



# OUTDOOR *living*

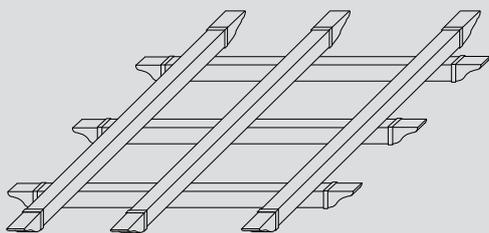
Pergole frangisole





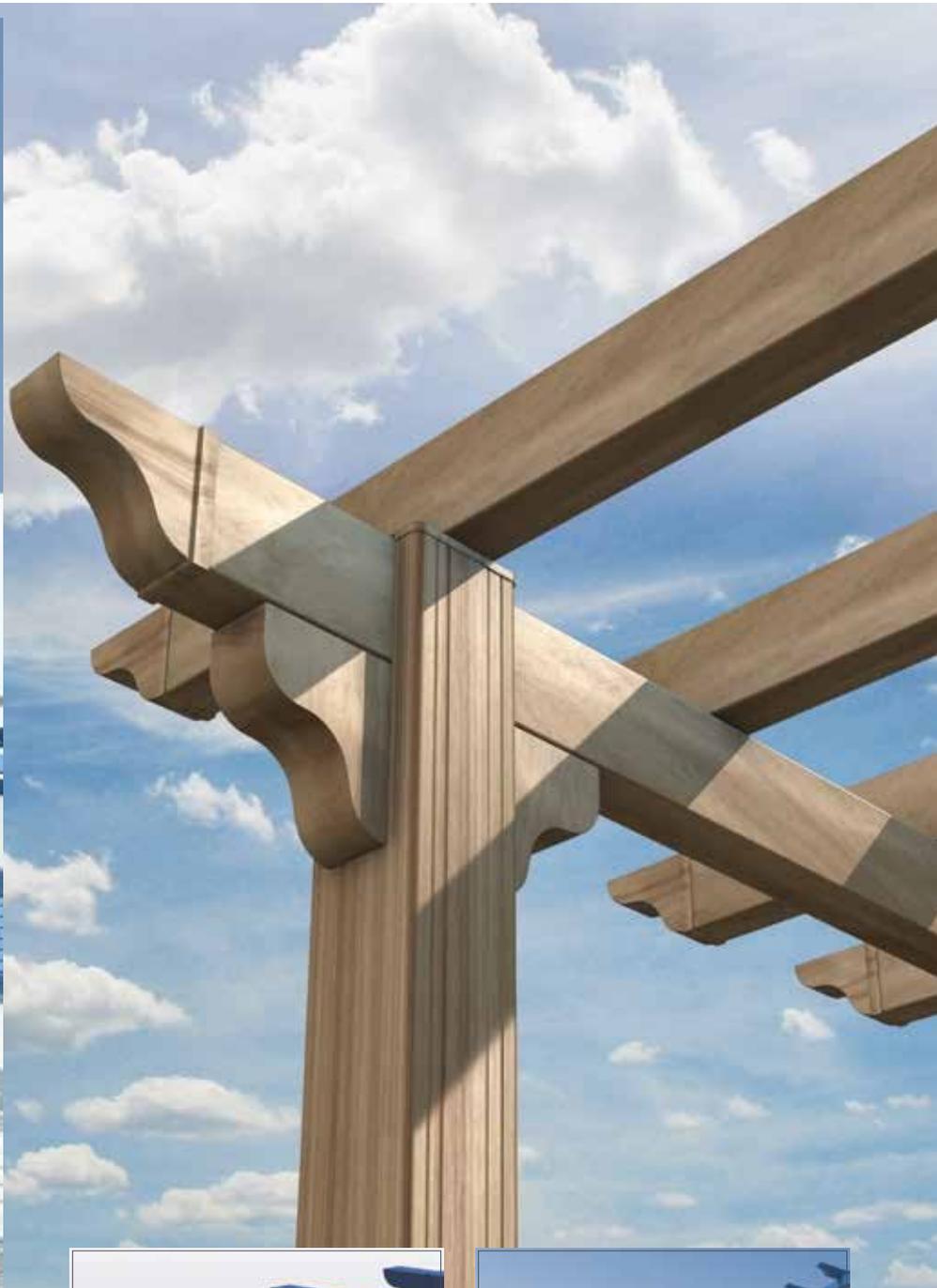
## Classica

La pergola stile classico darà alla vostra struttura un'aria Mediterranea. Questa tipologia di struttura è resistente agli agenti atmosferici, facile da assemblare e non richiede manutenzioni. Le verniciature a polvere sono disponibili in diversi colori, anche in effetti legno.

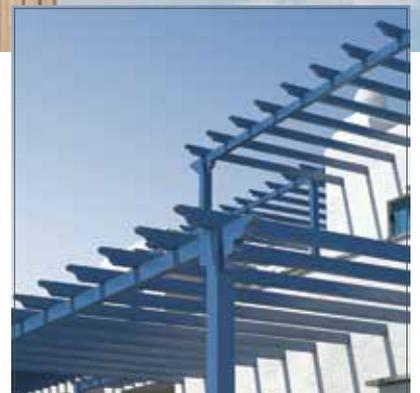


Classica





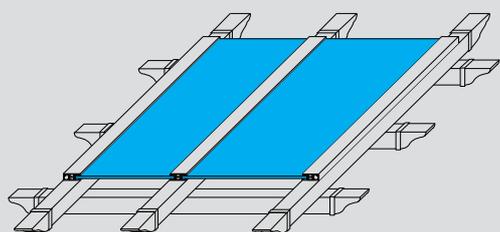
Progettati in una linea identica a quella dei pergolati in legno classici.



## Classica

Con copertura in policarbonato

La pergola tradizionale con lastre in policarbonato, offre una protezione aggiuntiva alle svariate condizioni meteorologiche, uno stile e un comfort in qualsiasi area abitabile esterna.



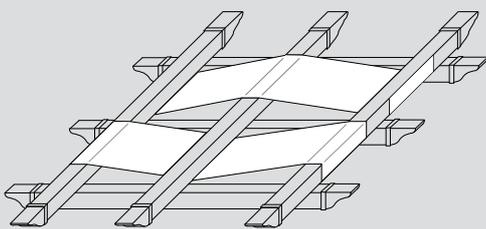
Classica- con policarbonato



# Classica

Con telo in pvc

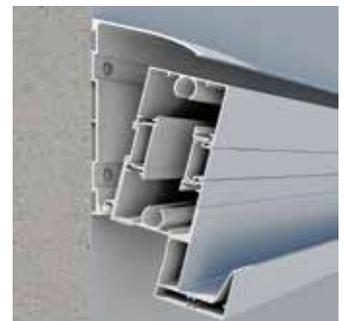
La combinazione della pergola tradizionale con la copertura in tela offre un'ulteriore protezione e ombreggiatura. Questa soluzione è ideale per le residenze estive, donando il fascino dello stile country.



Classica – con telo in pvc

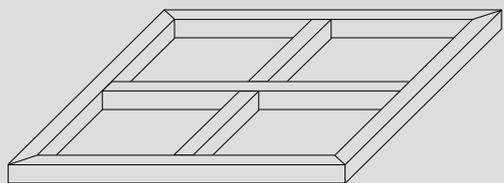


E' possibile anche fissare al muro la barra per pergolati inclinati.



## Moderna

Una versione moderna della pergola in alluminio, in linea semplice e minimale, adatto a edifici con il concetto "meno è più". Disponibile in svariati colori, con verniciatura a polvere elettrostatica Seaside class di alta qualità. E' la soluzione architettonica ideale per gli spazi esterni in ambienti moderni.



Moderna



Montaggio facile e rapido. Connettori speciali per l'installazione di travi orizzontali e verticali senza ulteriori lavorazioni o giunzioni.





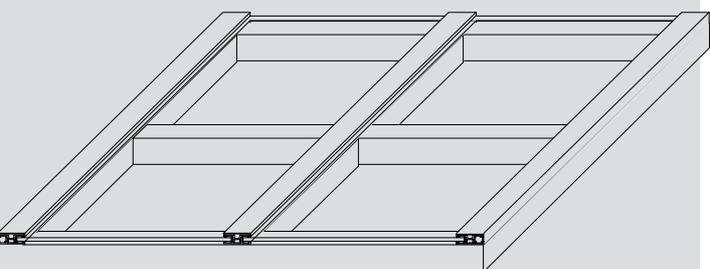
Prima viene fissata la struttura perimetrale e poi vengono inserite all'interno, con i vari accessori, le traverse.



## Moderna

Con Policarbonato

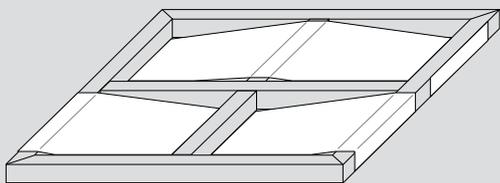
Offre protezione dalla pioggia e rende il vostro giardino confortevole ed estremamente moderno.



# Moderna

Con telo in pvc

Un'altra versione della pergola, è un telo fissato sulla struttura in alluminio, che offre un'ombreggiatura aggiuntiva ai balconi, giardini ecc.



Moderna - con copertura in telo



L'uso del tessuto in tela/pvc offre protezione dalla luce e un risultato moderno o tradizionale a seconda dello stile desiderato.

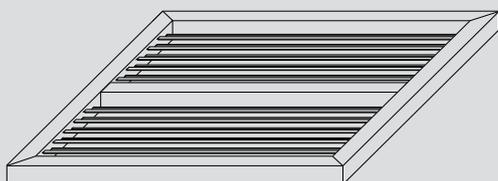


## Moderna

Con veneziane movibili

L'evoluzione tecnologica nei sistemi d'ombra !!! Una soluzione moderna eccezionale con alta funzionalità e valore estetico.

La pergola può essere motorizzata fornendo la migliore condizione di protezione solare. Può essere facilmente azionabile con un telecomando.



Moderna – con veneziane movibili



Optional:  
Meccanismo  
elettrico



I perni in  
Plastica  
Offrono  
Stabilità,  
Resistenza e  
Un movimento  
silenzioso

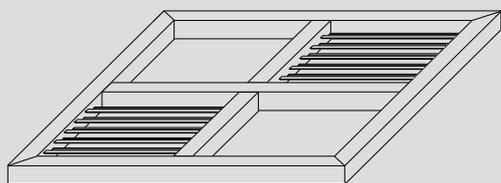




# Moderna

Con veneziane fisse

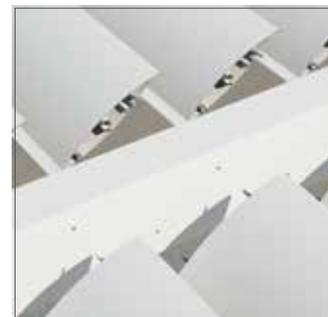
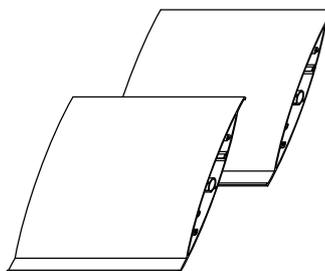
La classe incontra la qualità. Un'altra opzione della pergola moderna è l'utilizzo delle veneziane fisse.

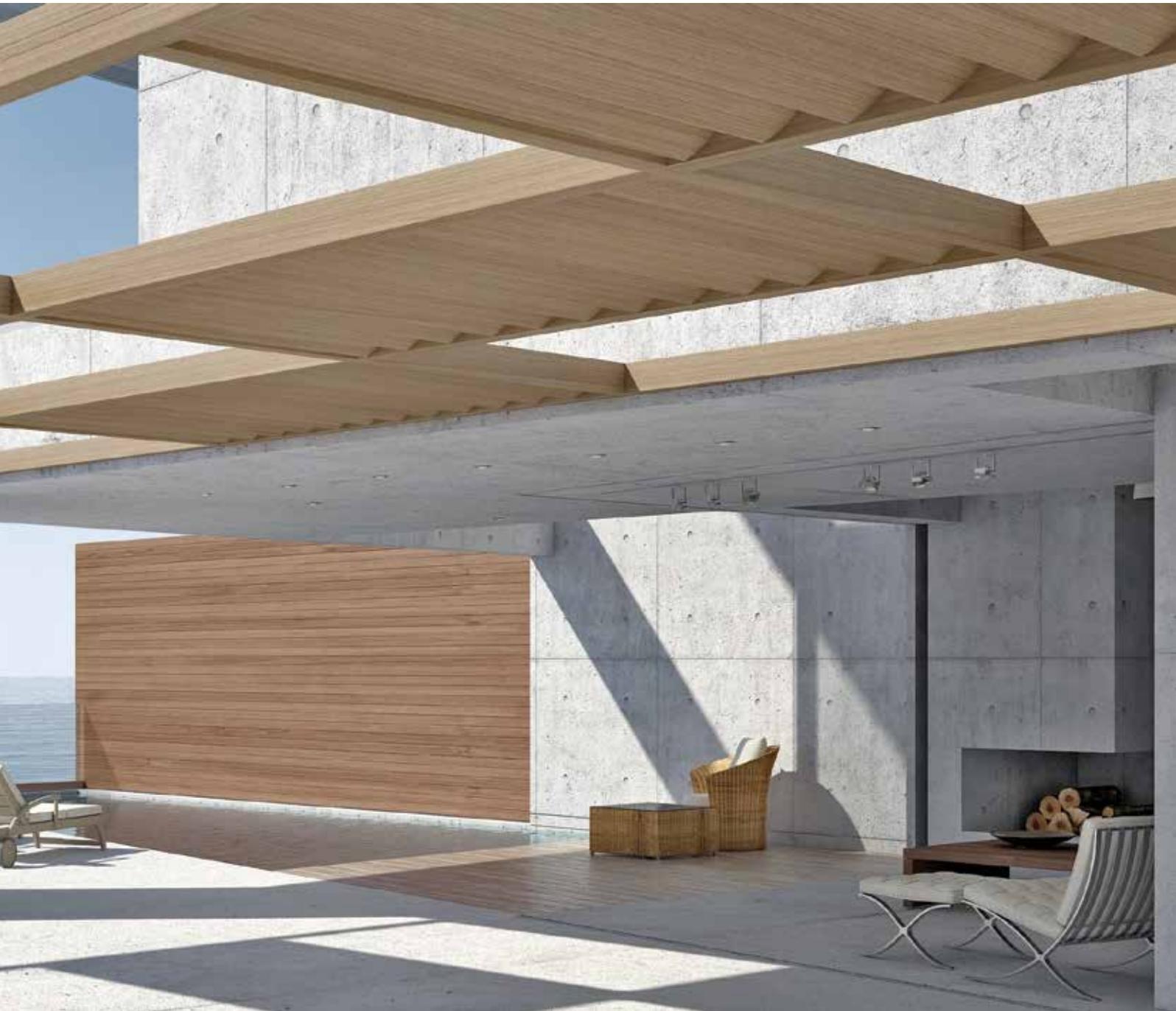


Moderna con veneziane fisse

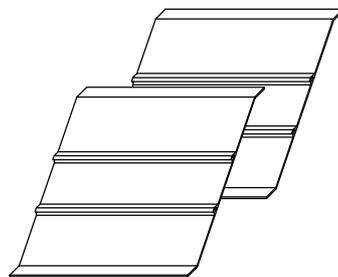


Optional: lamelle bombate

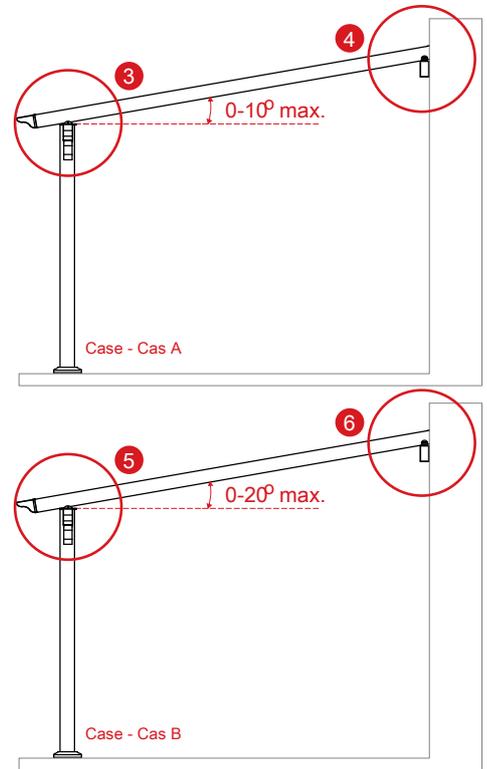
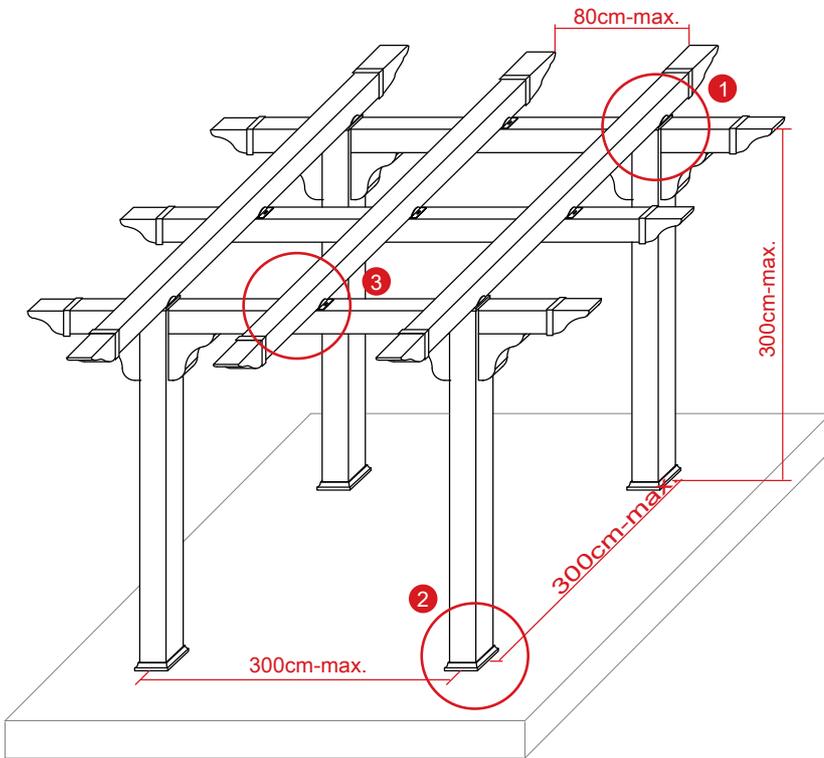




Optional: lamelle piatte

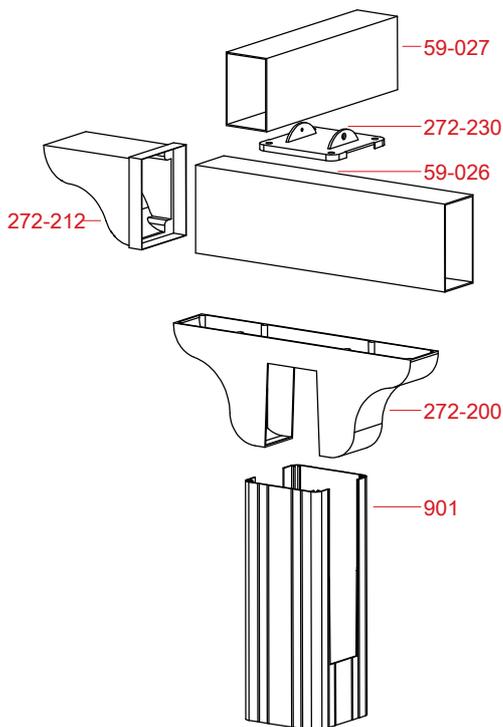


# Applicazioni

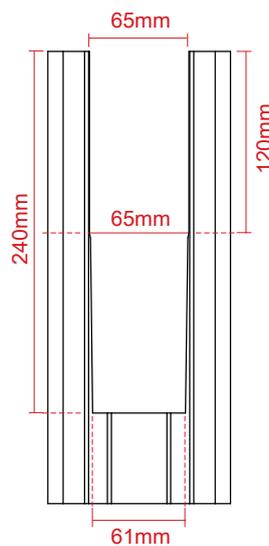


## Assemblaggio della colonna

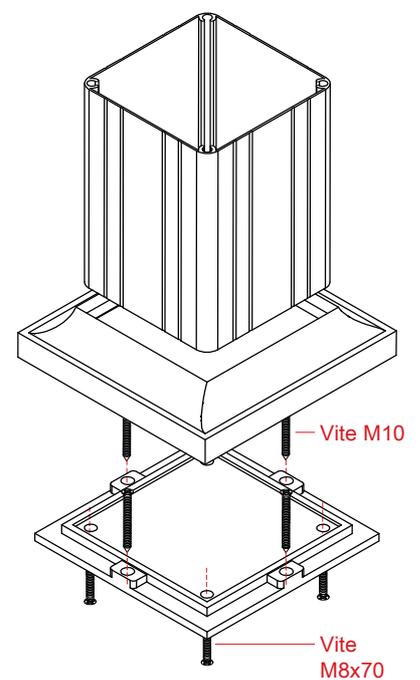
### 1 Inclinazione 0°



Colonna tagliata per il supporto e per la traversa

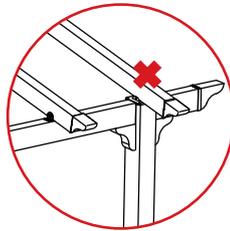
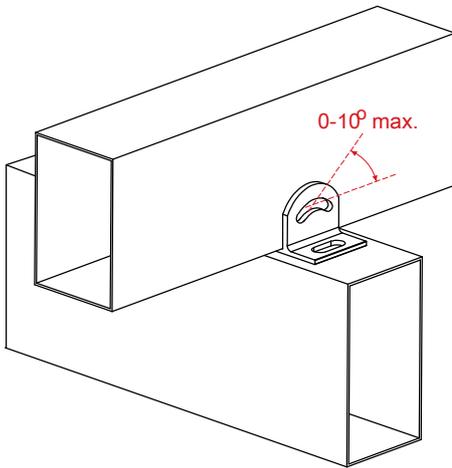


### 2 Supporto colonna a pavimento.

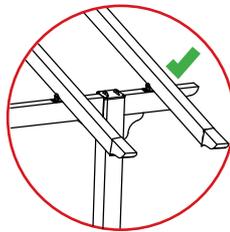


## Supporto traverse

3 Inclinazione fino a 10°

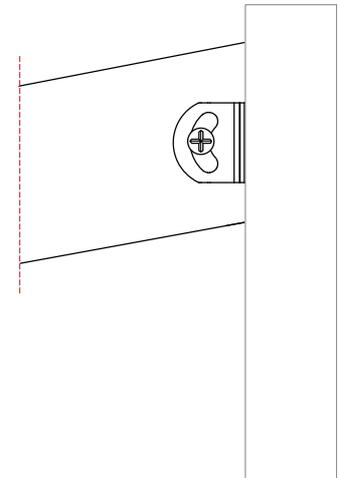


Modo di Sostegno errato

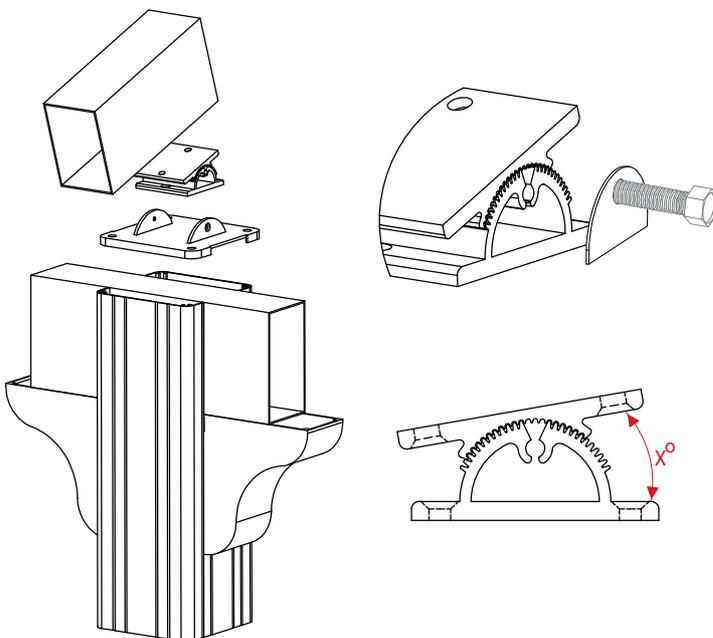


Modo di Sostegno Corretto

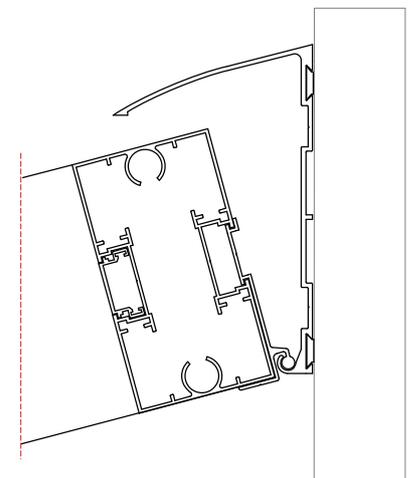
4 Montaggio traversa a muro



5 Inclinazione fino a 20°

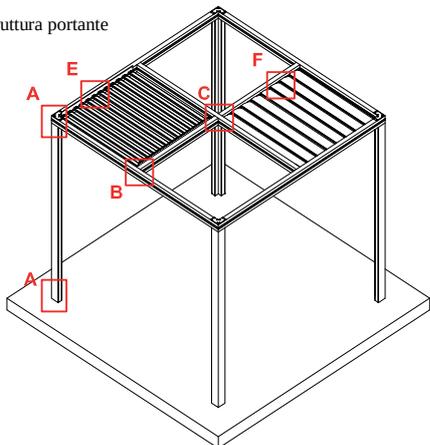


6 Trave a muro con sostegno

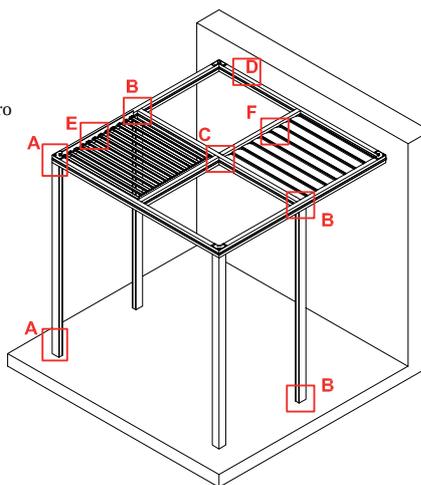


# APPLICAZIONI PERGOLA MODERNA

Montaggio struttura portante

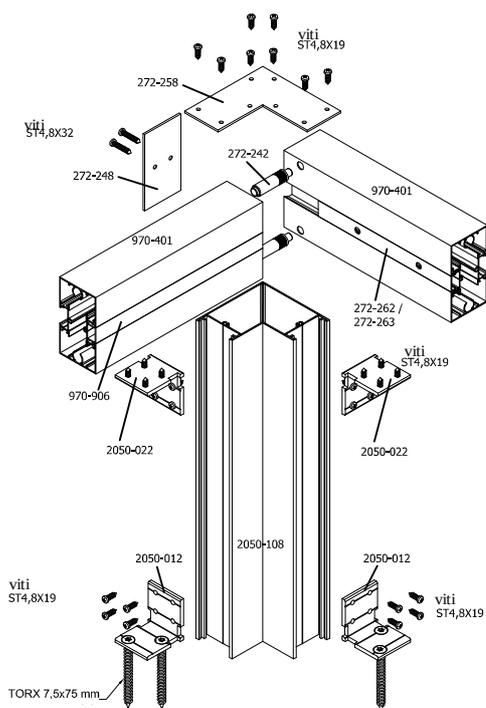
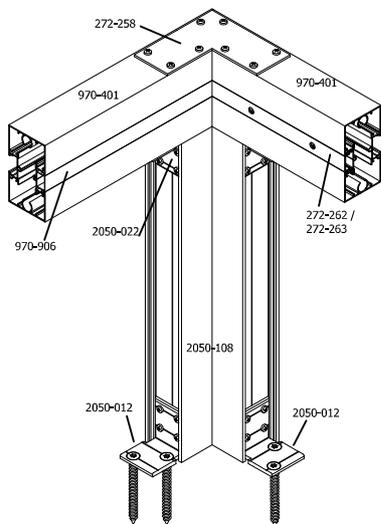


Montaggio struttura con fissaggio a muro



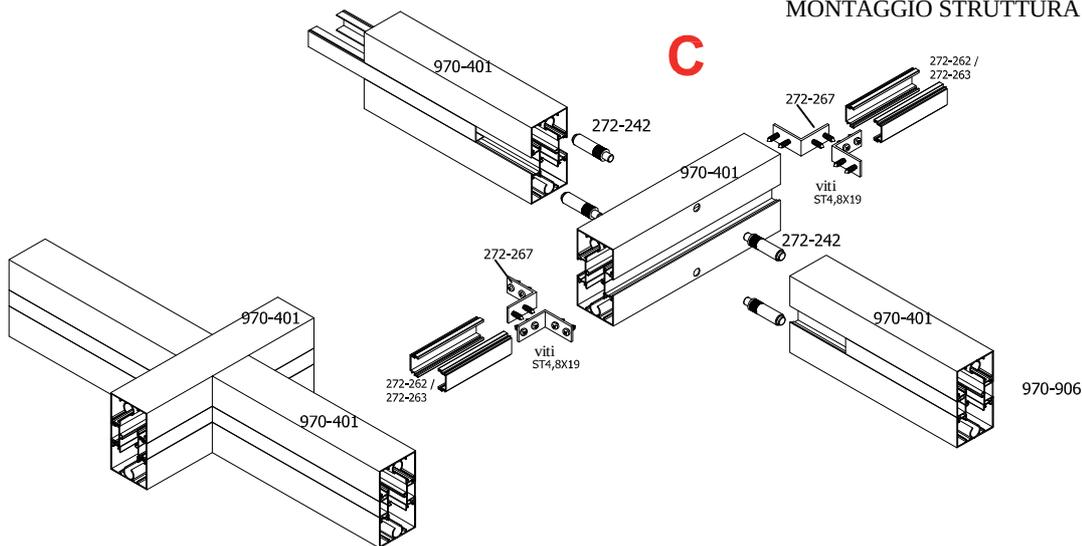
## MONTAGGIO COLONNA E STRUTTURA SUPERIORE

**A**



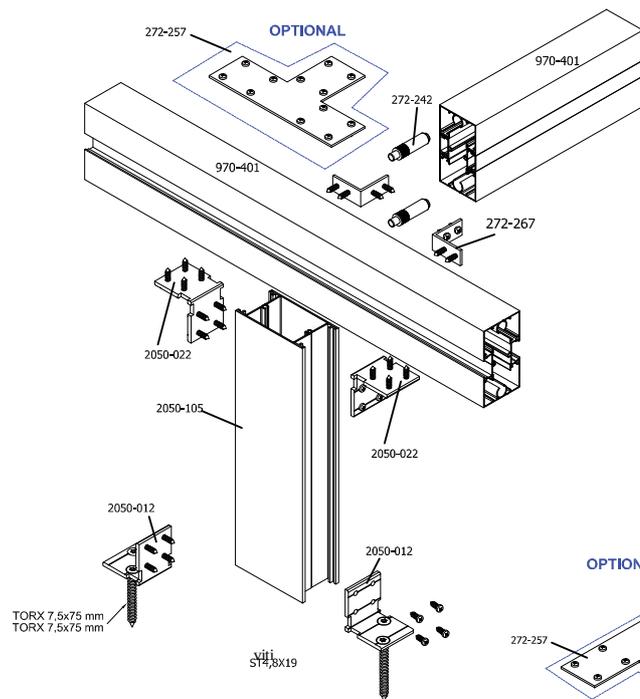
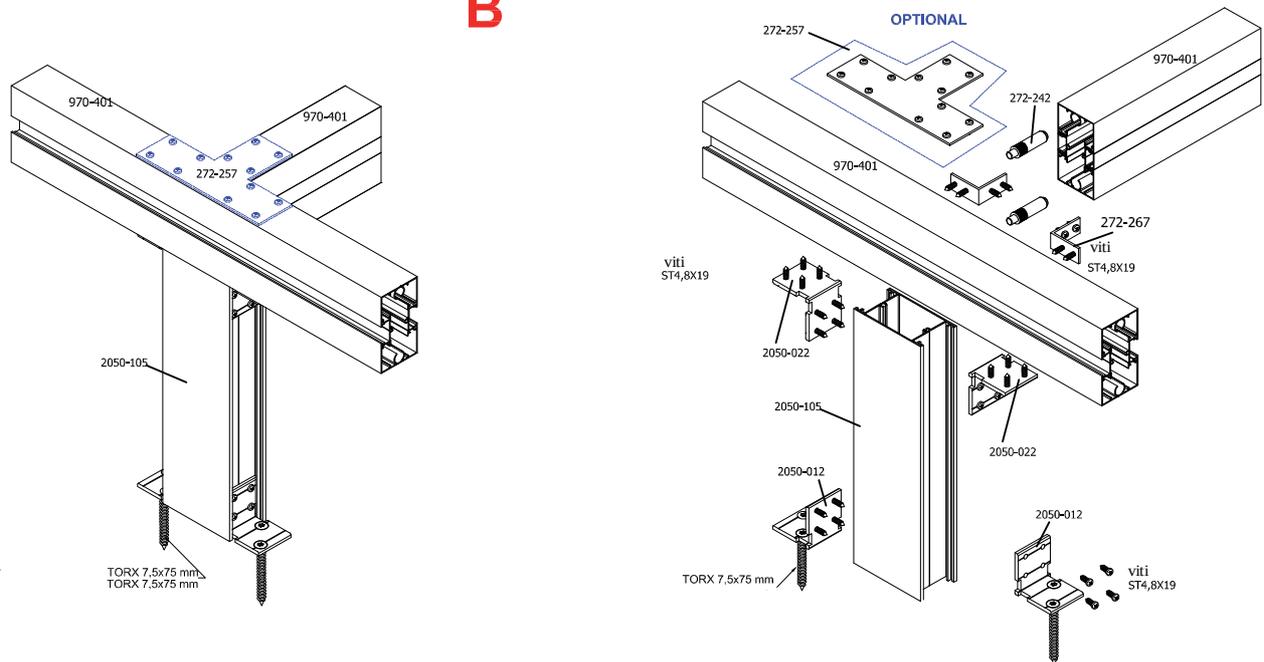
## MONTAGGIO STRUTTURA SUPERIORE

**C**

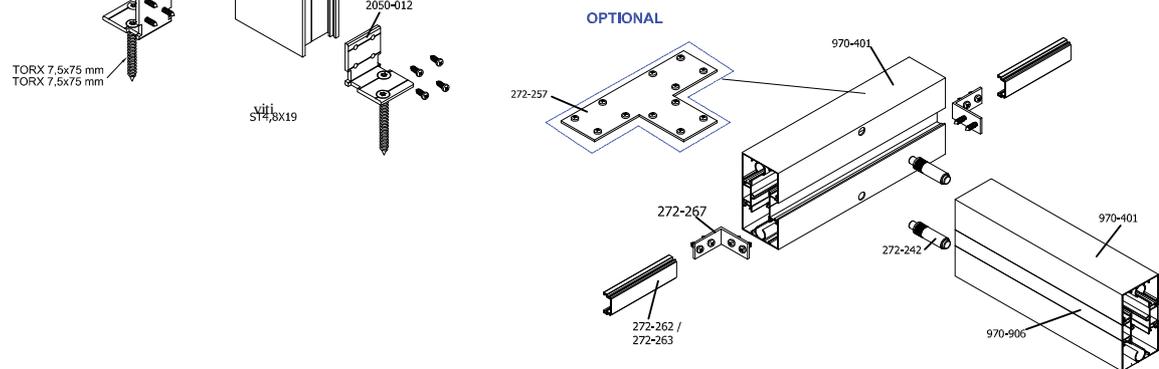


# MONTAGGIO STRUTTURA SUPERIORE

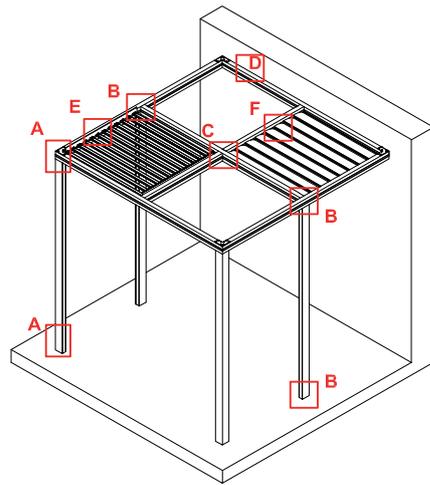
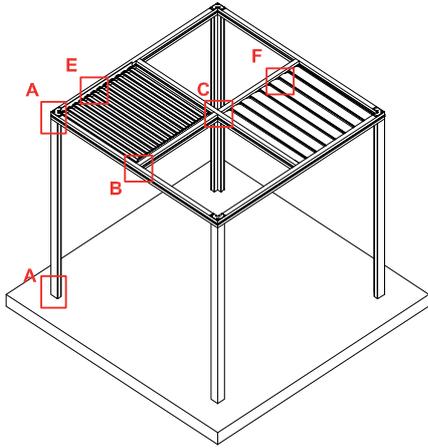
**B**



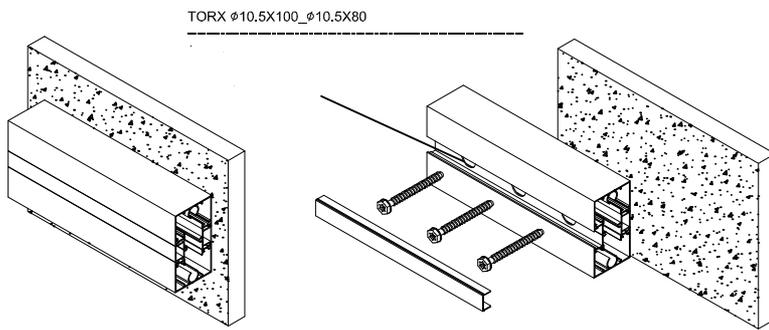
**C**



## MONTAGGIO PERGOLA MODERNA SU MURO

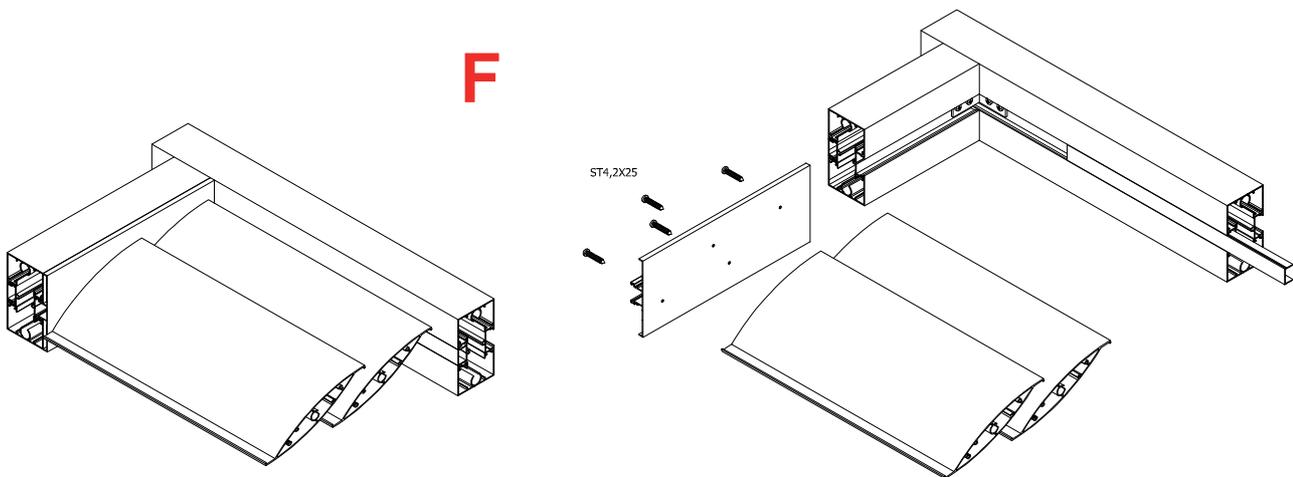


**D**



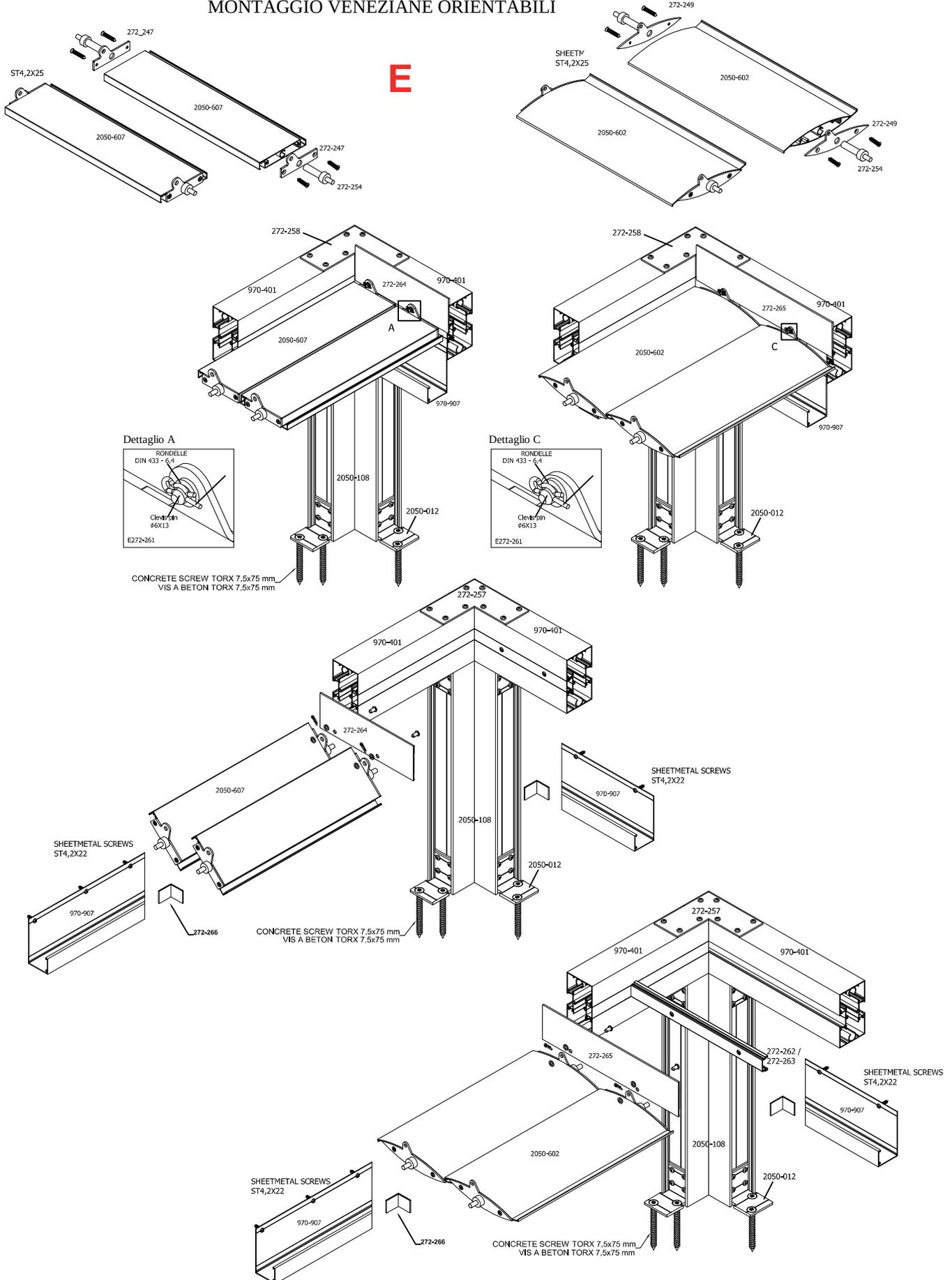
## MONTAGGIO VENEZIANE FISSE

**F**

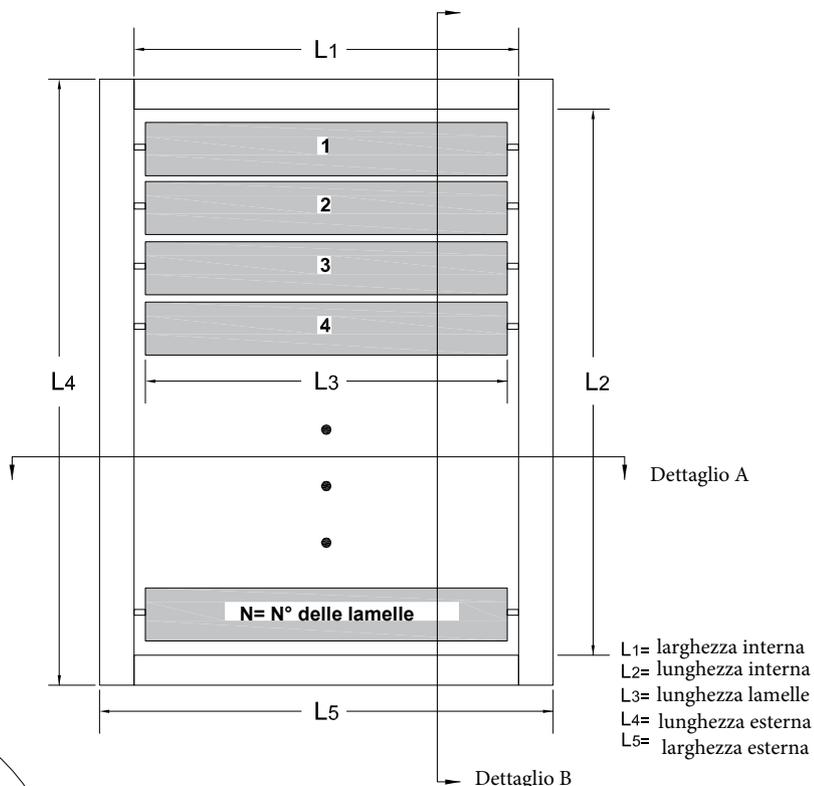


# MONTAGGIO VENEZIANE ORIENTABILI

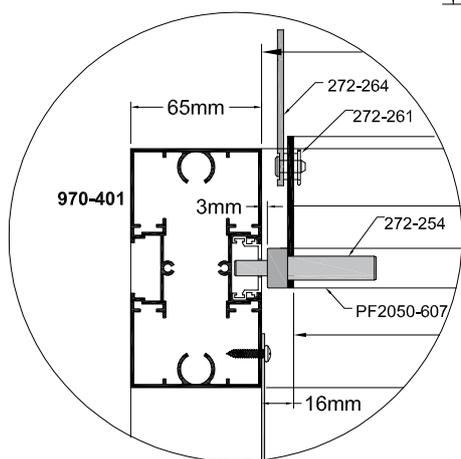
**E**



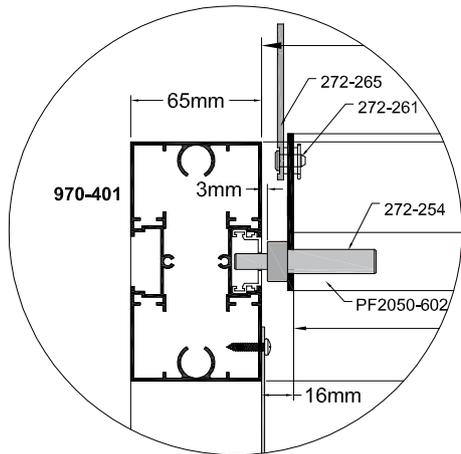
# Calcolo per il taglio delle lamelle nella pergola moderna



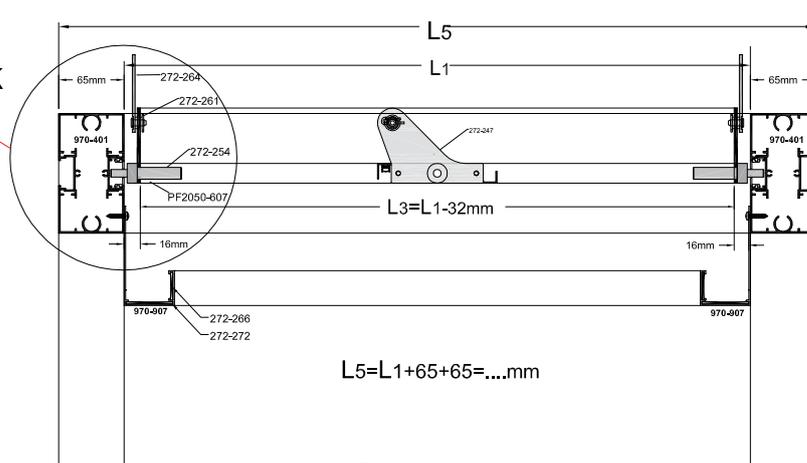
Dettaglio K



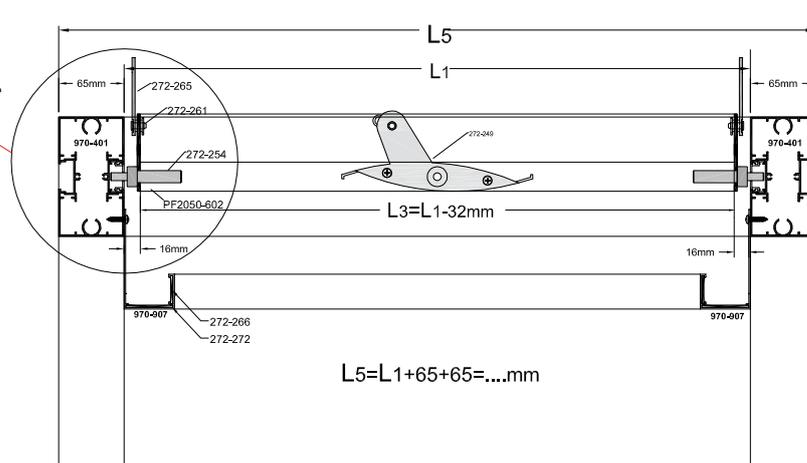
Dettaglio L



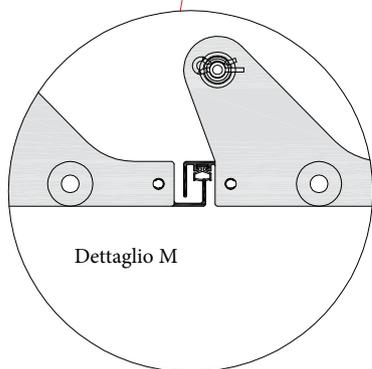
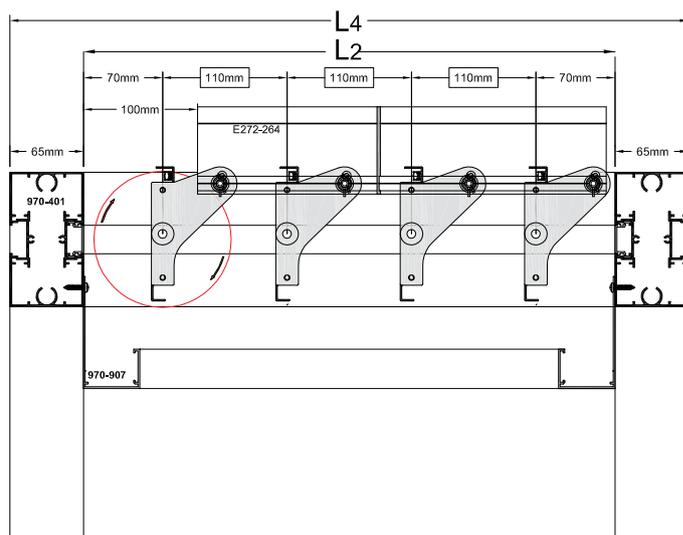
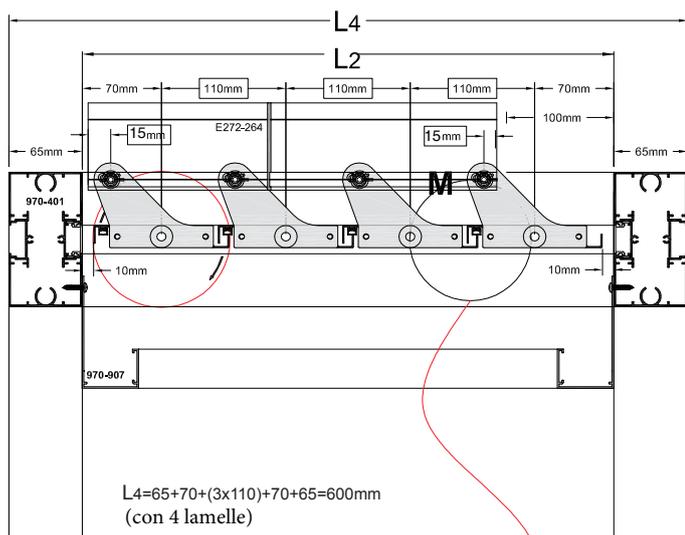
Dettaglio A



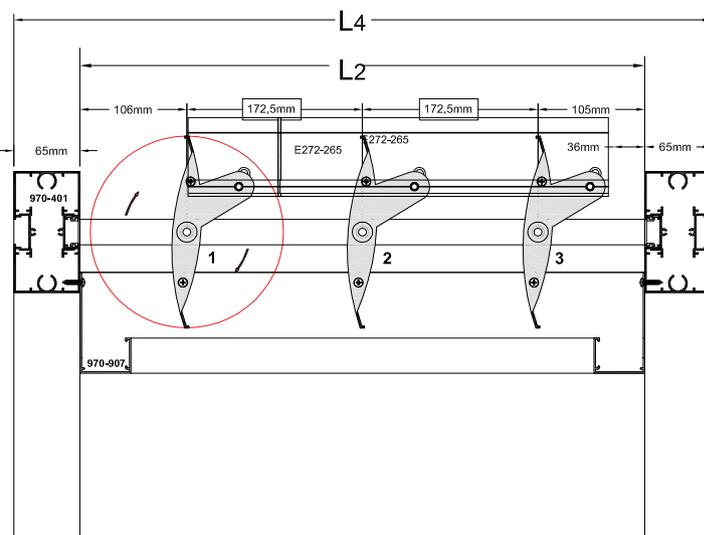
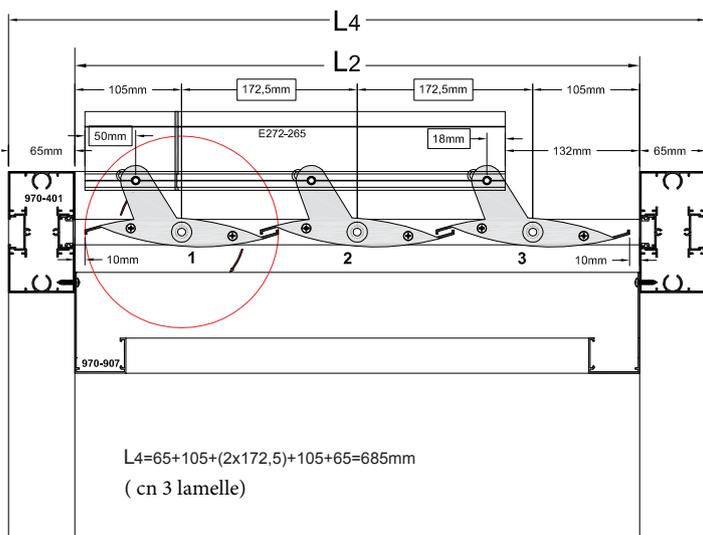
Dettaglio A



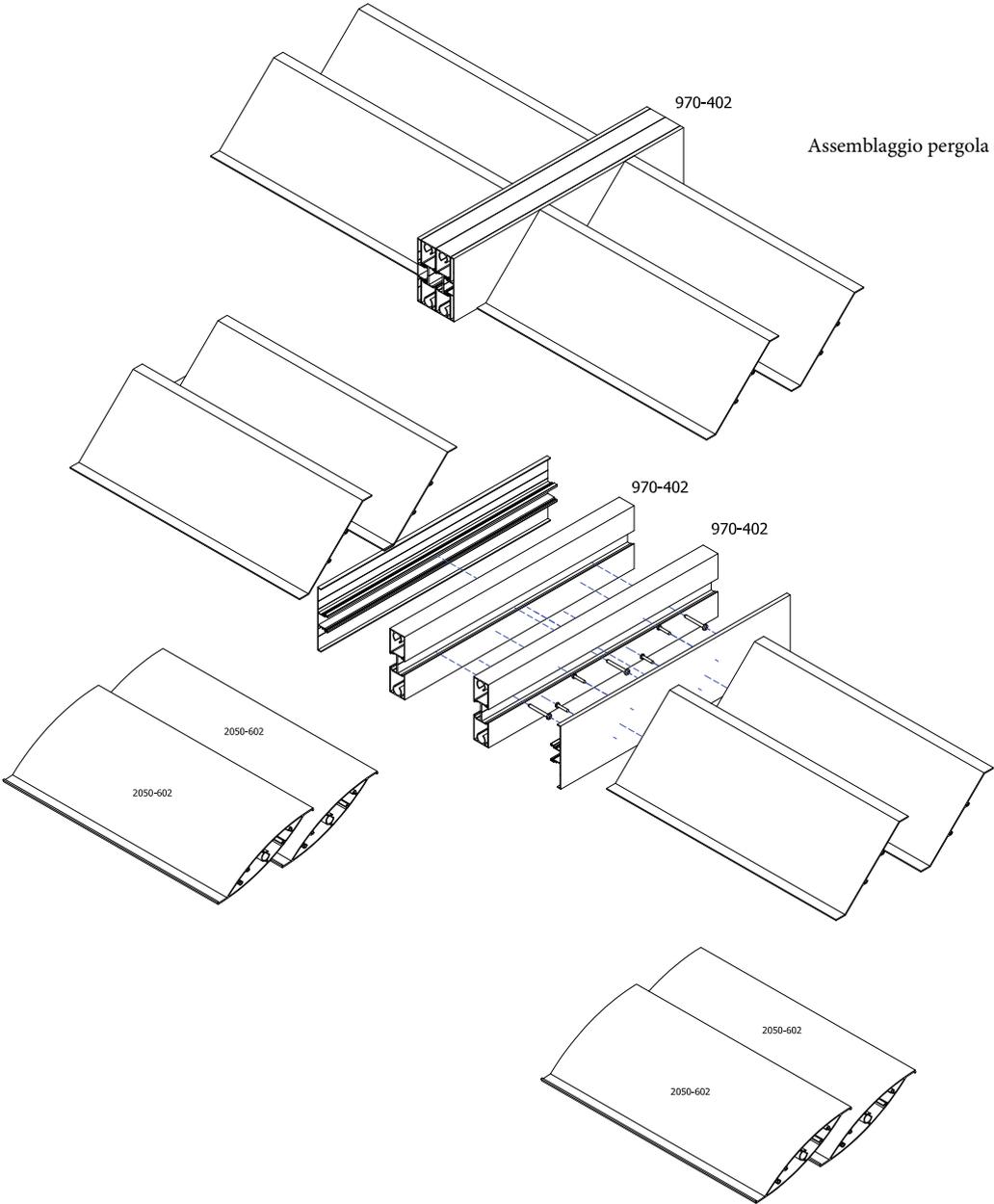
Dettaglio B



Dettaglio B



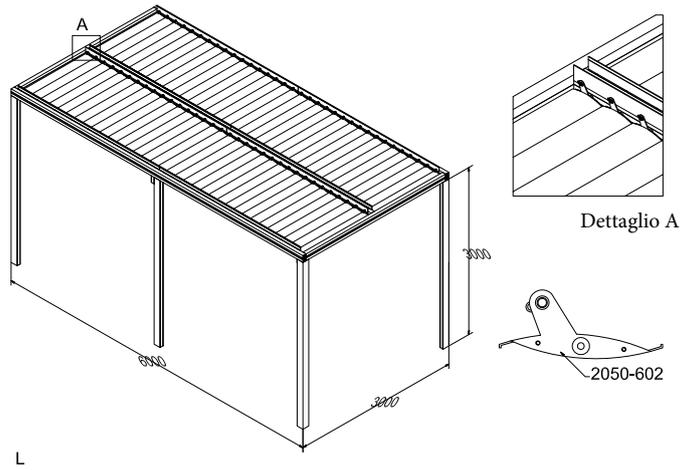
# Esempi di lamelle fisse nella pergola moderna



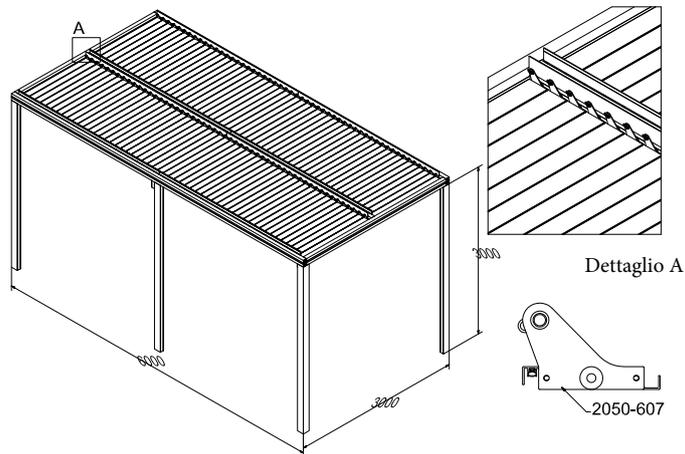
Assemblaggio pergola moderna con lamelle fisse

## Esempi vari di composizione pergolato con lamelle

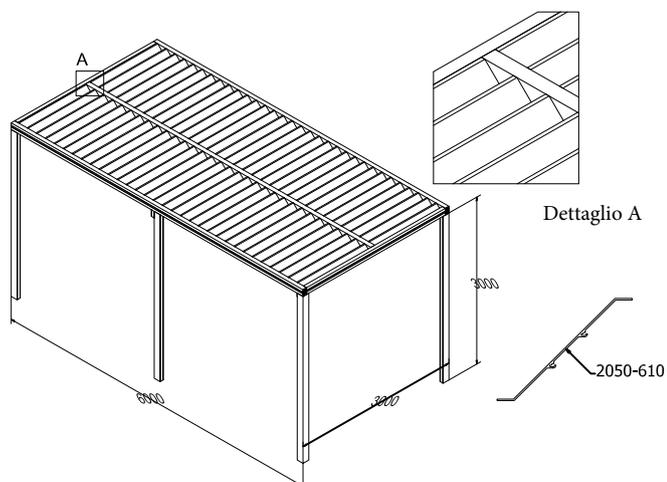
Numero lamelle = 68  
Spazio lamelle = 172,5 mm



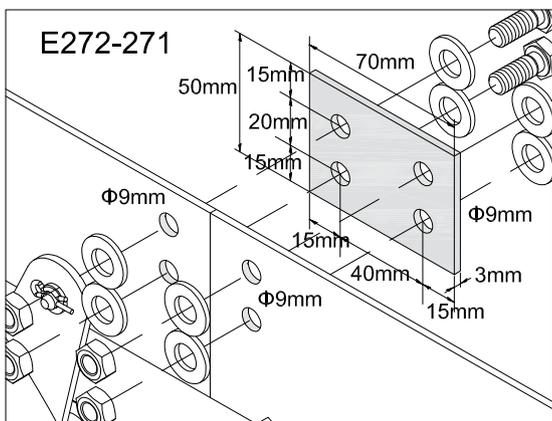
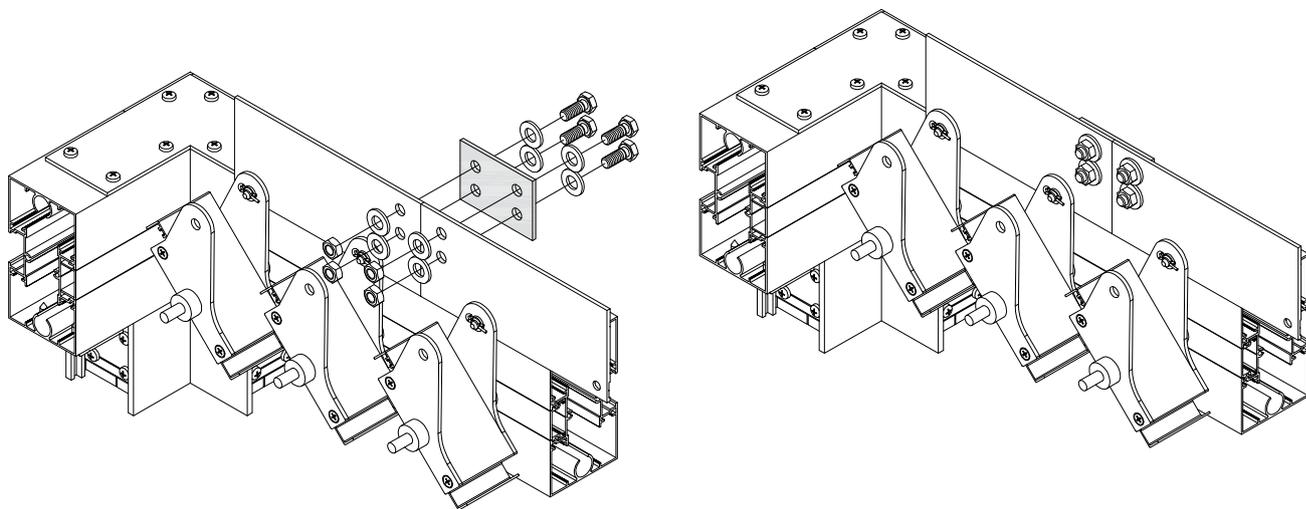
Numero lamelle = 106  
Spazio lamelle = 110 mm



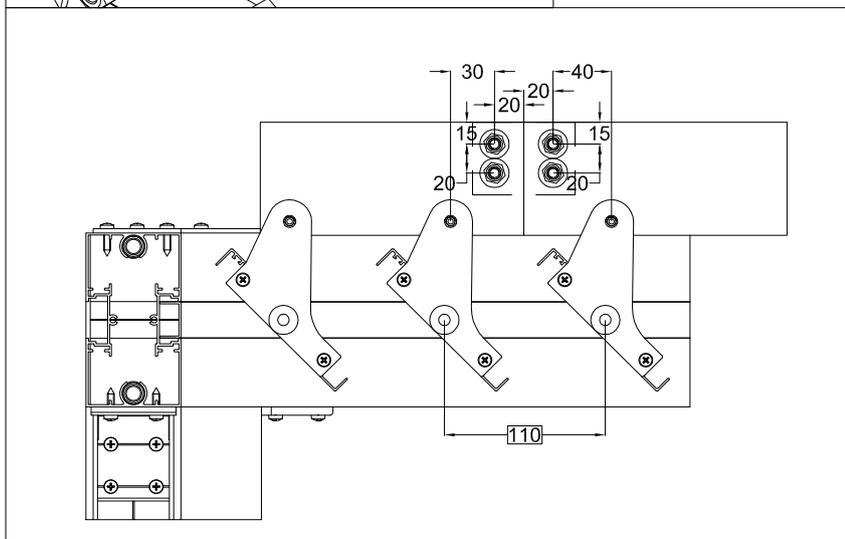
Numero lamelle = 64  
Spazio lamelle fisse = 185 mm



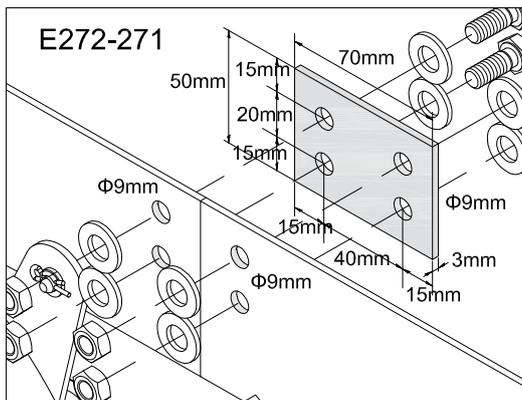
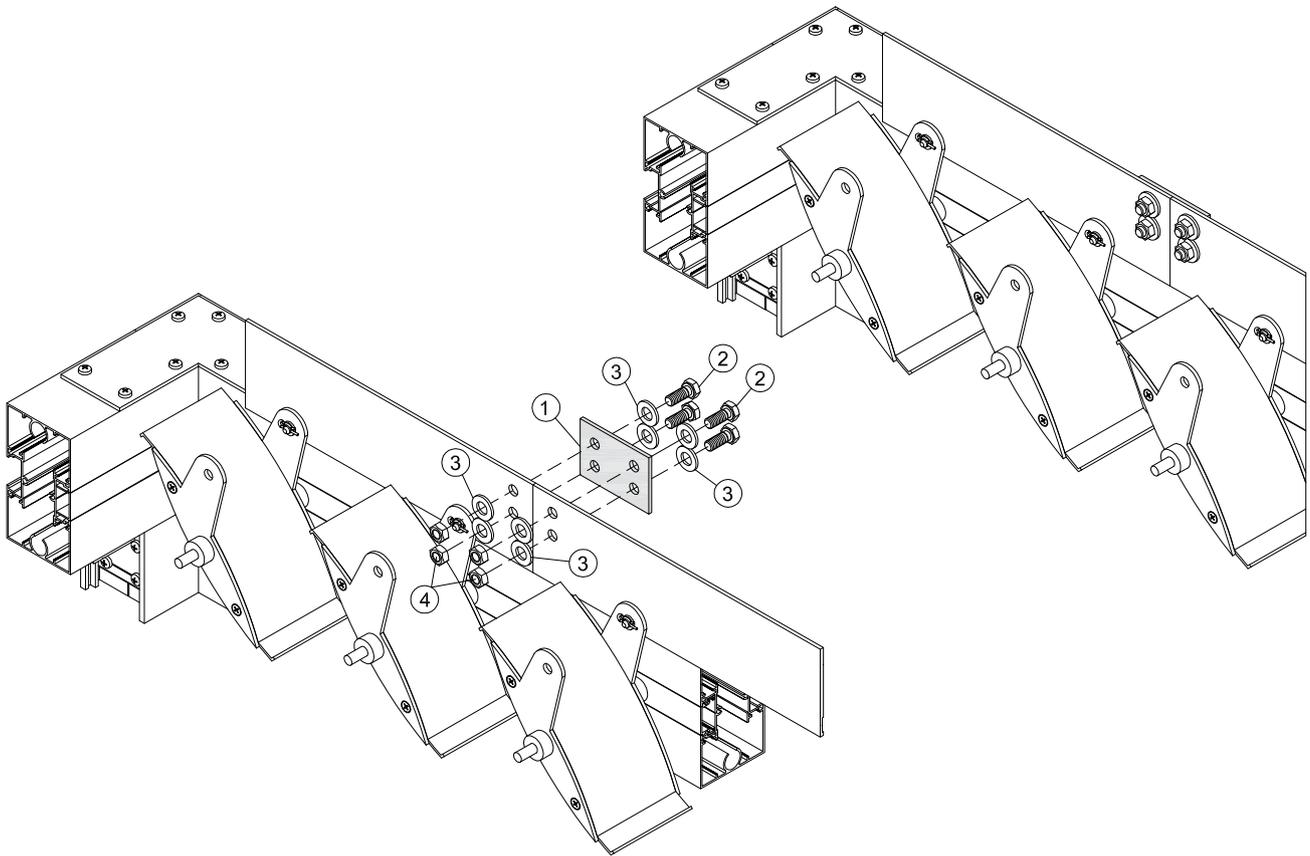
## Esempi di montaggio lamelle orientabili 272-264



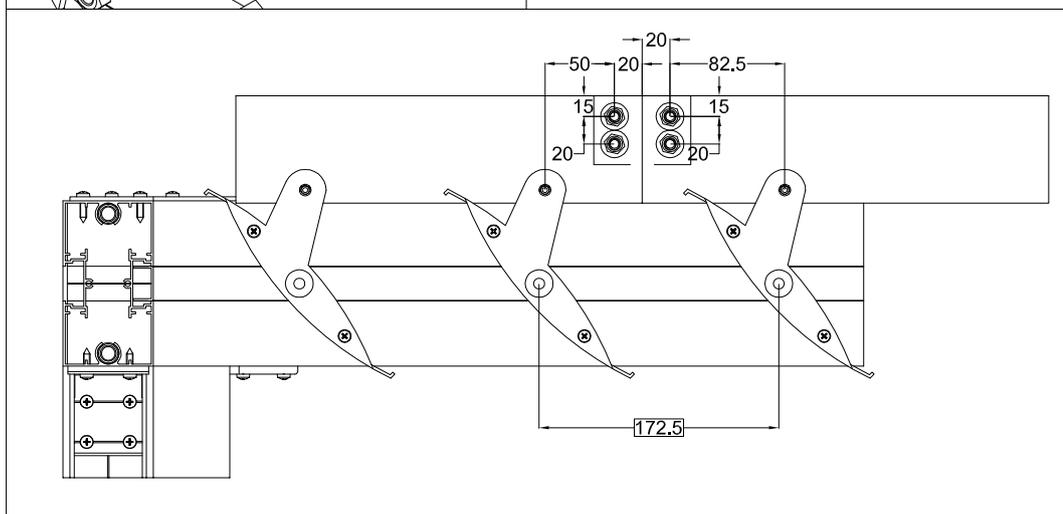
Lista accessori		
A/A		PZ
1	E272-271	1
2	DIN933-M8x20 HEX BOLT (A2)	4
3	WASHER DIN125-A M10 (A2)	8
4	HEX LOCKNUT DIN982 - M8 (A2)	4



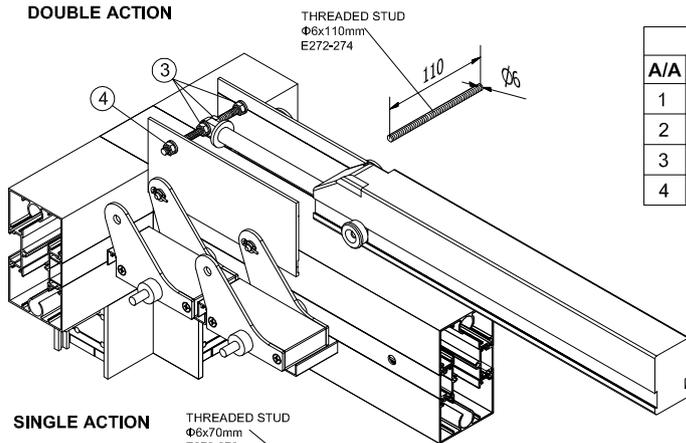
## Esempi di montaggio per lamelle orientabili 272-265



Lista accessori		
A/A		PZ
1	E272-271	1
2	DIN933-M8x20 HEX BOLT (A2)	4
3	WASHER DIN125-A M10 (A2)	8
4	HEX LOCKNUT DIN982 - M8 (A2)	4



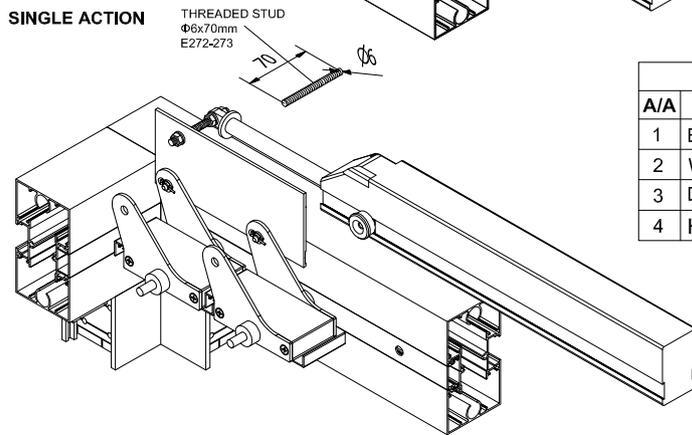
## Esempio di montaggio lamelle motorizzate 2050-607



**DOUBLE ACTION**

**BOM: BILL OF MATERIAL**

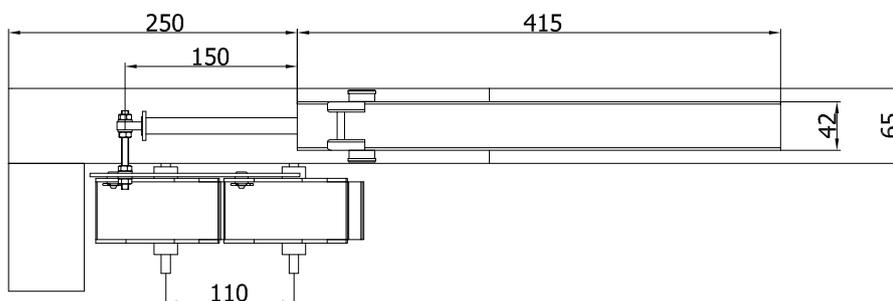
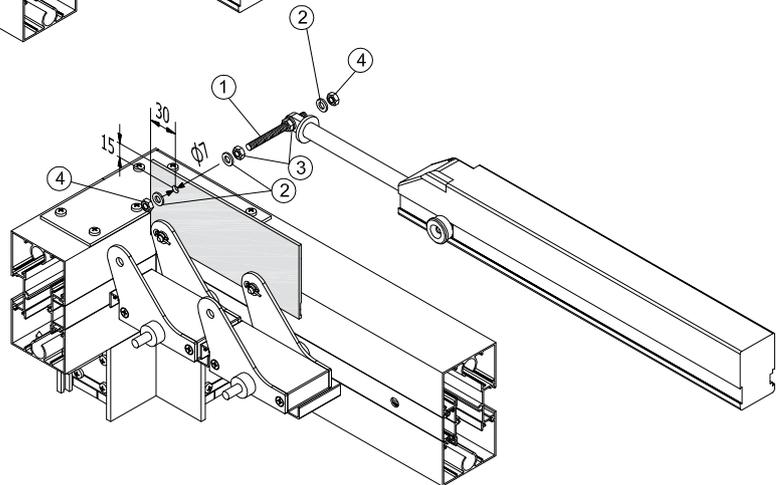
A/A	MATERIAL	Pcs
1	E272-274 _ $\Phi 6-110 \text{mm}$ (A2)	1
2	WASHER DIN433 M6 (A2)	6
3	DIN934-M6 HEX NUT (A2)	4
4	HEX LOCKNUT DIN982 - M8 (A2)	2



**SINGLE ACTION**

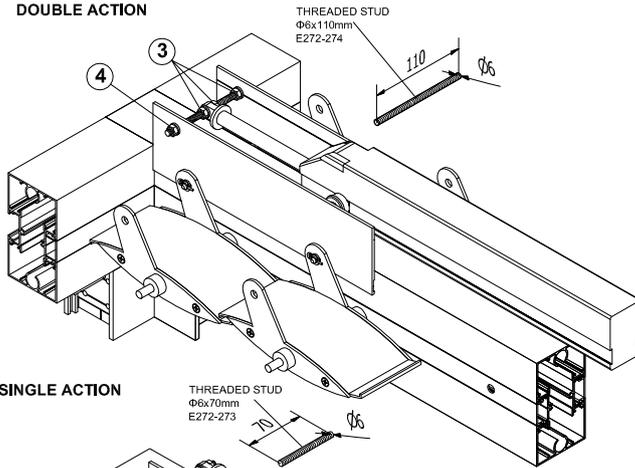
**BOM: BILL OF MATERIAL**

A/A	MATERIAL	Pcs
1	E272-273 _ $\Phi 6-70 \text{mm}$ (A2)	1
2	WASHER DIN433 M6 (A2)	4
3	DIN934-M6 HEX NUT (A2)	2
4	HEX LOCKNUT DIN982 - M8 (A2)	2



## Esempio di montaggio con lamelle motorizzate 2050-602

### DOUBLE ACTION

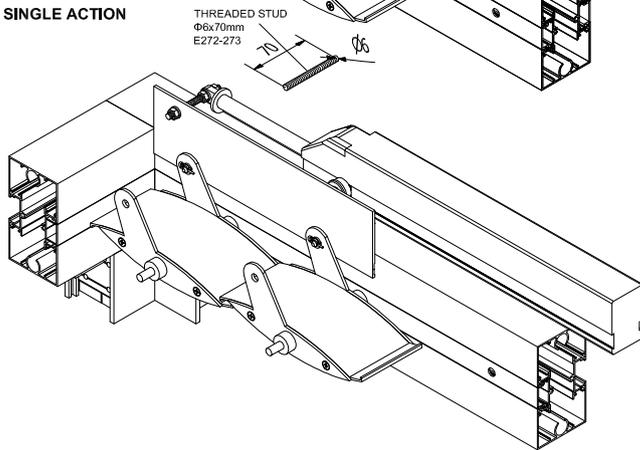


### DOUBLE ACTION

#### BOM: BILL OF MATERIAL

A/A	MATERIAL	Pcs
1	E272-274 _ $\Phi 6$ -110mm (A2)	1
2	WASHER DIN433 M6 (A2)	6
3	DIN934-M6 HEX NUT (A2)	4
4	HEX LOCKNUT DIN982 - M8 (A2)	2

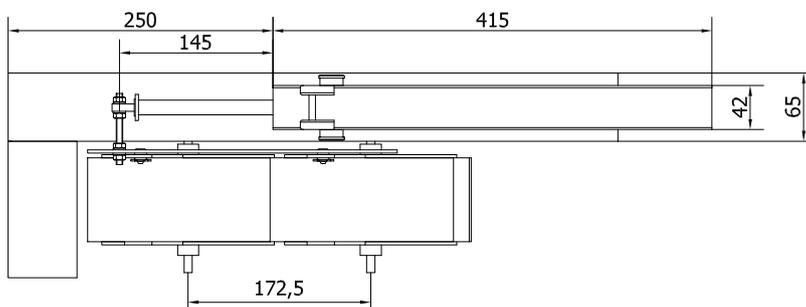
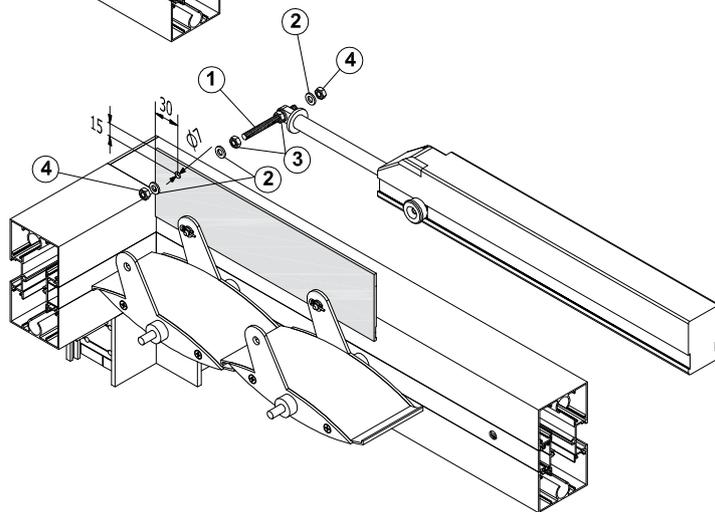
### SINGLE ACTION



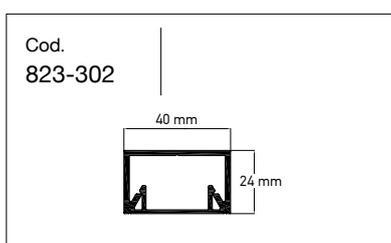
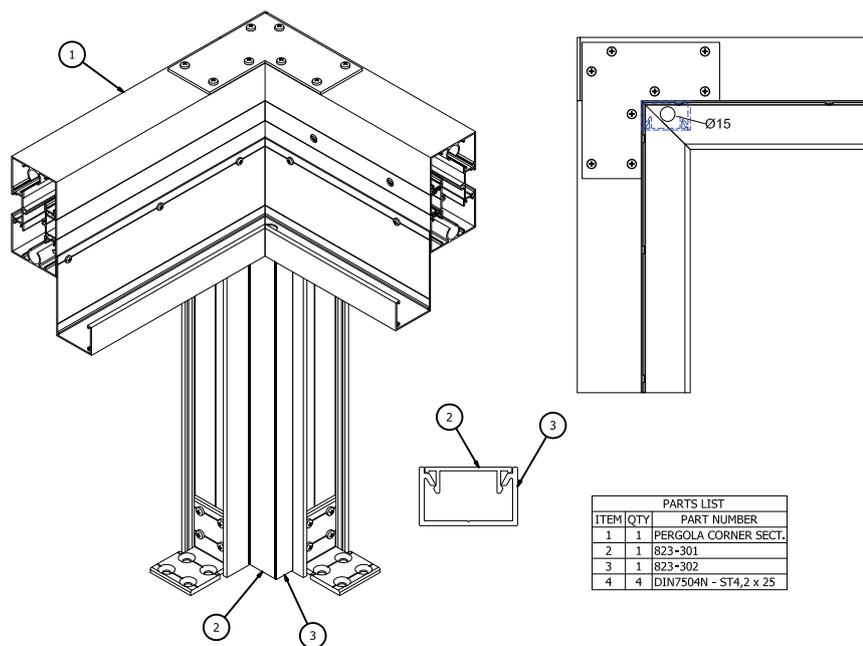
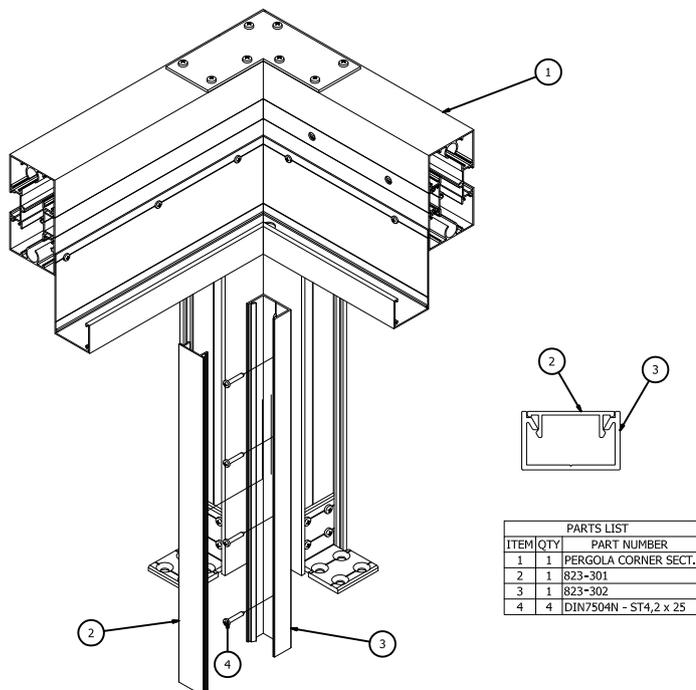
### SINGLE ACTION

#### BOM: BILL OF MATERIAL

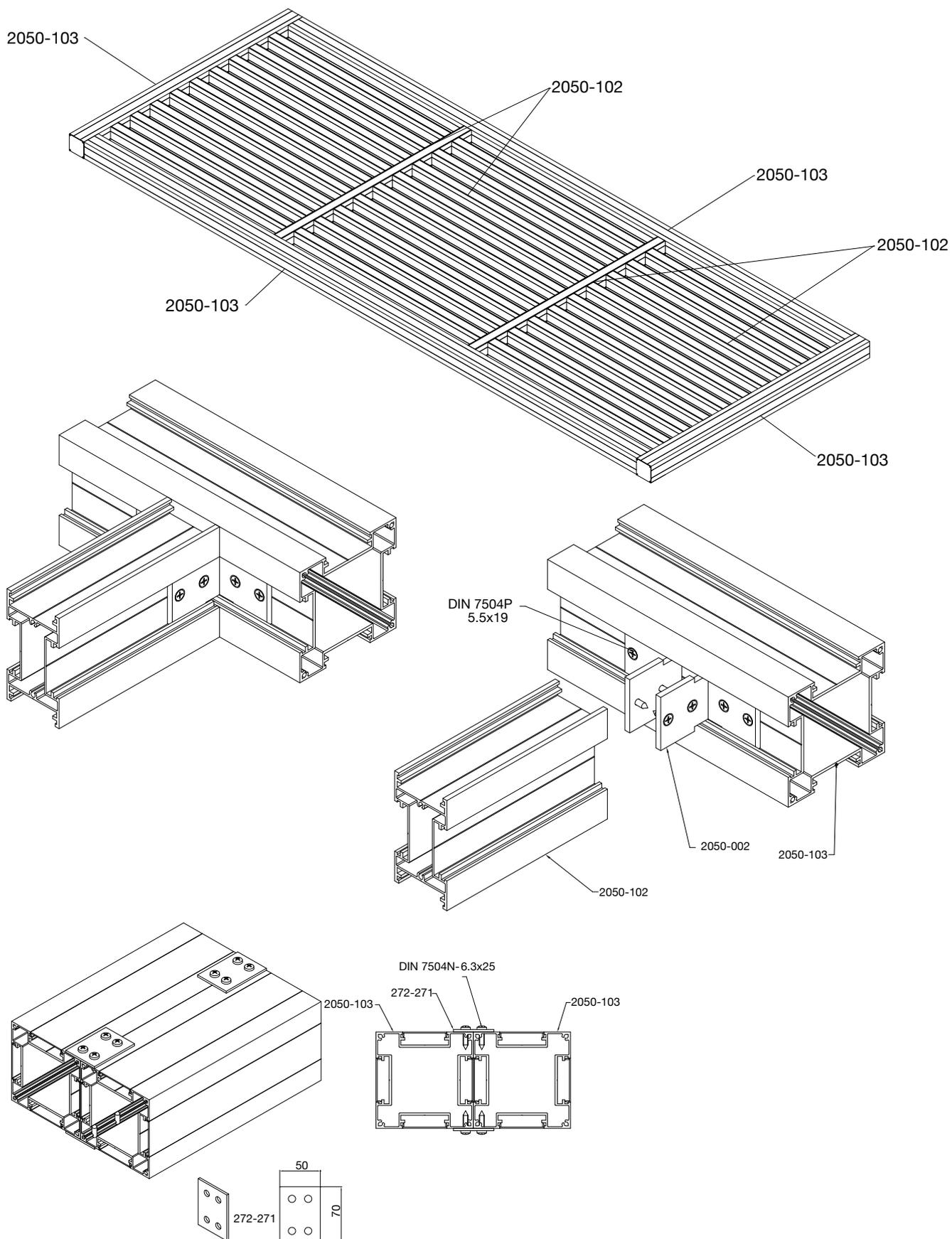
A/A	MATERIAL	Pcs
1	E272-273 _ $\Phi 6$ -70mm (A2)	1
2	WASHER DIN433 M6 (A2)	4
3	DIN934-M6 HEX NUT (A2)	2
4	HEX LOCKNUT DIN982 - M8 (A2)	2



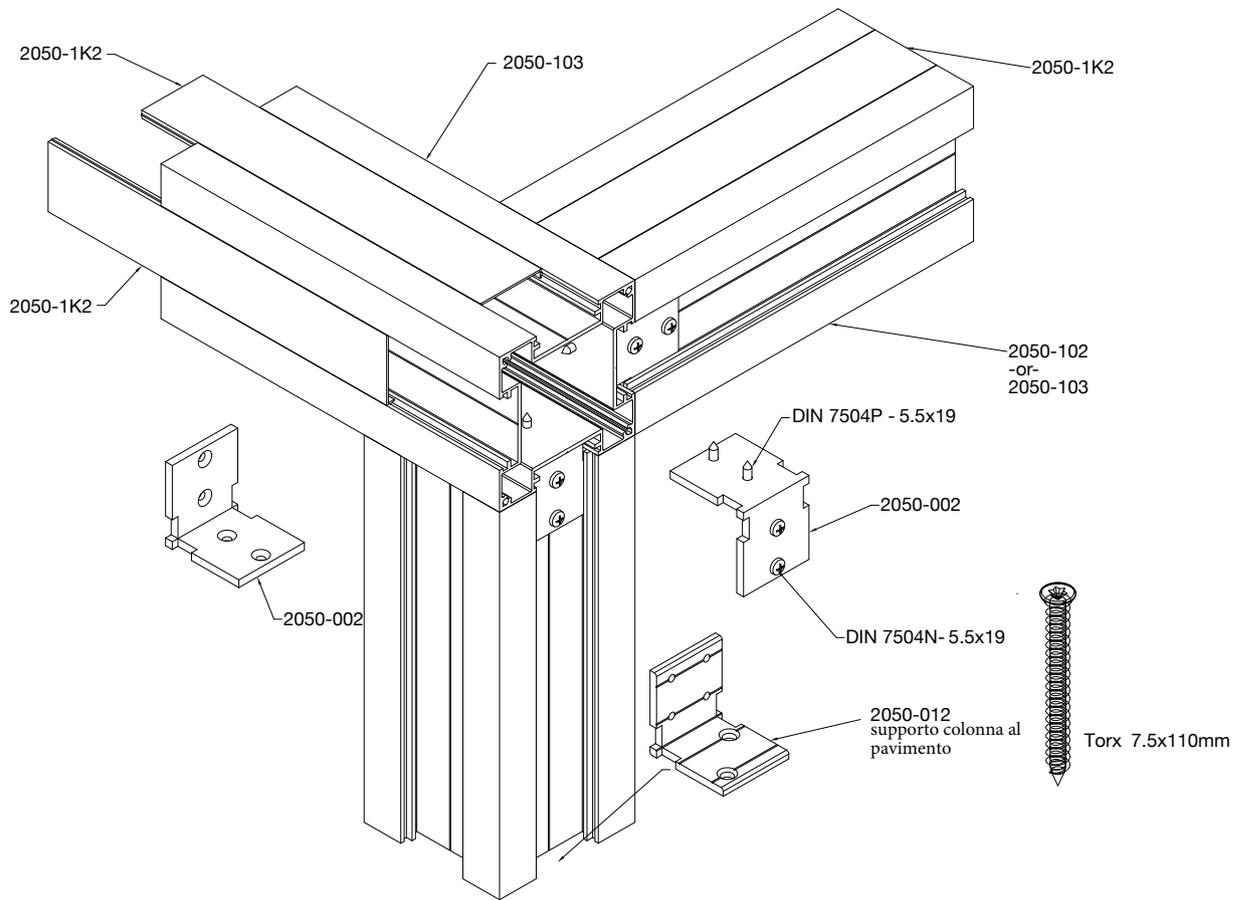
## Esempio di montaggio gocciolatoio



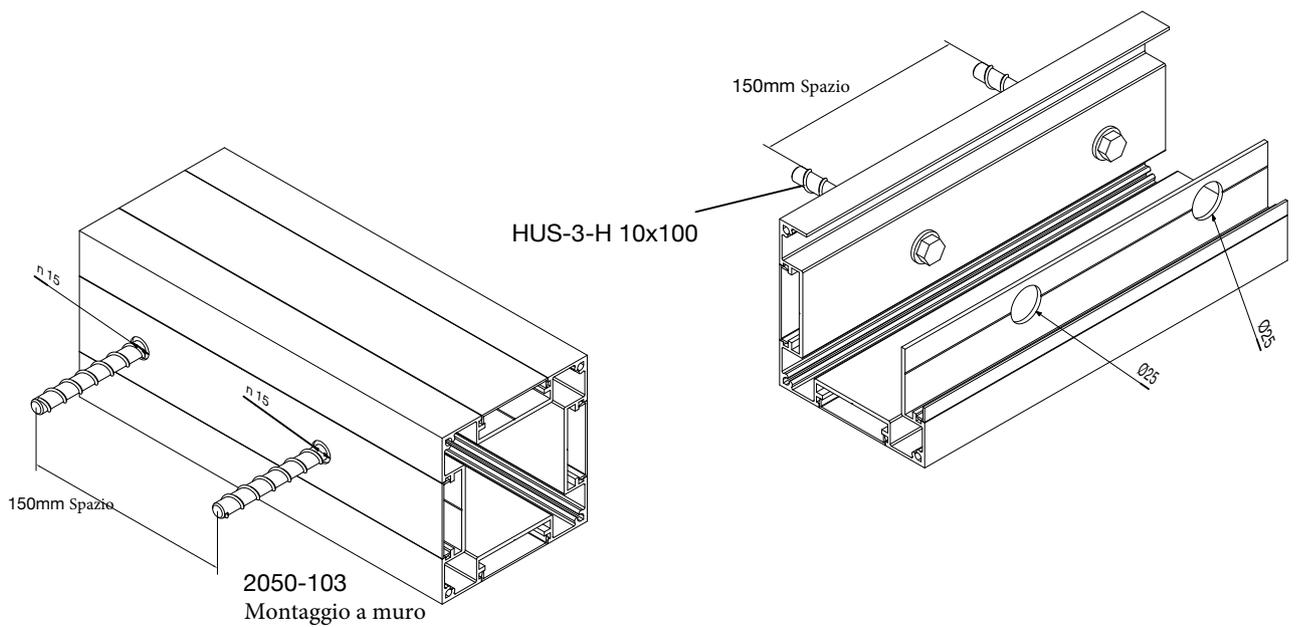
# Montaggio 2050-102 & 2050-103



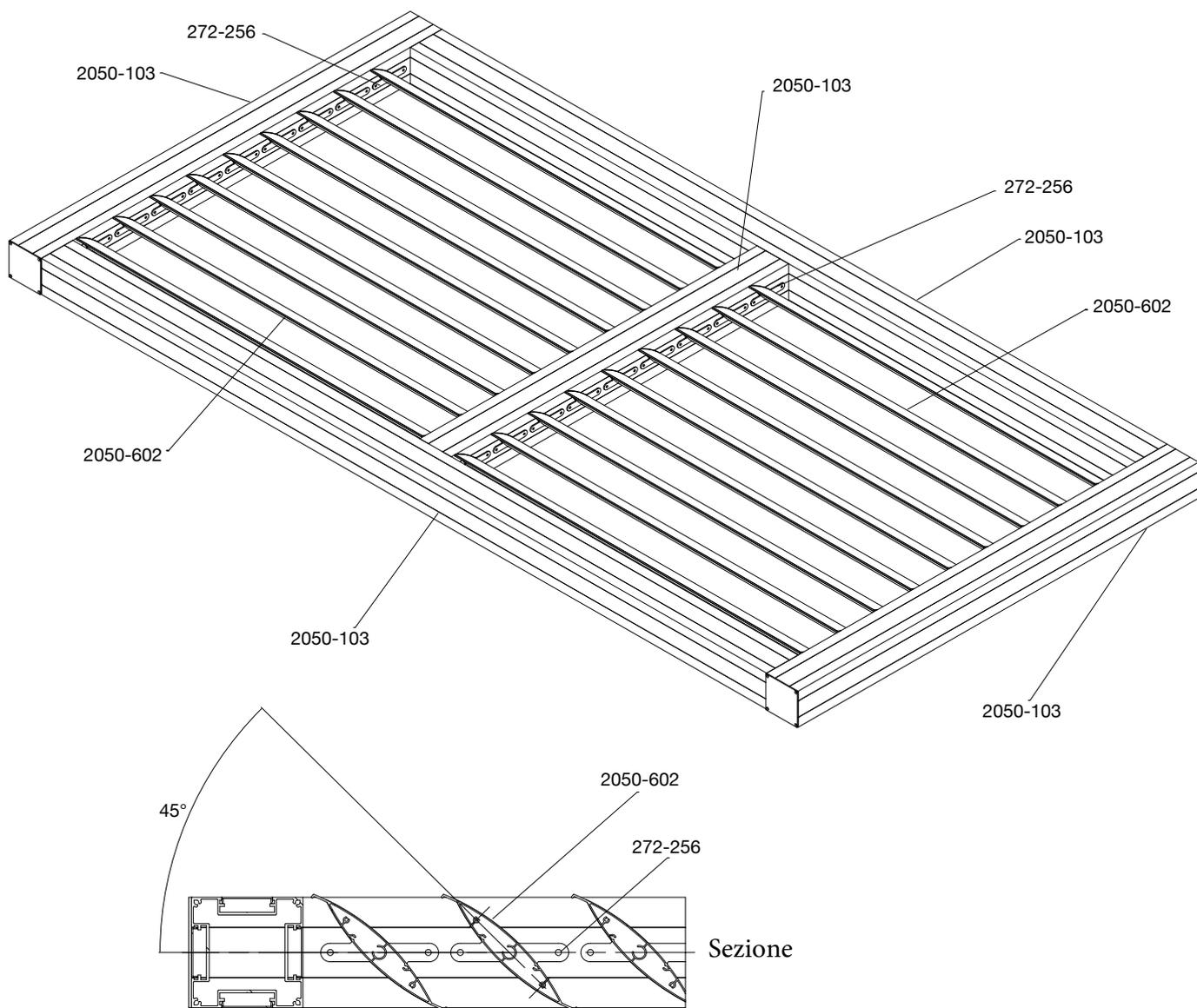
## Montaggio R 2050-102 @ 2050-103



2050-103  
montaggio a muro

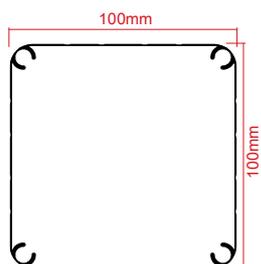


## Montaggio lamelle fisse 2050-602 & 272-256 con 2050-103

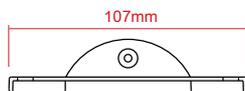


# Profili e Accessori per la Pergola Tradizionale

Cod  
**900** | Colonna di supporto



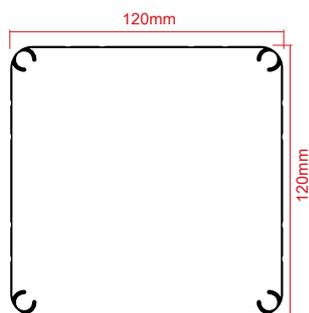
Cod  
**272-231** | Tappo per colonna 900  
(100x100mm)



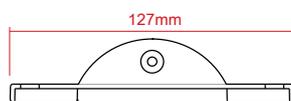
Cod  
**4104** | Base di supporto 900  
(100x100mm)



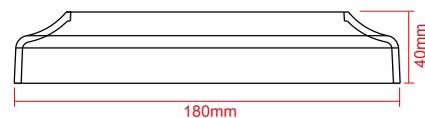
Cod  
**901** | Colonna di supporto



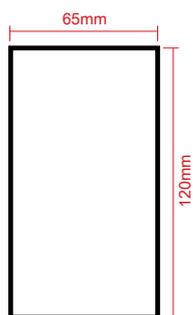
Code  
**272-230** | Tappo per colonna 901  
(120x120mm)



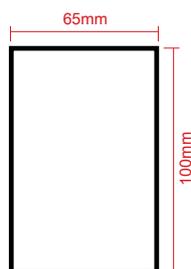
Code  
**4105** | Base di supporto 901  
(120x120mm)



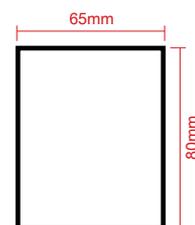
Cod  
**59-026** | Barra orizzontale



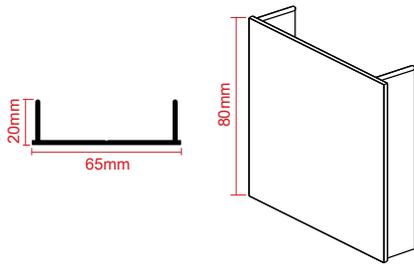
Cod  
**59-027** | Traverse



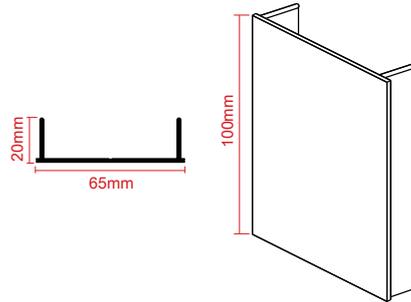
Cod  
**59-028** | Traverse



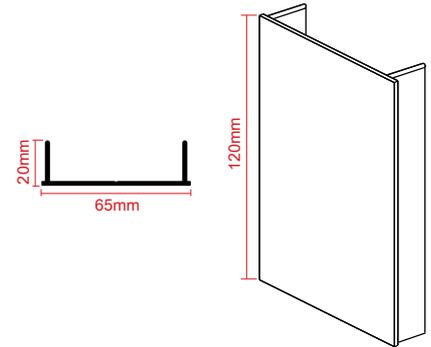
Cod  
**272-213** | Tappo finale 59-028



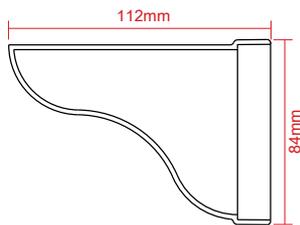
Cod  
**272-214** | Tappo finale 59-027



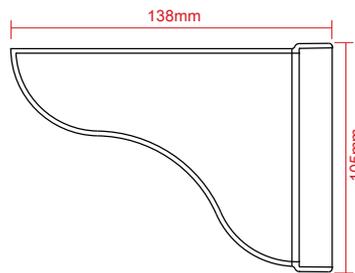
Code  
**272-215** | Tappo finale 59-026



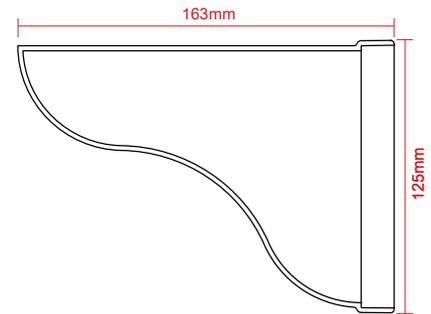
Cod  
**272-210** | Tappo finale decorativo 59-028



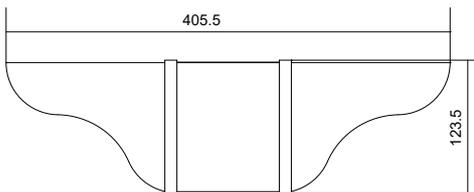
Code  
**272-211** | Tappo finale decorativo 59-027



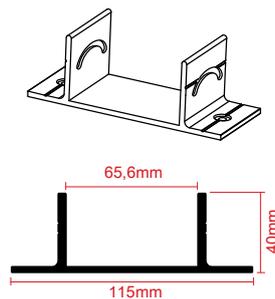
Code  
**272-212** | Tappo finale decorativo 59-026



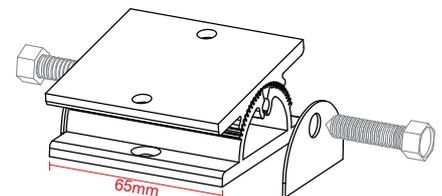
Code  
**272-200** | Supporto decorativo per Colonna 900/901



Code  
**272-240** | Supporto per inclinazione da 0° a 10°

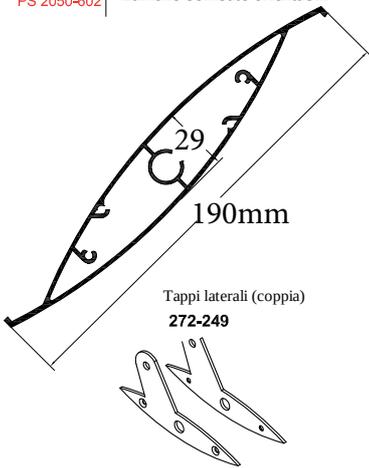


Code  
**272-241** | Supporto regolabile per Inclinazione da 0° a 20°

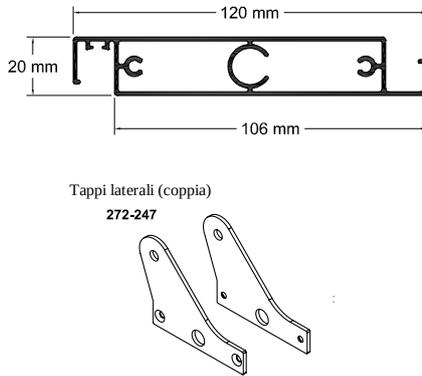


PROFILI E ACCESSORI PER LA PERGOLA MODERNA

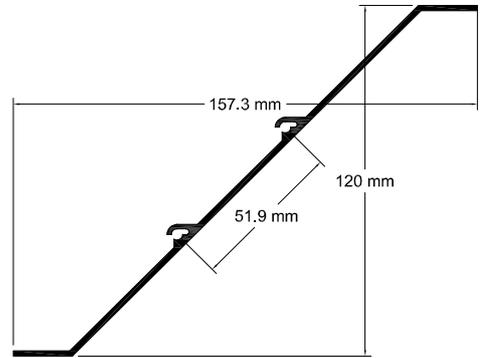
COD PS 2050-602 | Lamelle bombate orientabili



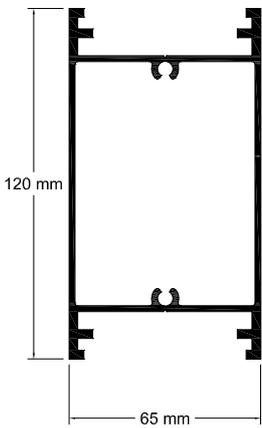
COD PS 2050-607 | Lamelle piatte orientabili



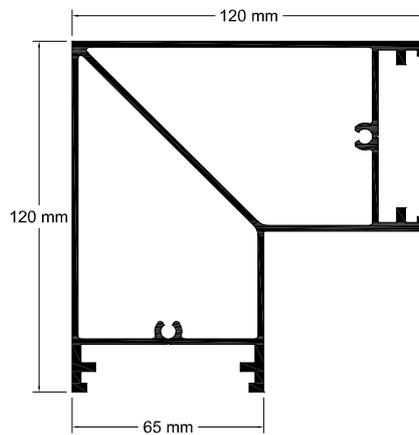
COD PS 2050-610 | Lamelle fisse



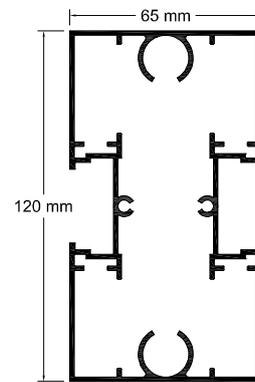
COD PS 2050-105 | Colonna di supporto



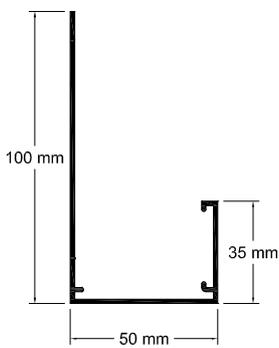
COD PS 2050-108 | Colonna ad angolo



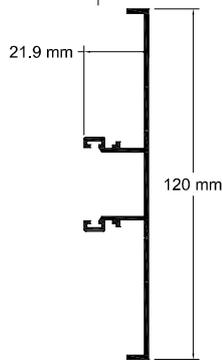
COD PS 970-401 | Trave



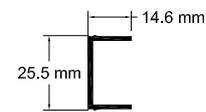
COD PF 970-907 | Gocciolatoio



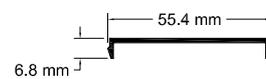
COD PF 970-901 | Base per lamelle fisse



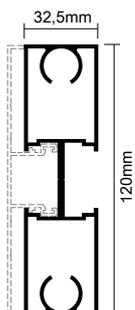
COD PF 970-906 | Cover per trave



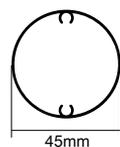
COD PF 2050-1K2 | Cover per colonna 105-108



COD 970-402 | Traversa

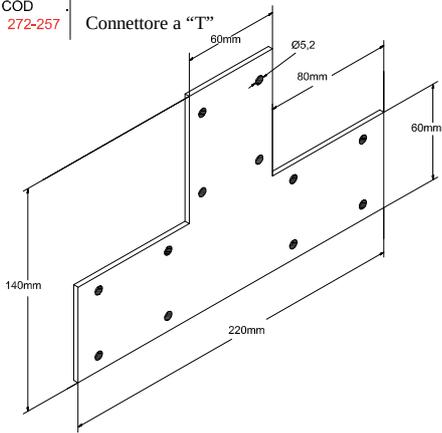


COD 970-905 | Drenaggio



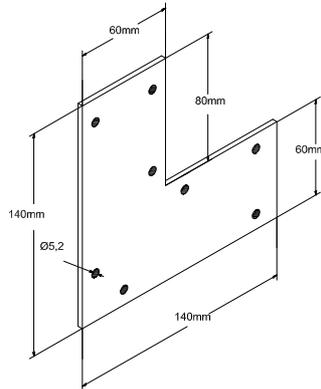
COD  
E272-257

Connettore a "T"



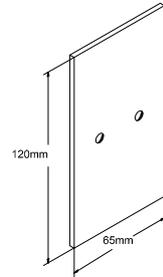
COD  
E272-258

Connettore ad angolo



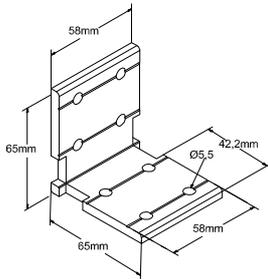
COD  
E272-248

Tappo finale per 970-401



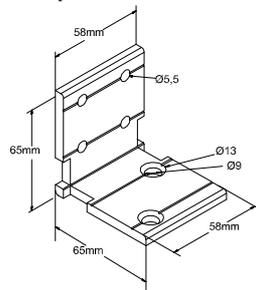
COD  
E2050-022

Connettore colonna-traversa



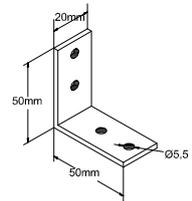
COD  
E2050-012

Connettore per colonna



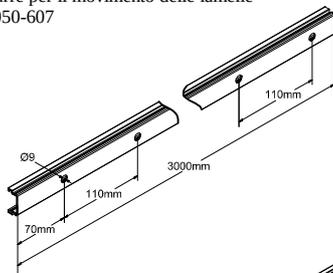
COD  
E272-267

Connettore ad angolo per traversa



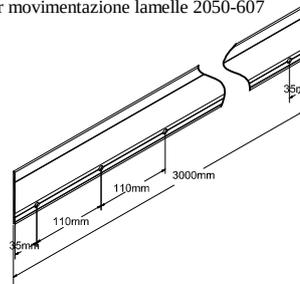
COD  
E272-262

Barre per il movimento delle lamelle 2050-607



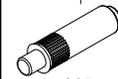
COD  
E272-264

Profilo per movimentazione lamelle 2050-607



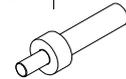
COD  
E272-242

Molla per traversa



COD  
E272-254

Perno per lamella



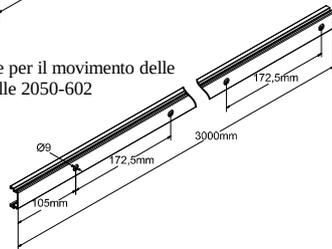
COD  
E272-261

SET: Rondelle CLV



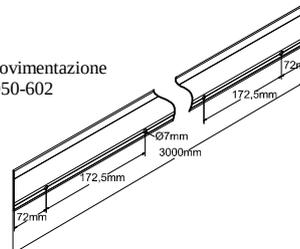
COD  
E272-263

Barre per il movimento delle lamelle 2050-602



COD  
E272-265

Profilo per la movimentazione delle lamelle 2050-602



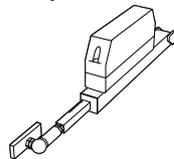
COD  
E272-266

Connettore per gocciolatoio



COD  
E272-310

Motore per il movimento delle lamelle



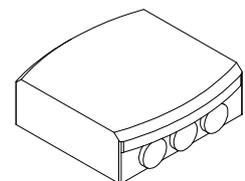
COD  
E272-351

Telecomando



COD  
E272-350

SOMFY ricevitore



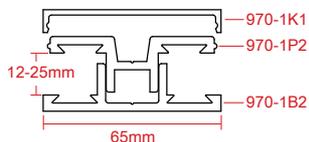
COD  
E410-412

Guarnizione



# Profili di sostegno per policarbonato

## Profili per coperture pesanti



### 970-1K1

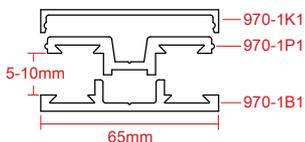
Tappo per copertura (centrale)

### 970-1P2

Piastra di pressione

### 970-1B2

Base per copertura (centrale)



### 970-1K1

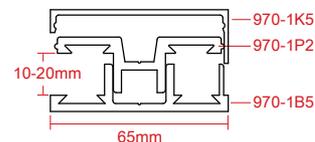
Tappo per copertura (centrale)

### 970-1P1

Piastra di pressione

### 970-1B1

Base per copertura (centrale)



### 970-1K5

Tappo per copertura (laterale)

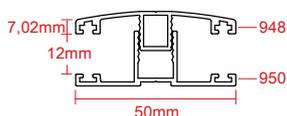
### 970-1P2

Piastra di pressione

### 970-1B5

Base per copertura (laterale)

## Profili per coperture leggere

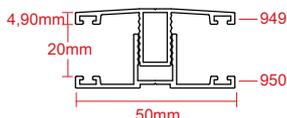


### 948

Tappo per copertura

### 950

Base per copertura



### 949

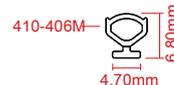
Tappo per copertura

### 950

Base per copertura

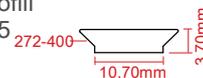
### 410-406M

Guarnizione per profili 948/949/950

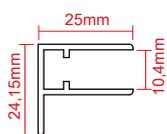


### 272-400

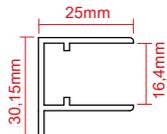
Guarnizione EPDM per profili 970-1P1/1P2/1B1/1B2/1B5



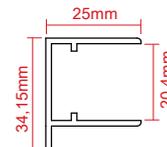
## Profilo a "F" per pannelli in policarbonato



### 970-F10

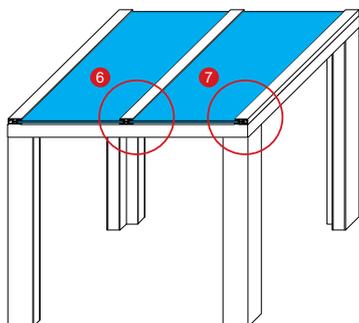


### 970-F16

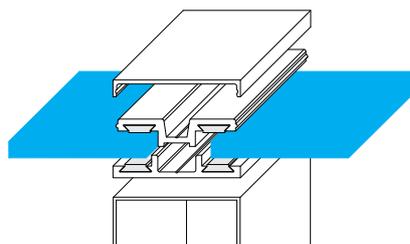


### 970-F20

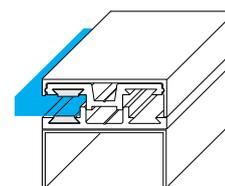
## Profili di supporto per policarbonato



### 1 Traversa centrale



### 2 Traversa laterale



## Forza di inerzia; Coefficiente di resistenza

Le informazioni per le dimensioni massime riportate in questo catalogo sono orientative. Per calcolare il carico che la pergola può sostenere consultare il seguente schema:

CODICE	DESCRIZIONE	INERZIA		RESISTENZA	
		Jxx	Jyy	W <sub>x</sub>	W <sub>y</sub>
900	Colonna di supporto	Jxx=114,70 cm <sup>4</sup>	Jyy=114,70 cm <sup>4</sup>	W <sub>x</sub> =22,94 cm <sup>3</sup>	W <sub>y</sub> =22,94 cm <sup>3</sup>
901	Colonna di supporto	Jxx=244,83 cm <sup>4</sup>	Jyy=244,83 cm <sup>4</sup>	W <sub>x</sub> =40,80 cm <sup>3</sup>	W <sub>y</sub> =40,80 cm <sup>3</sup>
59-026	Trave	Jxx=42,25 cm <sup>4</sup>	Jyy=108,49 cm <sup>4</sup>	W <sub>x</sub> =13,00 cm <sup>3</sup>	W <sub>y</sub> =18,08 cm <sup>3</sup>
59-027	Traversa	Jxx=36,20 cm <sup>4</sup>	Jyy=70,11 cm <sup>4</sup>	W <sub>x</sub> =11,13 cm <sup>3</sup>	W <sub>y</sub> =14,02 cm <sup>3</sup>
59-028	Traversa	Jxx=30,15 cm <sup>4</sup>	Jyy=41,45 cm <sup>4</sup>	W <sub>x</sub> =9,27 cm <sup>3</sup>	W <sub>y</sub> =10,36 cm <sup>3</sup>
2050-601	Lamelle orientabili	Jxx=53,00 cm <sup>4</sup>	Jyy=4,30 cm <sup>4</sup>	W <sub>x</sub> =9,19 cm <sup>3</sup>	W <sub>y</sub> =1,79 cm <sup>3</sup>
2050-602	Lamelle fisse	Jxx=171,45 cm <sup>4</sup>	Jyy=5,26 cm <sup>4</sup>	W <sub>x</sub> =18,09 cm <sup>3</sup>	W <sub>y</sub> =3,60 cm <sup>3</sup>
2050-610	Lamelle fisse	Jxx=62,92 cm <sup>4</sup>	Jyy=72,00 cm <sup>4</sup>	W <sub>x</sub> =10,50 cm <sup>3</sup>	W <sub>y</sub> =9,10 cm <sup>3</sup>
970-401	Trave 120x65	Jxx=153,24 cm <sup>4</sup>	Jyy=48,04 cm <sup>4</sup>	W <sub>x</sub> =25,54 cm <sup>3</sup>	W <sub>y</sub> =14,78 cm <sup>3</sup>
970-402	Trave 120x32,5	Jxx=109,23 cm <sup>4</sup>	Jyy=8,86 cm <sup>4</sup>	W <sub>x</sub> =18,20 cm <sup>3</sup>	W <sub>y</sub> =5,45 cm <sup>3</sup>
970-901	Base per le lamelle	Jxx=29,01 cm <sup>4</sup>	Jyy=1,06 cm <sup>4</sup>	W <sub>x</sub> =4,83 cm <sup>3</sup>	W <sub>y</sub> =2,37 cm <sup>3</sup>
970-902	Gocciolatoio	Jxx=14,46 cm <sup>4</sup>	Jyy=15,76 cm <sup>4</sup>	W <sub>x</sub> =2,71 cm <sup>3</sup>	W <sub>y</sub> =4,92 cm <sup>3</sup>
2050-108	Colonna ad angolo	Jxx=208,82 cm <sup>4</sup>	Jyy=208,80 cm <sup>4</sup>	W <sub>x</sub> =40,10 cm <sup>3</sup>	W <sub>y</sub> =30,73 cm <sup>3</sup>
2050-105	Colonna	Jxx=152,23 cm <sup>4</sup>	Jyy=67,62 cm <sup>4</sup>	W <sub>x</sub> =25,37 cm <sup>3</sup>	W <sub>y</sub> =20,80 cm <sup>3</sup>
970-903	Supporto trave regolabile	Jxx=13,51 cm <sup>4</sup>	Jyy=0,55 cm <sup>4</sup>	W <sub>x</sub> =2,76 cm <sup>3</sup>	W <sub>y</sub> =0,52 cm <sup>3</sup>
970-904	Supporto a muro per trave	Jxx=175,79 cm <sup>4</sup>	Jyy=39,10 cm <sup>4</sup>	W <sub>x</sub> =28,30 cm <sup>3</sup>	W <sub>y</sub> =23,50 cm <sup>3</sup>
970-1B1	Base per copertura	Jxx=0,19 cm <sup>4</sup>	Jyy=10,12 cm <sup>4</sup>	W <sub>x</sub> =0,21 cm <sup>3</sup>	W <sub>y</sub> =3,11 cm <sup>3</sup>
970-1B2	Base per copertura	Jxx=0,62 cm <sup>4</sup>	Jyy=10,57 cm <sup>4</sup>	W <sub>x</sub> =0,46 cm <sup>3</sup>	W <sub>y</sub> =3,25 cm <sup>3</sup>
970-1B5	Base per copertura	Jxx=0,73 cm <sup>4</sup>	Jyy=12,03 cm <sup>4</sup>	W <sub>x</sub> =0,56 cm <sup>3</sup>	W <sub>y</sub> =3,88 cm <sup>3</sup>
970-1K1	Tappo per copertura	Jxx=0,04 cm <sup>4</sup>	Jyy=0,69 cm <sup>4</sup>	W <sub>x</sub> =0,24 cm <sup>3</sup>	W <sub>y</sub> =0,21 cm <sup>3</sup>
970-1K5	Tappo per copertura	Jxx=0,30 cm <sup>4</sup>	Jyy=8,46 cm <sup>4</sup>	W <sub>x</sub> =1,04 cm <sup>3</sup>	W <sub>y</sub> =2,88 cm <sup>3</sup>
970-1P1	Piastra di pressione	Jxx=0,46 cm <sup>4</sup>	Jyy=8,16 cm <sup>4</sup>	W <sub>x</sub> =0,94 cm <sup>3</sup>	W <sub>y</sub> =2,63 cm <sup>3</sup>
970-1P2	Piastra di pressione	Jxx=0,99 cm <sup>4</sup>	Jyy=8,41 cm <sup>4</sup>	W <sub>x</sub> =1,57 cm <sup>3</sup>	W <sub>y</sub> =2,71 cm <sup>3</sup>



---

Sistemi d'ombra



01/2021

EMMAUS di Schembri R. & C. snc – S.P. Pachino-Noto km 0,500  
Telefax +39 0931 801647 - [info@emmaus-snc.com](mailto:info@emmaus-snc.com), [emmaus.snc@gmail.com](mailto:emmaus.snc@gmail.com)