/cavity - X**  
vedi nodi scala 1:1  
see details scale 1:1

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 16108	1	L+2X	 16115	N	(L-83)/N
	2	(H+X)-38			
 16109	1	L	 16112	2N	[(L-83)/N]-10
				2N	H-83,5
 16110	2	H-59,5	 16114	1	H-83,5

### Accessori Accessories

Art. Item	Descrizione Description	N° pezzi Pcs
105-0300	Squadretta a scatto Corner joint	4 N
146-001	Cavallotto inox Inox T-joint	2
146-117	Catenaccio doppio effetto Latch	(N-1)/2
146-117T	Terminale catenacciolo Latch terminal	N-1
146-136	Pressore Adjusting block	N+3
146-230	Maniglia catenacciolo Latch handle	(N-1)/2
146-260	Cerniera Hinge	2N+1
146-262	Kit carrelli Trolleys kit	(N-1)/2

### Guarnizioni Gaskets

Art. Item	Descrizione Description	N° pezzi Pcs
126-2284	Guarnizione di appoggio Bearing gasket	2(L+2X)+4(H+X)
126-2194	Guarnizione di vetragezione Glass beading gasket	4L+4NH
146-VL01	Guarnizione di battuta centrale Central rabbet gasket	4HN-2H
146-VL02	Guarnizione di tenuta telaio-anta Wing-frame sealing gasket	2L+4H
146-VL03	Guarnizione di battuta telaio Frame rabbet gasket	L+3H
--	Spazzolino Brush	2L

N = numero delle ante  
N = wings number

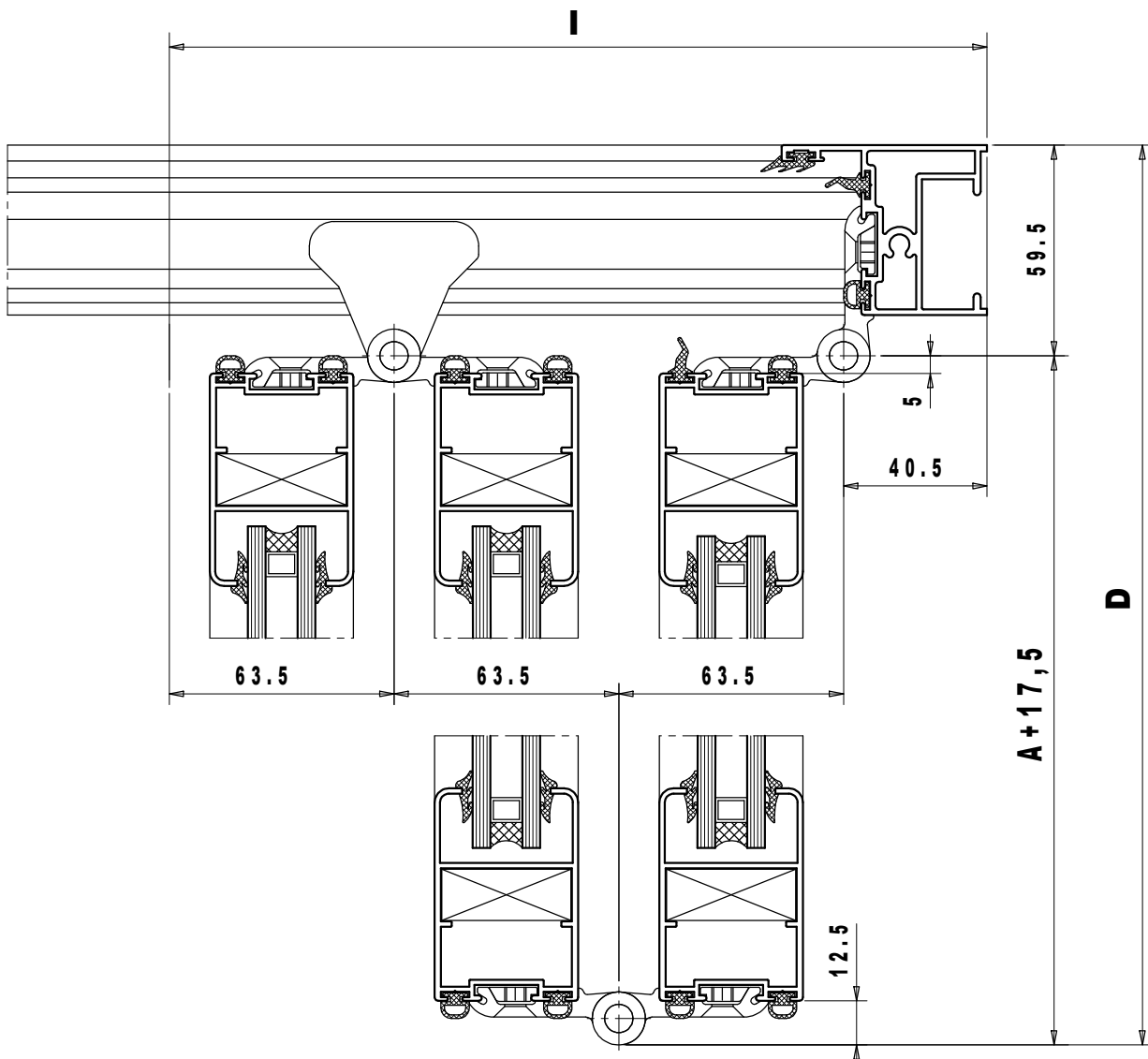
**INGOMBRO VERANDA RACCOLTA**  
**PACKED VERANDA SIZE**

$$I(\text{mm}) = (N \times 63,5) + 40,5$$

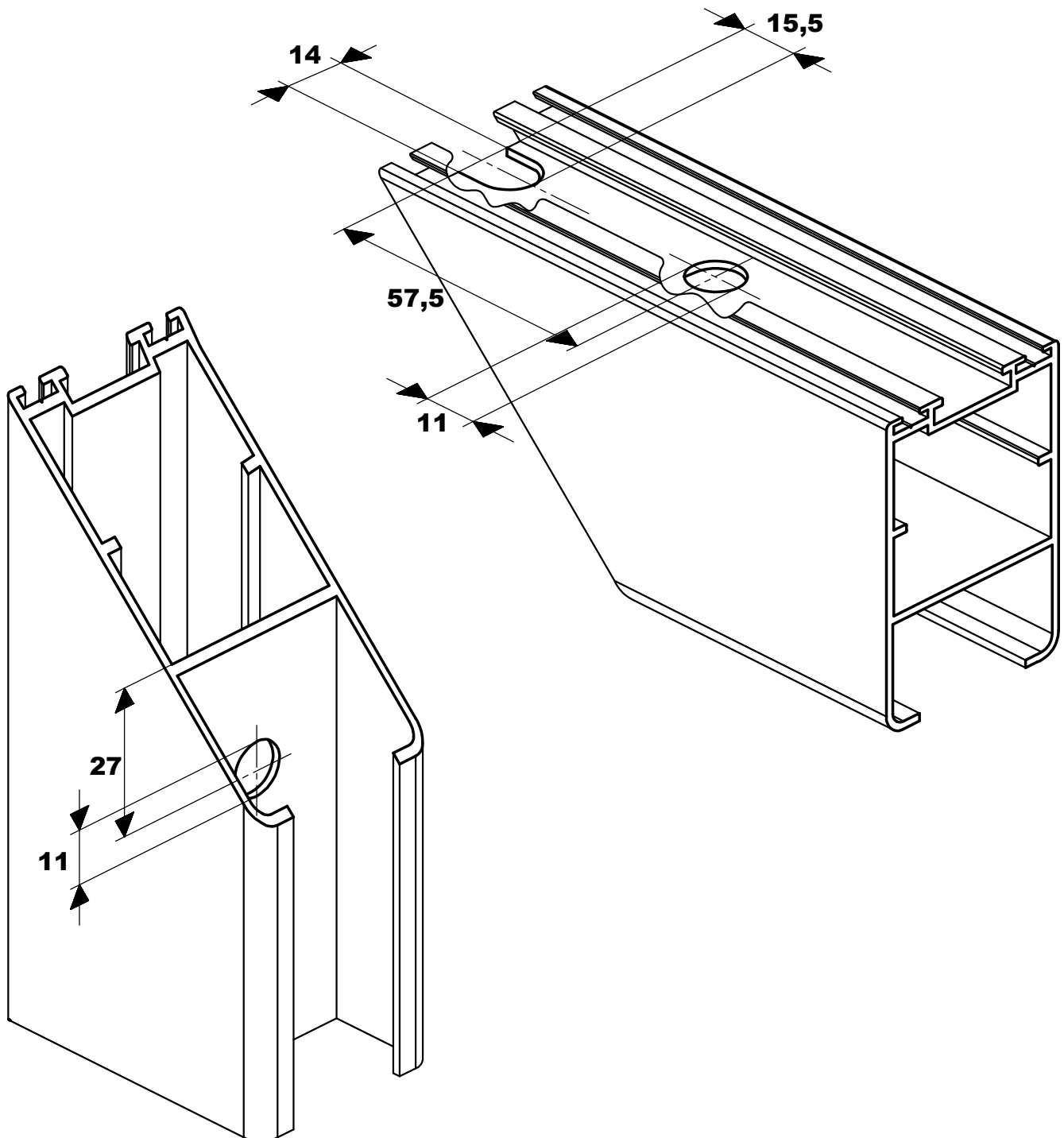
$$D(\text{mm}) = A + 77$$

**N=numero delle ante / wings number**

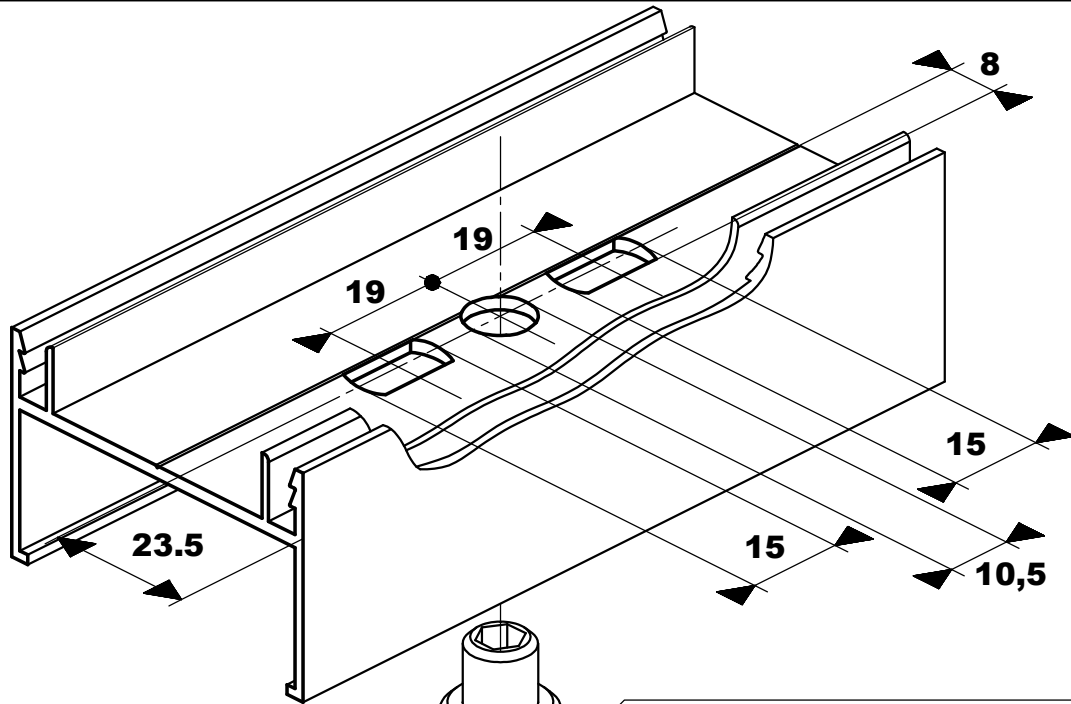
**A= larghezza anta in mm.= [(L-83)/N]-10**  
**wing length mm.=**



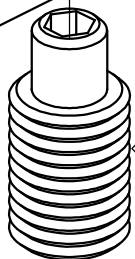
**LAVORAZIONE PER SQUADRETTA  
E PASSAGGIO PUNTALE ASTA  
CORNER JOINT AND CLOSING  
ROD MACHINING**



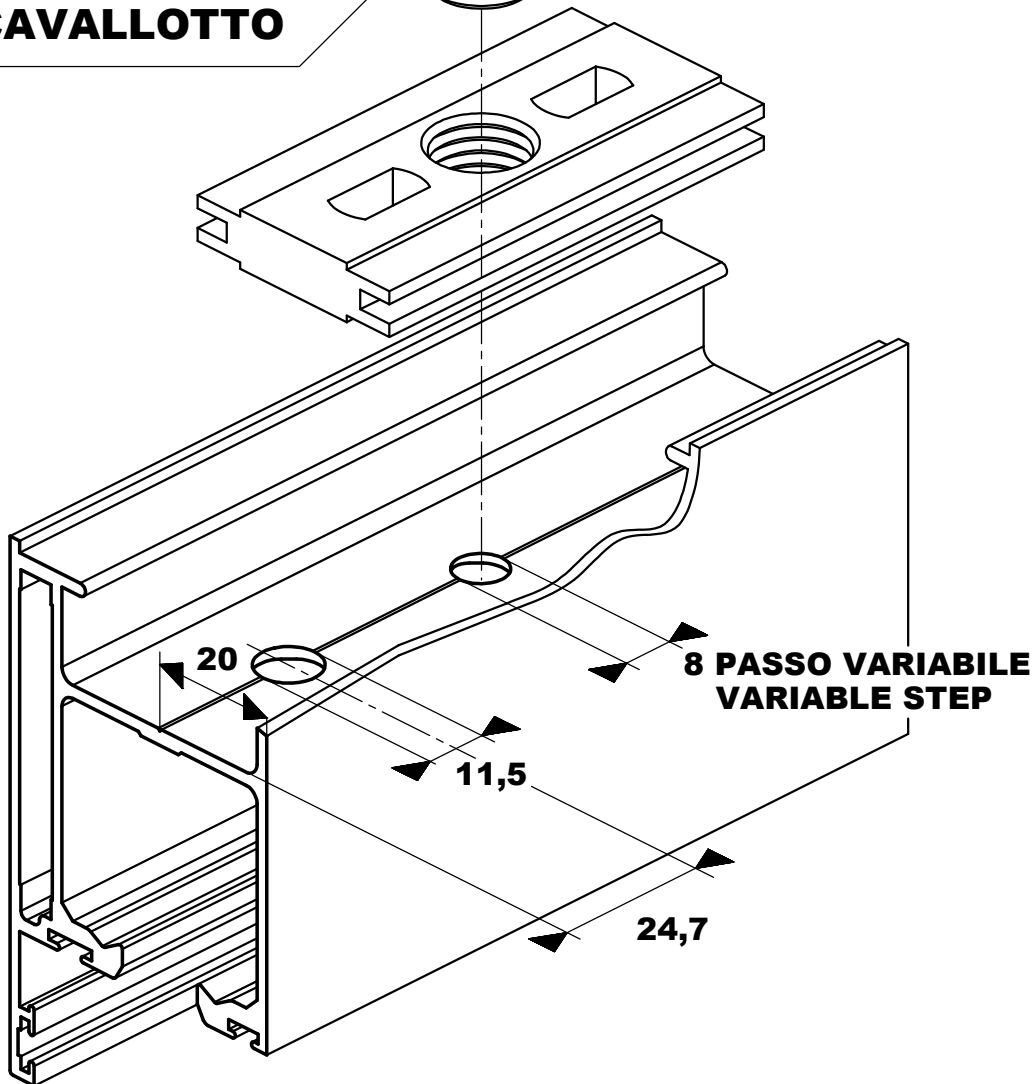




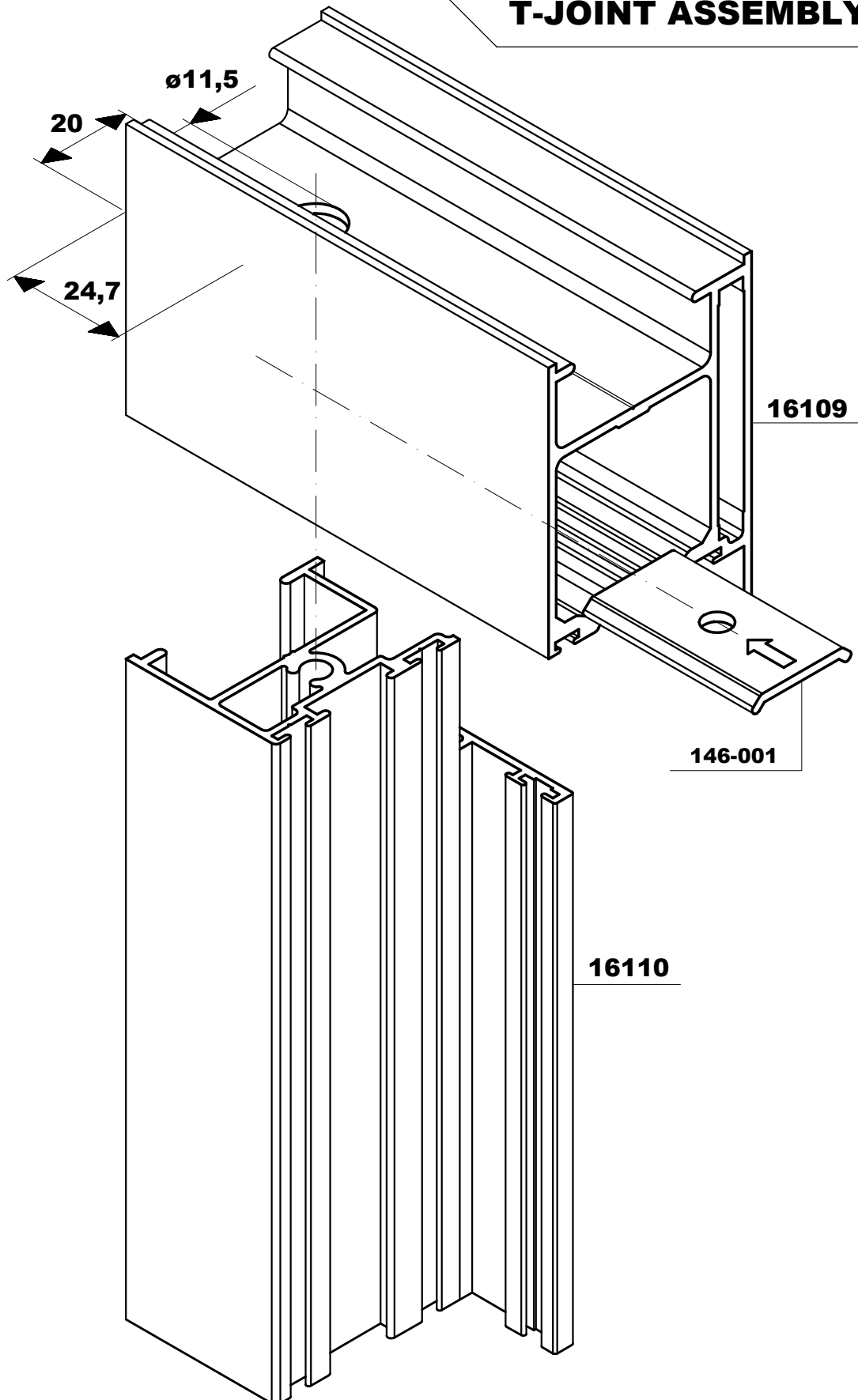
**LAVORAZIONE  
PER PRESSORE  
E CAVALLOTTO**



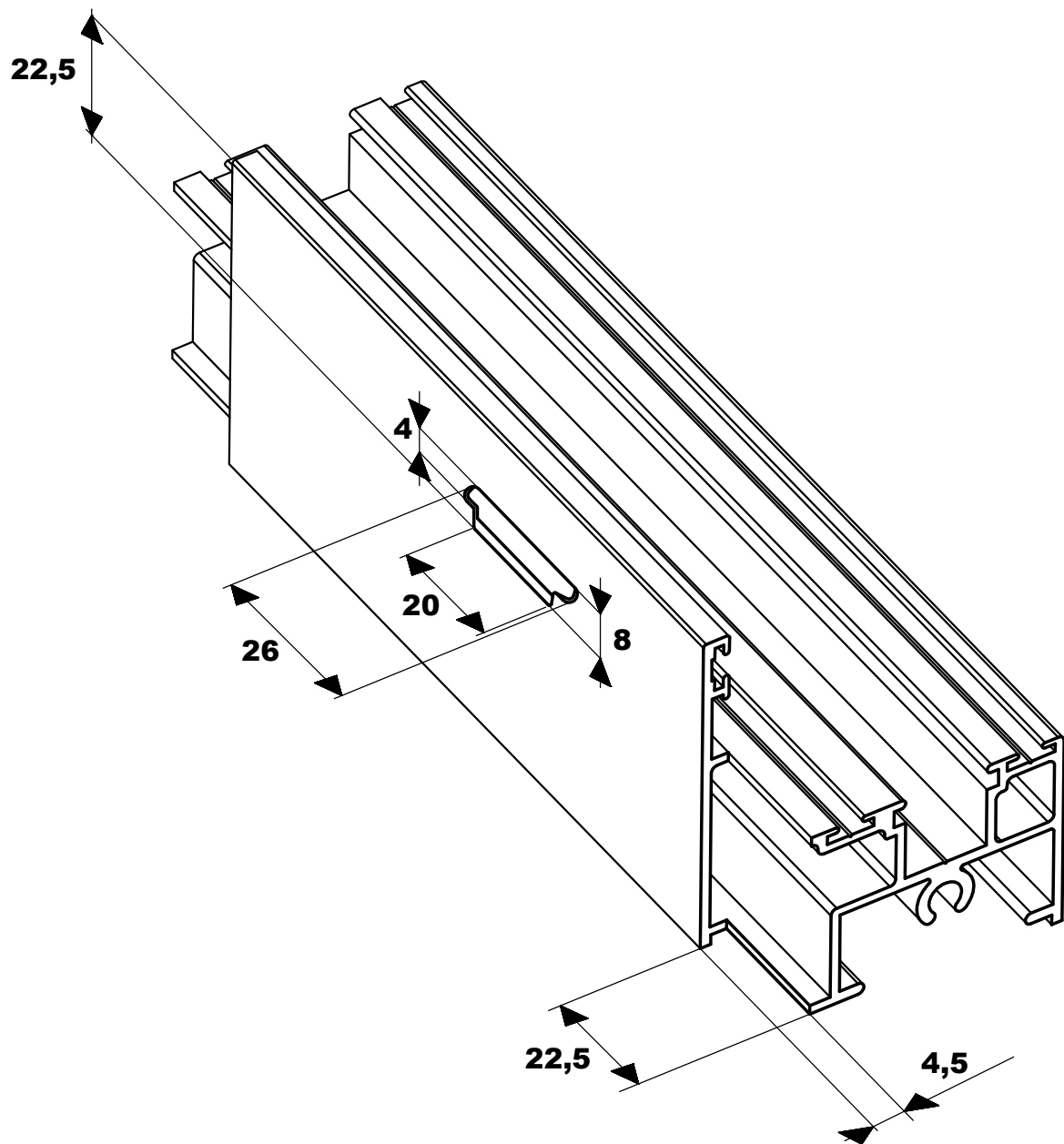
**ADJUSTING BLOCK AND  
T-JOINT MACHINING**



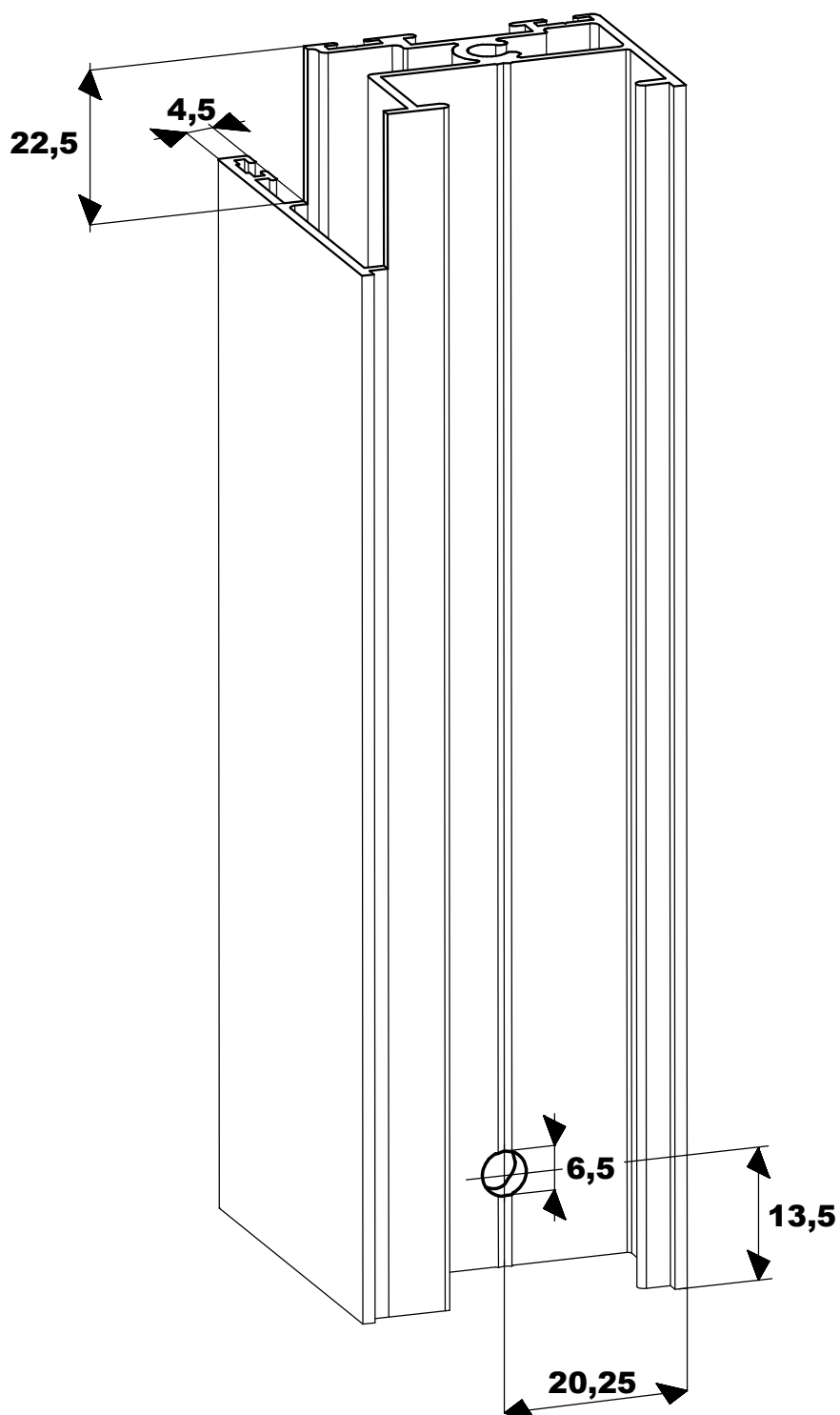
**MONTAGGIO  
CAVALLOTTO  
T-JOINT ASSEMBLY**



**LAVORAZIONE SCARICO ACQUA  
ED INTESTATURA TRAVERSO INFERIORE  
WATER DRAIN MACHINING  
END MILLING LOWER TRANSOM**



**FORO PER FISSAGGIO TELAIO INFERIORE  
ED INTESTATURA TELAIO VERTICALE  
WATER DRAIN MACHINING  
END MILLING VERTICAL FRAME**



**LAVORAZIONE  
PER CATENACCIO  
LATCH MACHINING**

