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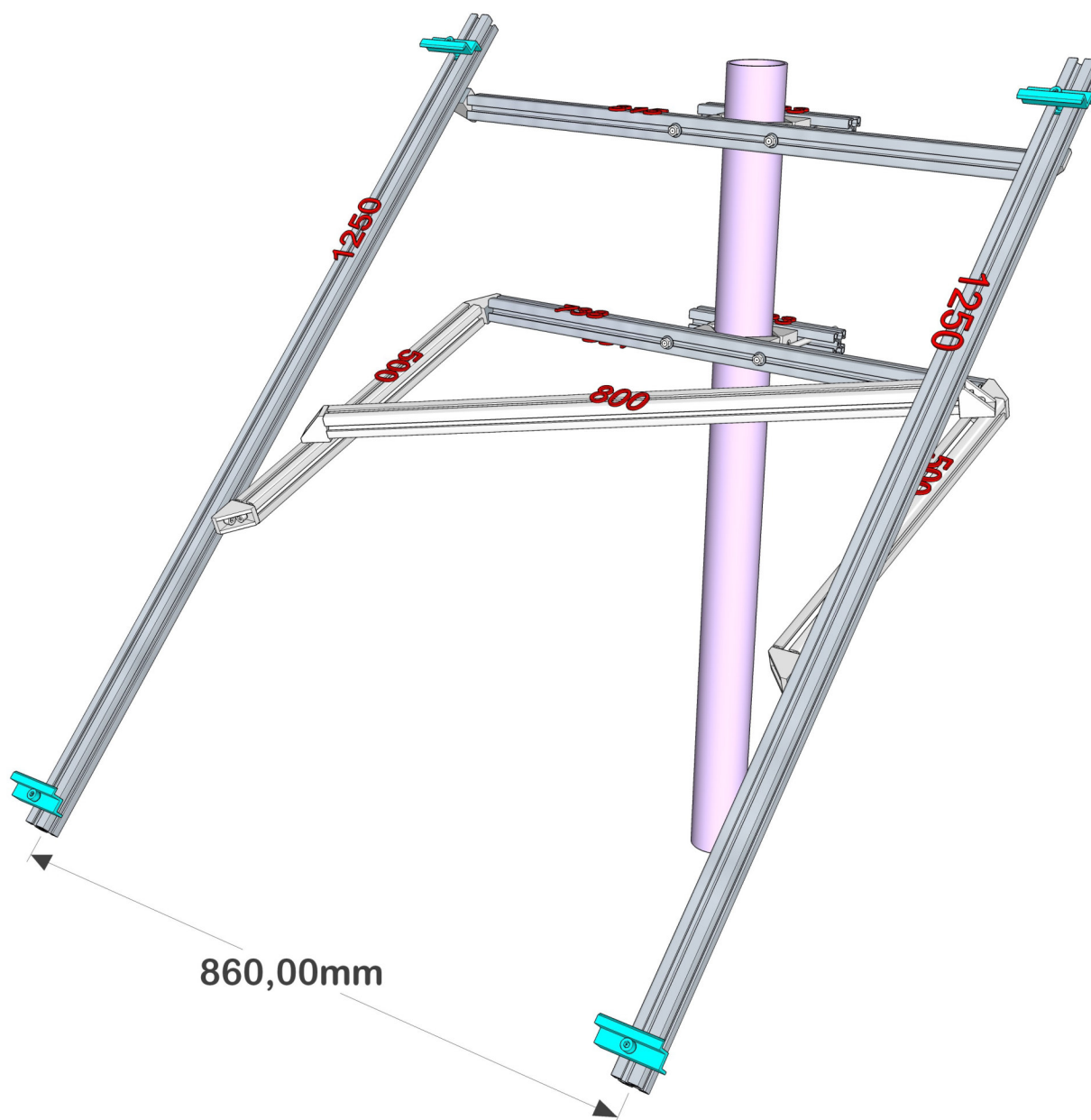
sede sociale
c.so Tassoni 12 - 10143 Torino

- capitale sociale 20.000 euro i.v.
- CF e iscrizione registro imprese di Torino 06865110016
- partita iva 06865110016
- REA CCIAA di TORINO 818361
- REG RAEE T08020000002723
- REG PILE T09060P00000344

1004728

Fissaggio a palo in alluminio naturale per moduli fotovoltaici di potenza massima circa 450W

Pole fixing in natural aluminum for photovoltaic modules with a maximum power of approximately 450W





Caratteristiche principali

codice item	montaggio position mounting	max modulo FV solar panel maximum size
1004728	in mezzo al palo middle pole	Circa 450W lato lungo orizzontale about 450W horizontal long side

Diametro palo

codice item	diametro palo pole diameter
1004728	50 ÷ 115 mm con barre filettate standard L=210 mm
1004728+1004746	fino a 129 mm con opzione barre filettate L=230 mm
1004728	50 ÷ 115 mm with threaded rods standard length 210 mm
1004728+1004746	up to 129 mm with option threaded rods L=230 mm

Inclinazione

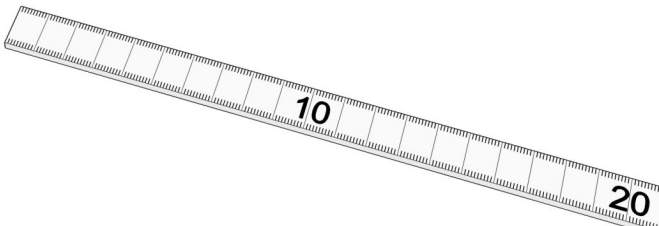
Inclinazione regolabile da 30° a 75°
Adjustable tilt from 30° to 75°

Note

I morsetti fissamoduli non sono inclusi nel codice 1004728, devono essere ordinati separatamente separatamente.

The clamps for the solar panels are not included in the 1004728 item, order it separately.

Utensili necessari Required tools

	Chiave esagonale da 6 mm 6 mm Allen Key
	Chiave fissa da 13 mm 13 mm fork key
	Metro Meter

Indicazione forza di serraggio delle viti sui disegni How much to tighten the screws

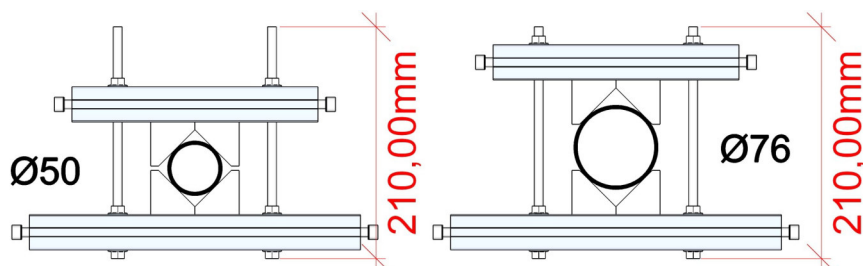
R	Rimuovere To remove
L	Lasciare lasco, il pezzo deve poter ruotare Tighten the screws just a little, the pieces must rotate
T	Fissaggio non definitivo, serrare per bloccare il pezzo ma considerare che la vite verrà riaperta Not definitive fixing, tighten to block the piece but take into account that the screw will be unscrewed again
A	Allentare la vite in modo che il pezzo possa ruotare o il dado scorrere nella cava Loosen the screw so that the piece can rotate or the nut slides into the slot
D	Fissaggio definitivo, serrare con forza Definitive fixing, tighten firmly the screw

Serrapalo Pole clamp

Se non avete concordato in fase d'ordine una posizione degli angolari, impostatela adesso rispetto al diametro del vostro palo
If you did not agree on a position of the corners when ordering, set it now in relation to the diameter of your pole

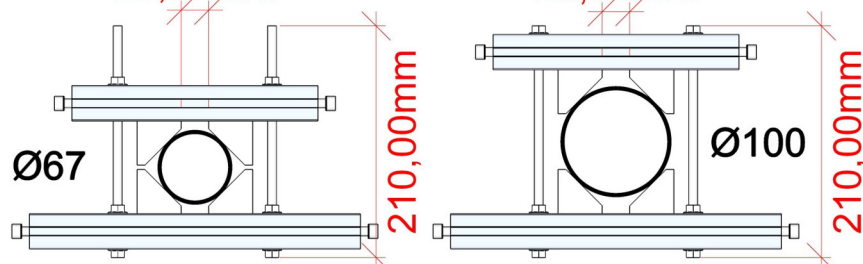
1) Posizione angolari per serrapalo da Ø50 a Ø76 mm

Clamp angle position from Ø50 to Ø76 mm



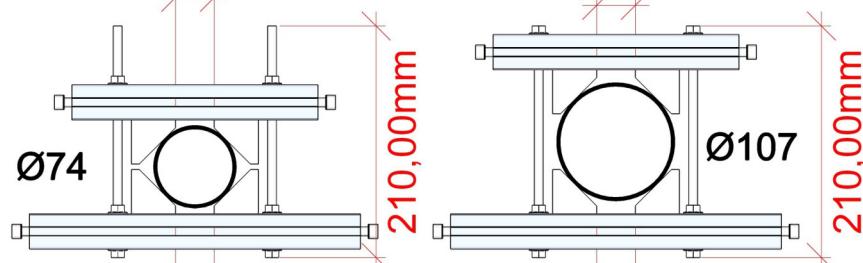
2) Posizione angolari per serrapalo da Ø67 a Ø100 mm

Clamp angle position from Ø67 to Ø100 mm



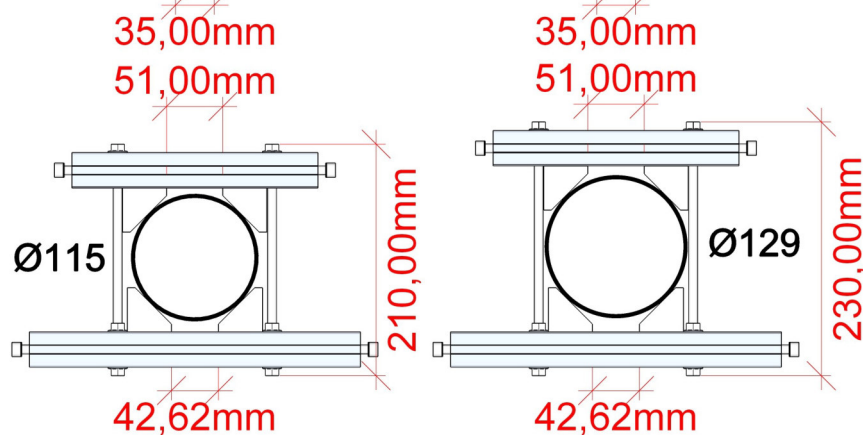
3) Posizione angolari per serrapalo da Ø74 a Ø107 mm

Clamp angle position from Ø74 to Ø107 mm

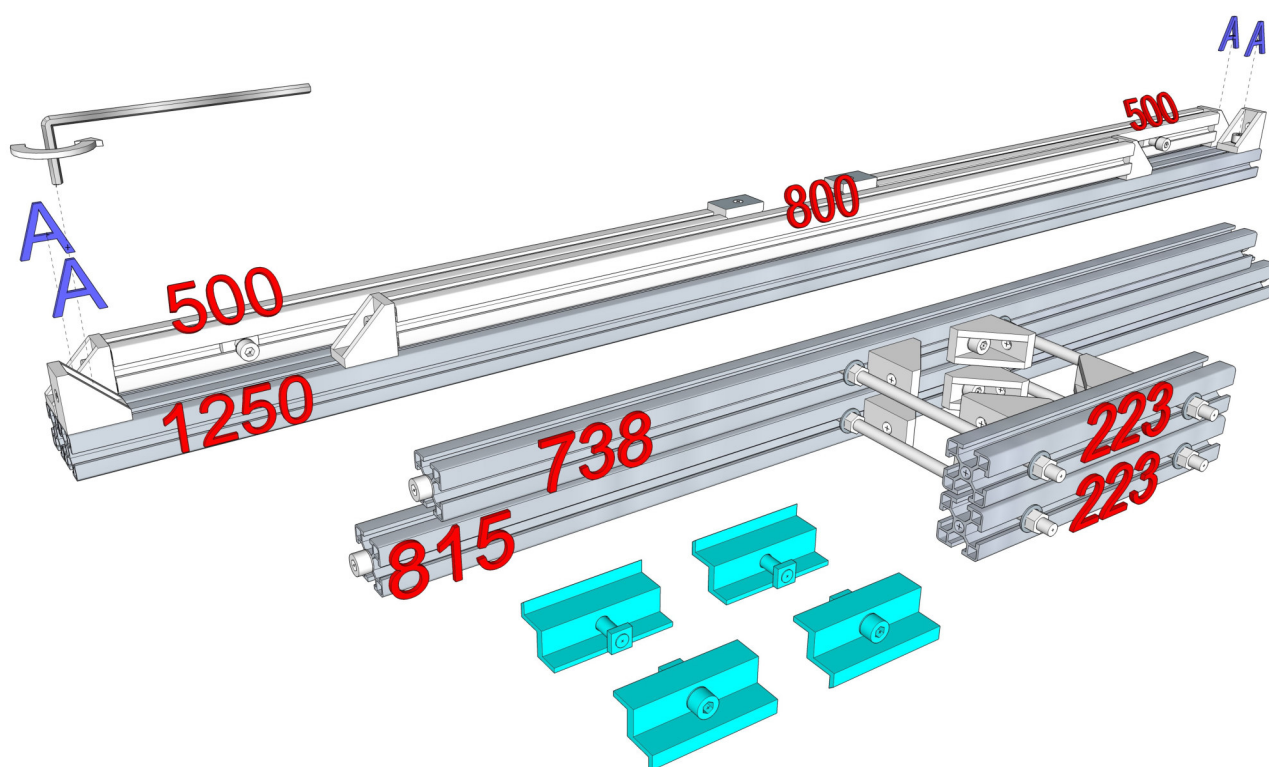


4) Posizione angolari per serrapalo fino a Ø115 mm e fino Ø129 mm con barre filettate opzione 230 mm codice 1004162

Clamp angle position up to Ø115 mm and up to Ø129 mm with threaded rods option 230 mm code 1004726

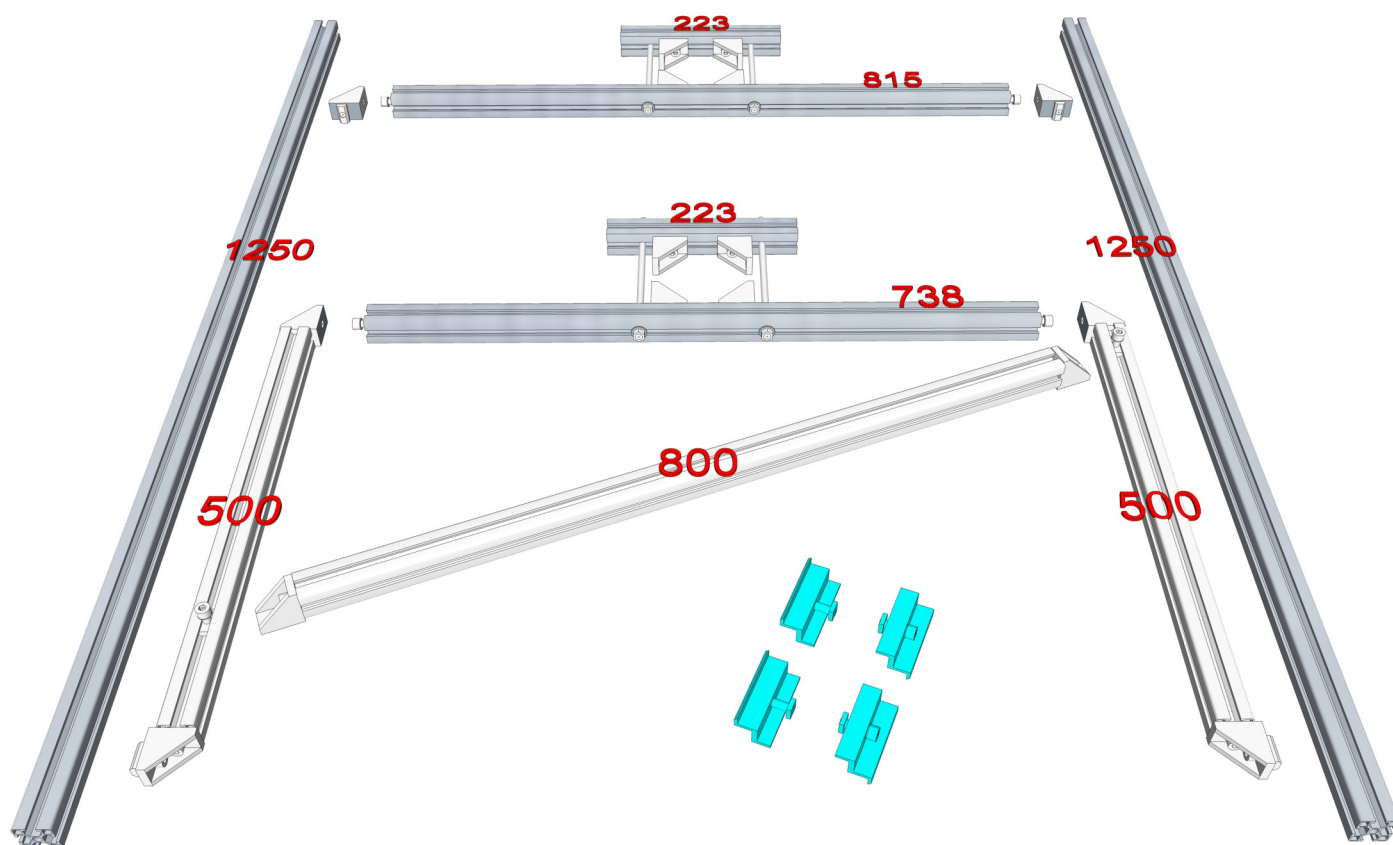


Contenuto confezione Contents of the package

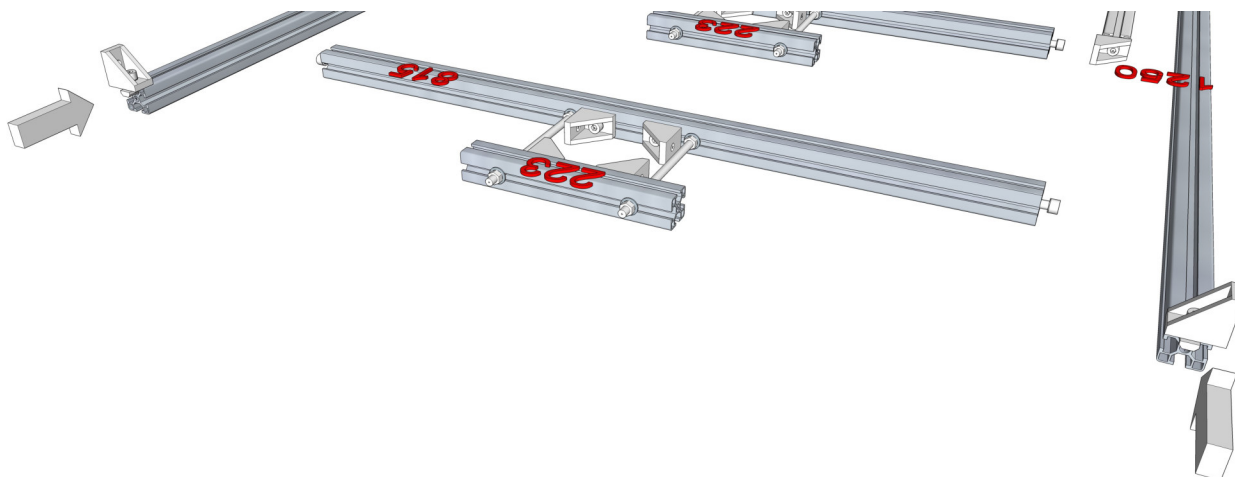


Allentare le 4 viti e liberare i pezzi
Loosen the 4 screws and free the pieces

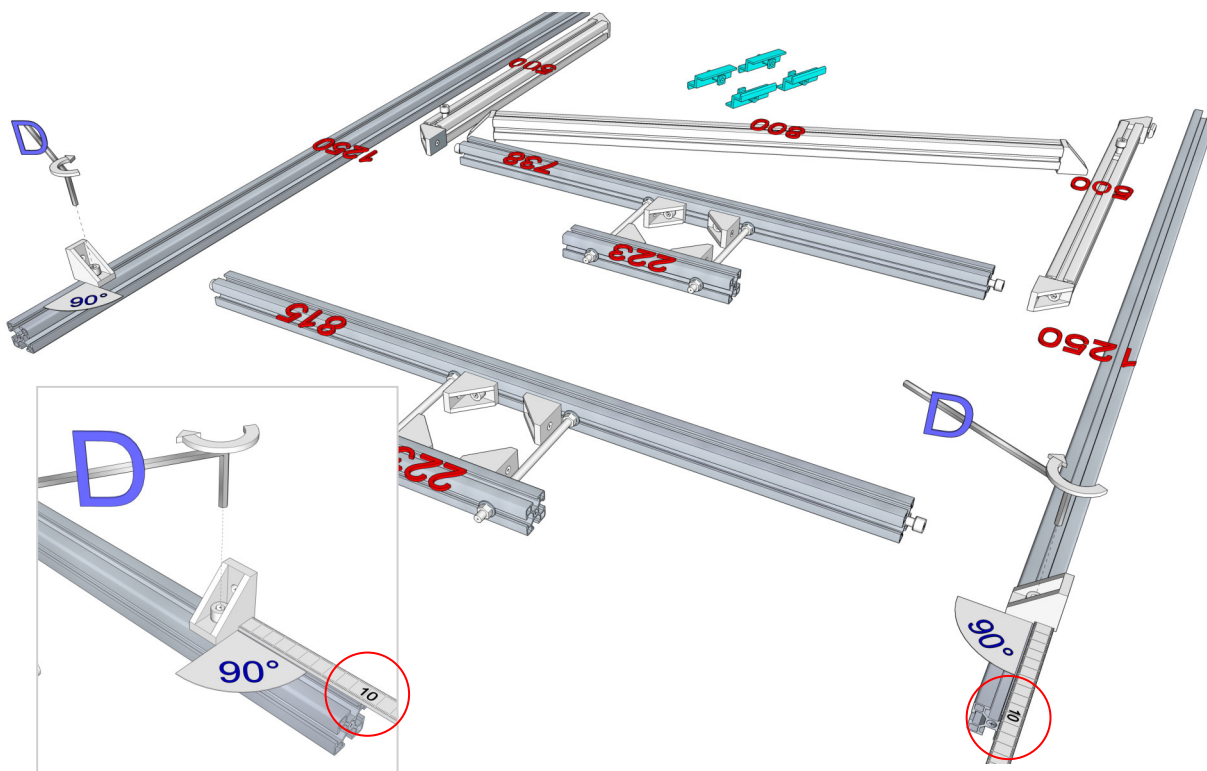
Disporre i pezzi a terra per il montaggio
Arrange the pieces on the floor for assembly



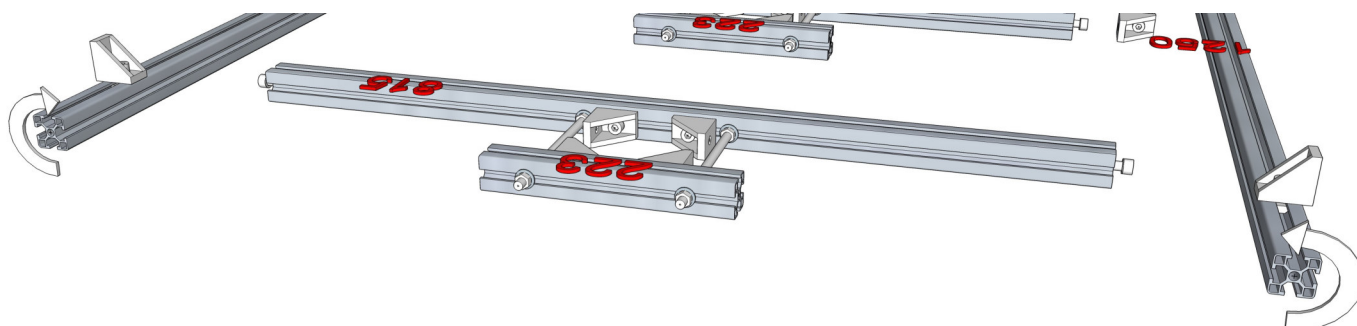
Inserire i dadi rettangolari nelle cave dei pezzi da 1250 mm
 Insert the rectangular nuts into the slots of the 1250 mm pieces



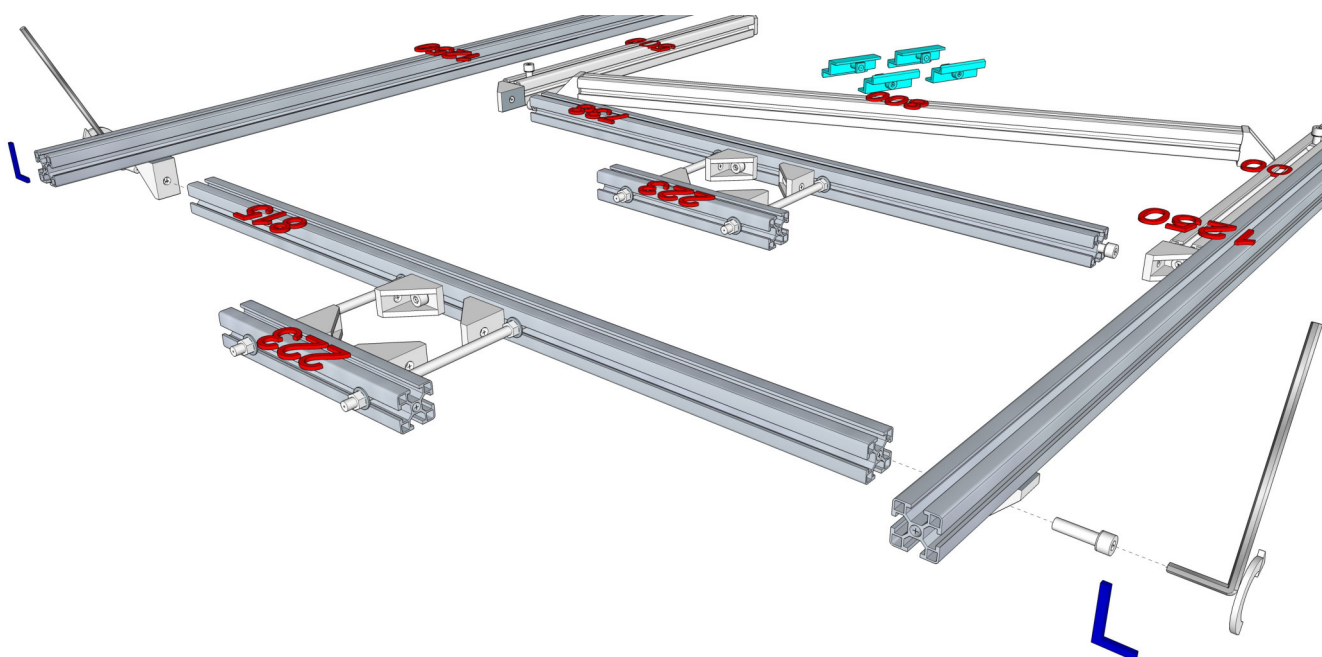
e fissare gli angolari a 10 cm di distanza dal bordo curando la perpendicolarità
 tra profilo e angolare
 and fix the corners 10 cm away from the edge, taking care of the
 perpendicularity between the profile and the corner



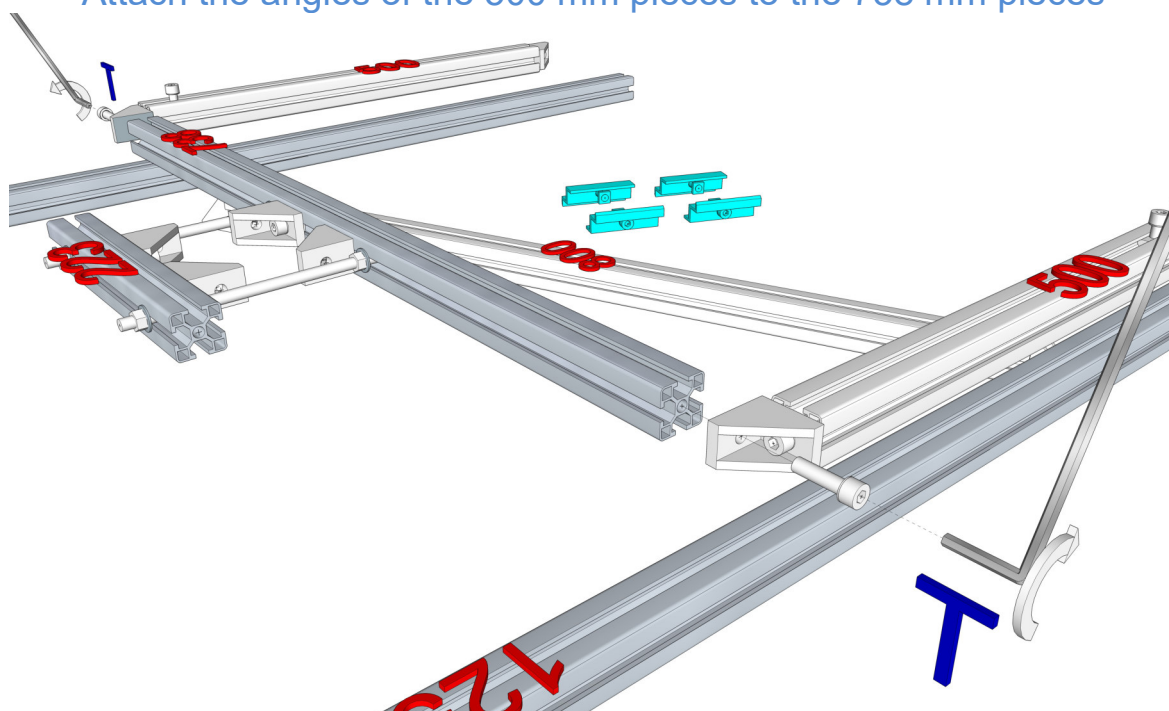
Ruotare i pezzi da 1250 mm di 180°
Rotate the 1250 mm length pieces 180°



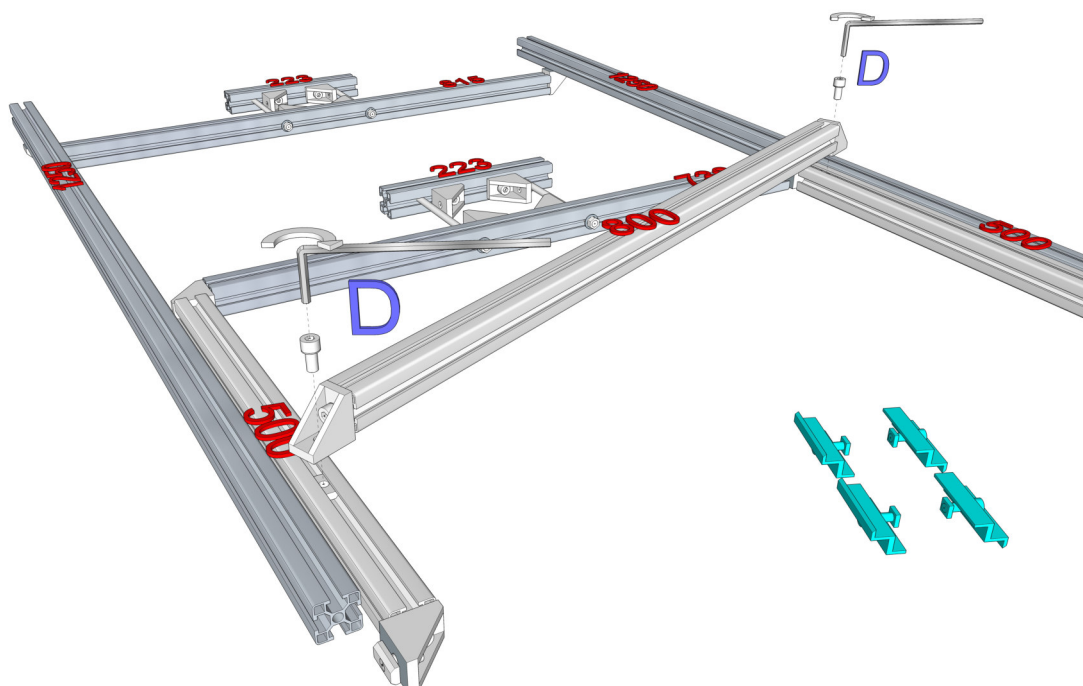
Fissare gli angolari dei pezzi da 1250 mm ai pezzi da 815 mm
Attach the angles of the 1250 mm pieces to the 815 mm pieces



Fissare gli angolari dei pezzi da 500 mm ai pezzi da 738 mm
 Attach the angles of the 500 mm pieces to the 738 mm pieces

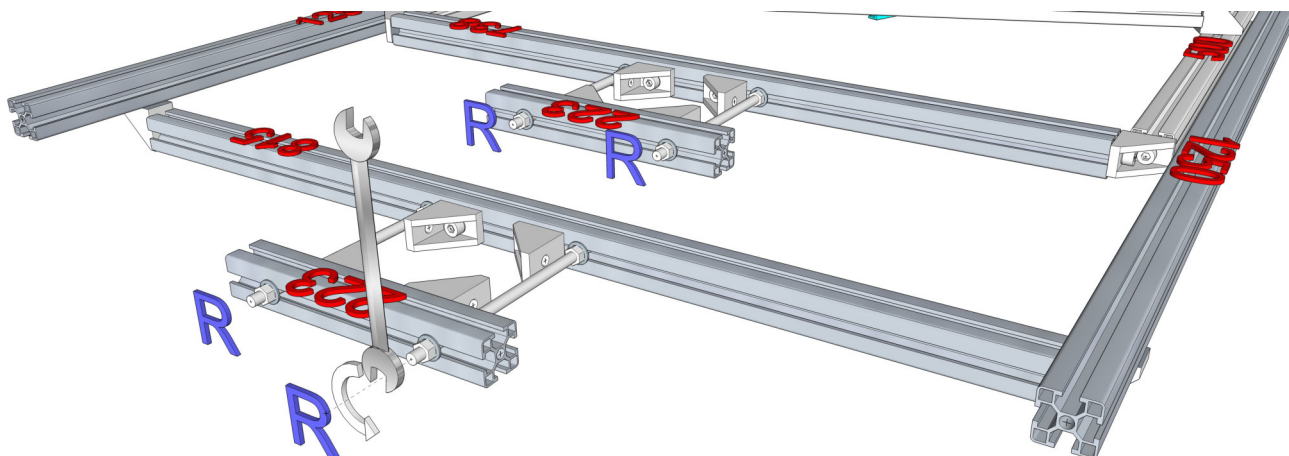


Montare la barra controvento da 800 mm
 Fit the 800mm brace bar



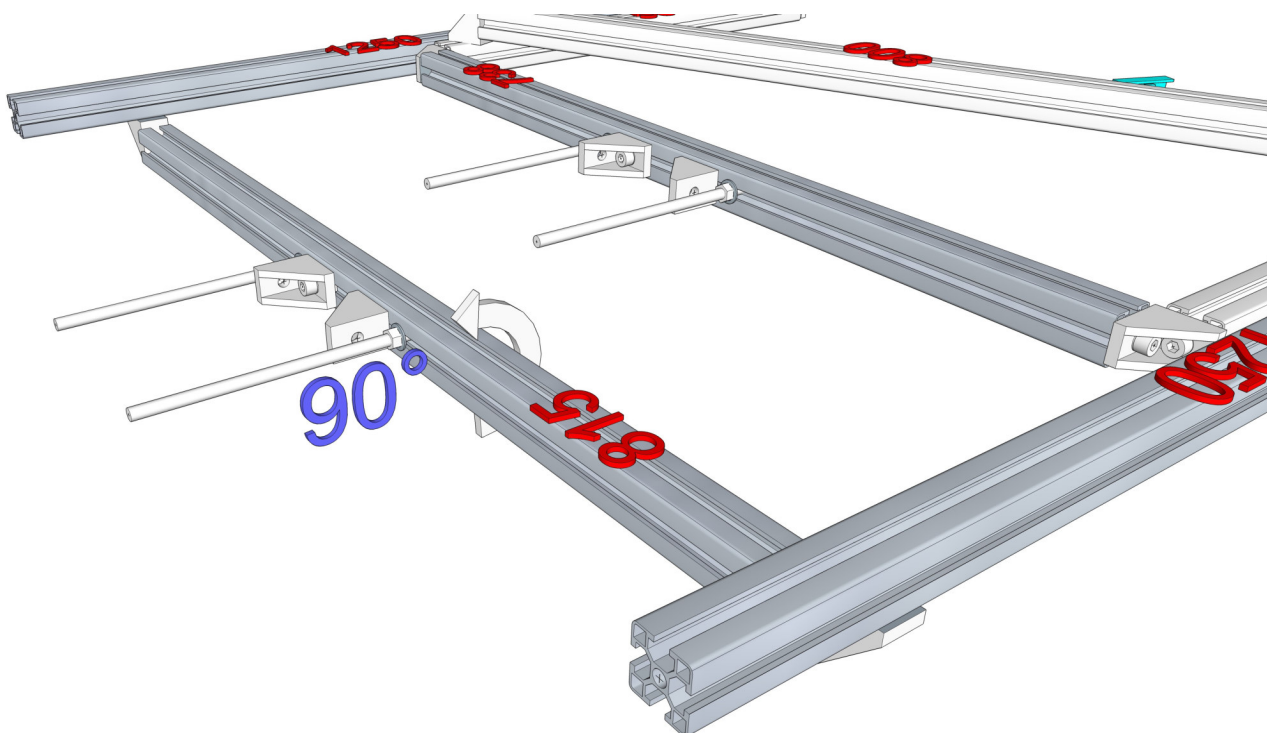
Rimuovere i dadi M8 con flangia e separare i pezzi da 223 mm dai rispettivi pezzi da 815 mm e 738 mm

Remove the M8 nuts with flange and separate the 223mm pieces from the respective 815mm and 738mm pieces



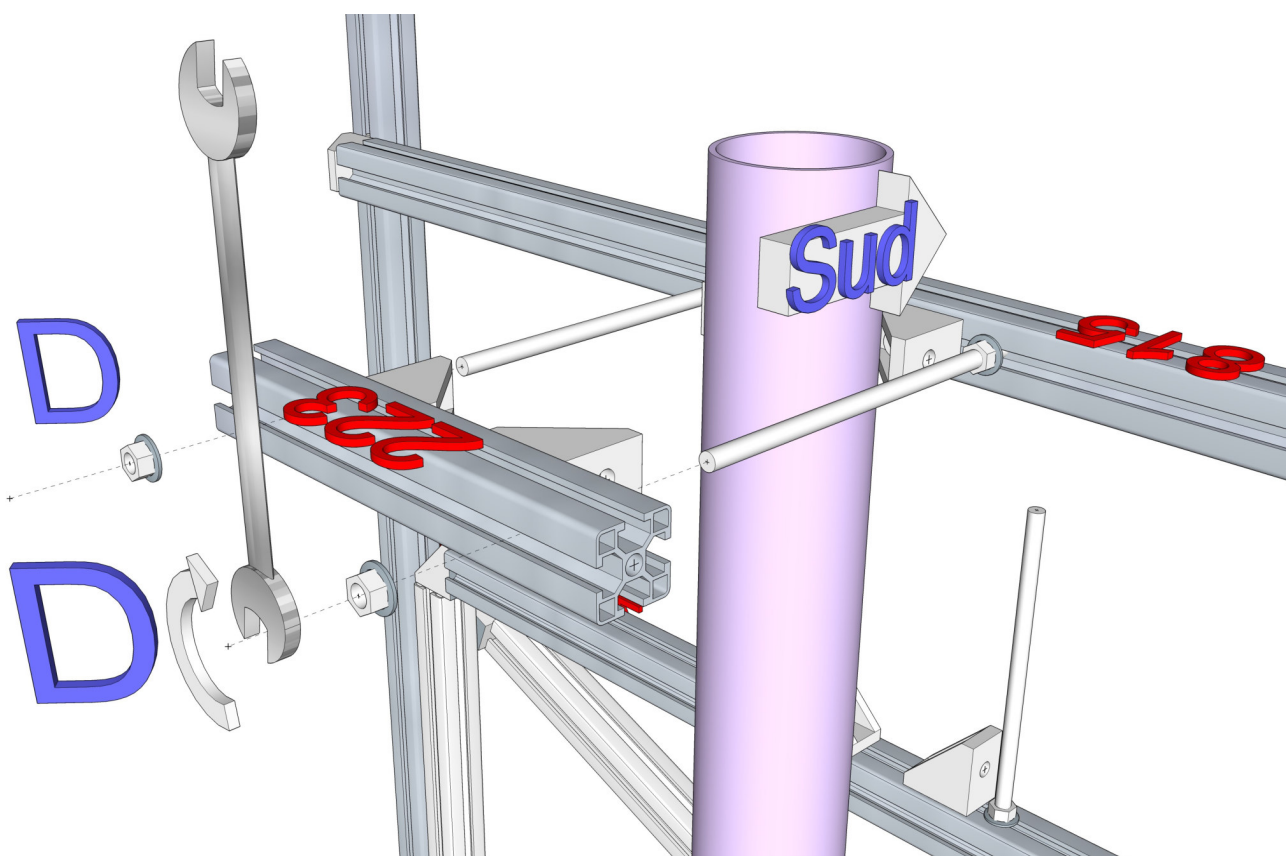
Ruotare il pezzo da 815 mm di 90 gradi, tirare su la struttura prendendola dal pezzo da 815 mm per andare a montarla sul palo

Rotate the 815 mm piece by 90 degrees, pull up the structure taking it from the 815 mm piece to mount it on the pole

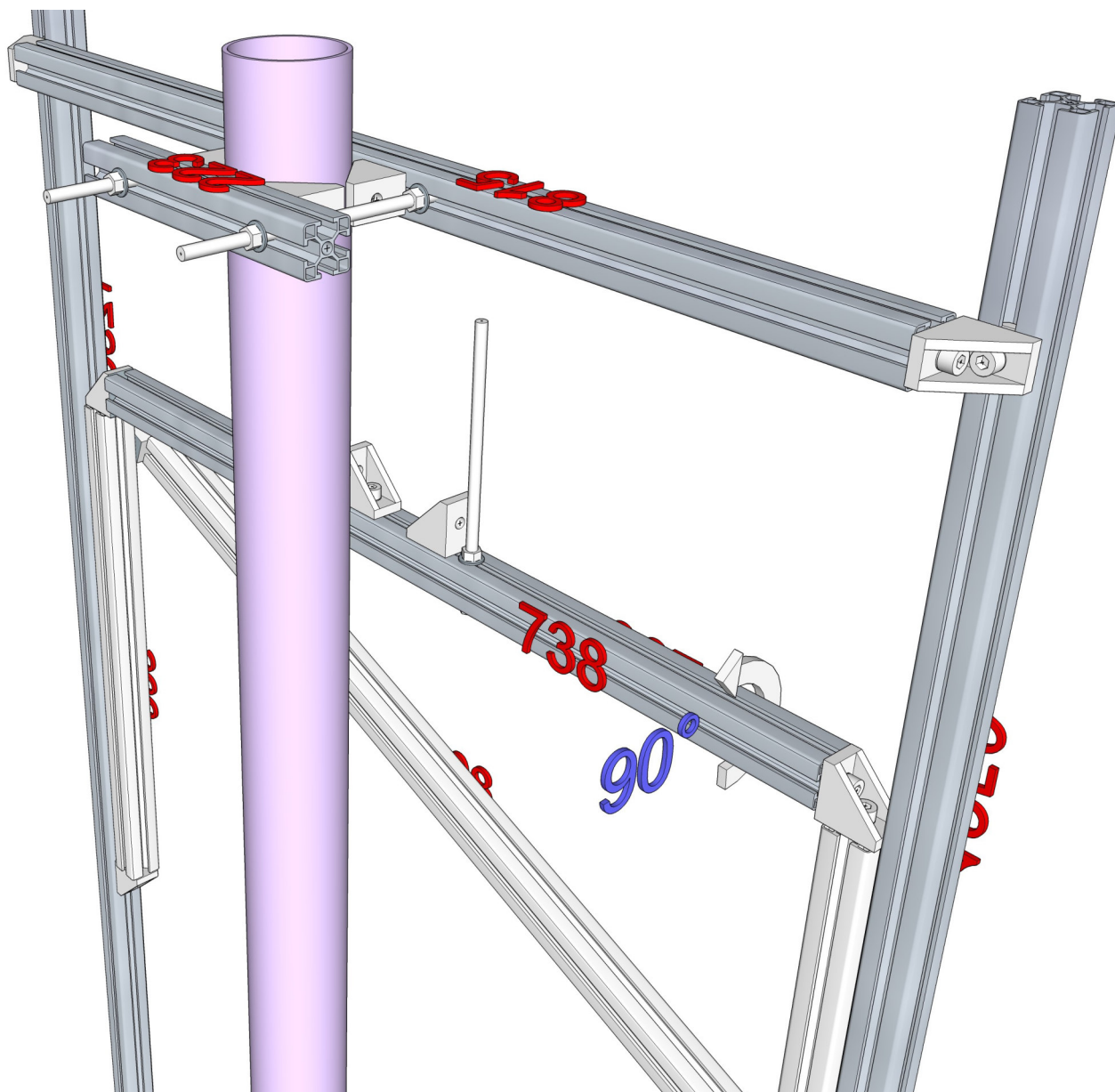


Appoggiare il pezzo da 815 mm al palo in modo che guardi verso sud e rimontare il pezzo da 223 mm avendo cura di stringere i dadi M8 con flangia in modo alternato così da non far ruotare il pezzo da 815 mm rispetto alla posizione voluta

Place the 815 mm piece on the pole so that it faces south and reassemble the 223 mm piece, taking care to tighten the M8 nuts with flange alternately so as not to rotate the 815 mm piece with respect to the desired position

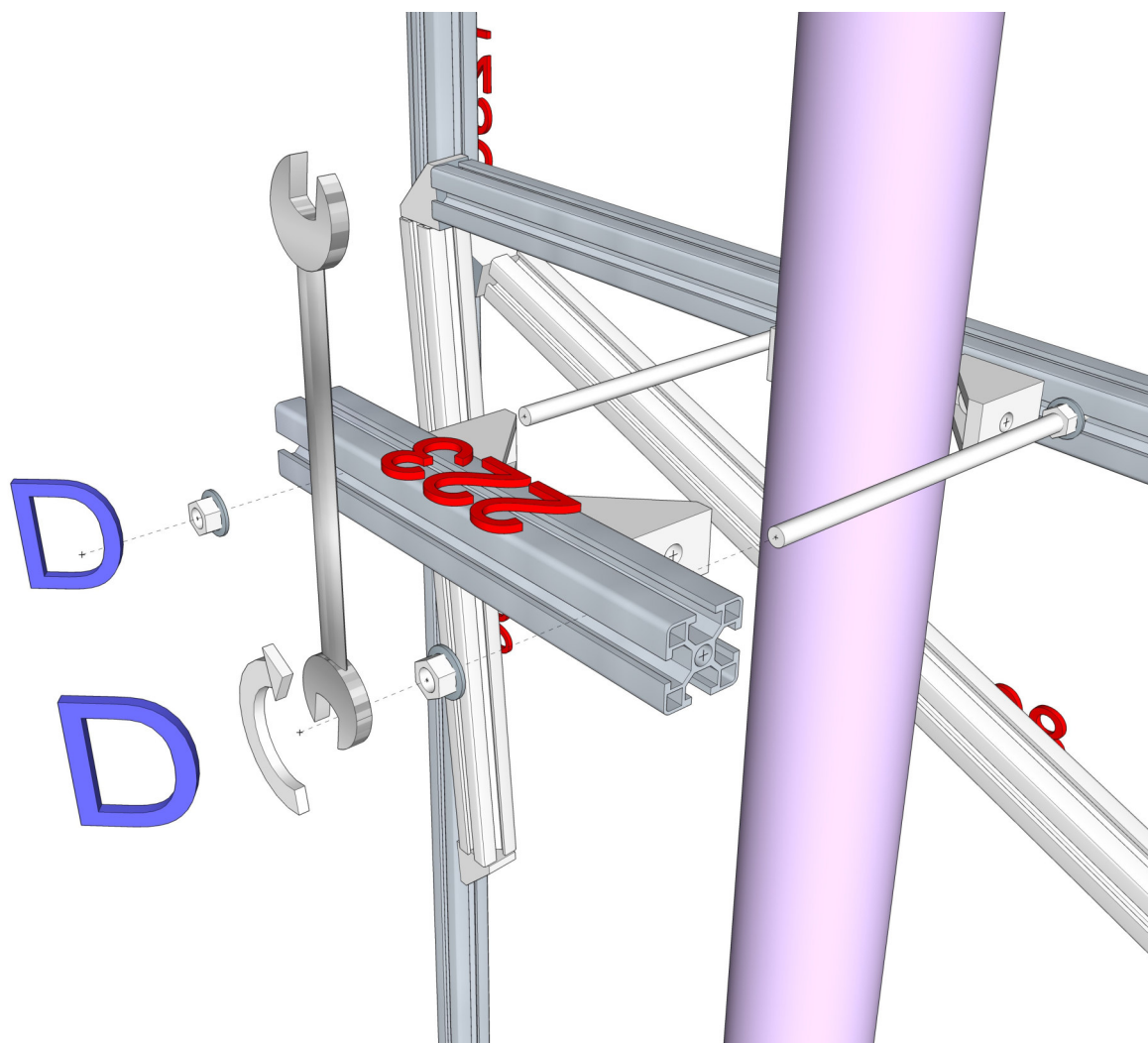


Ruotare di 90° il pezzo da 738 mm
Rotate the 738 mm piece by 90°

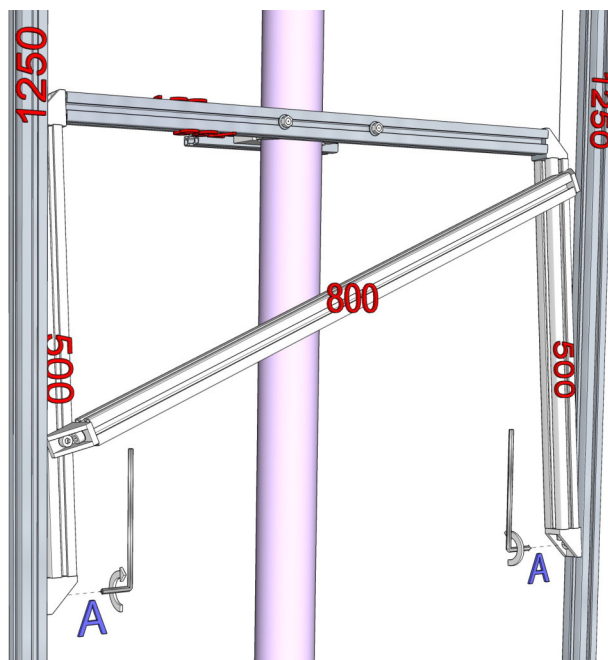


Appoggiarlo al palo e rimontare il pezzo da 223 mm avendo cura di stringere i dadi M8 con flangia in modo alternato così da non far ruotare il pezzo da 815 mm rispetto alla posizione iniziale

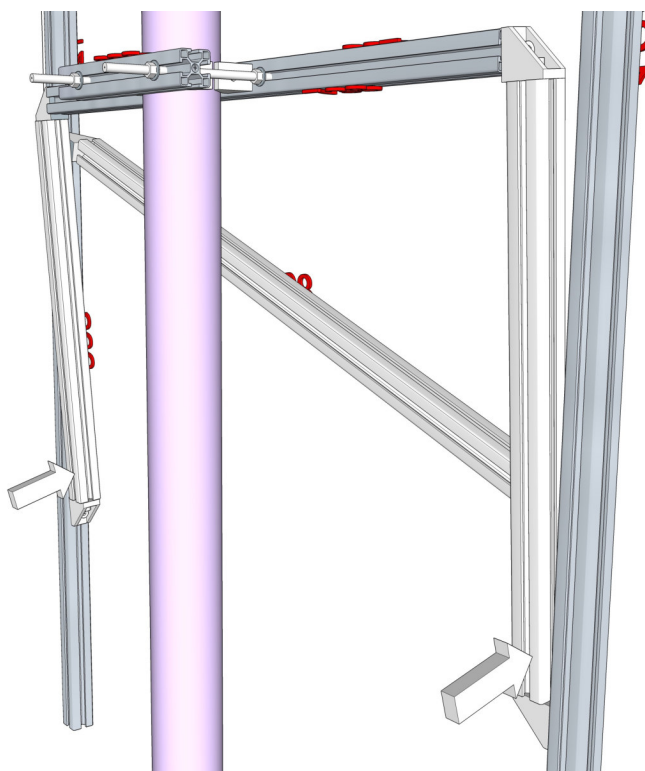
Place it on the pole and reassemble the 223 mm piece, taking care to tighten the M8 nuts with flange alternately so as not to rotate the 815 mm piece compared to the initial position



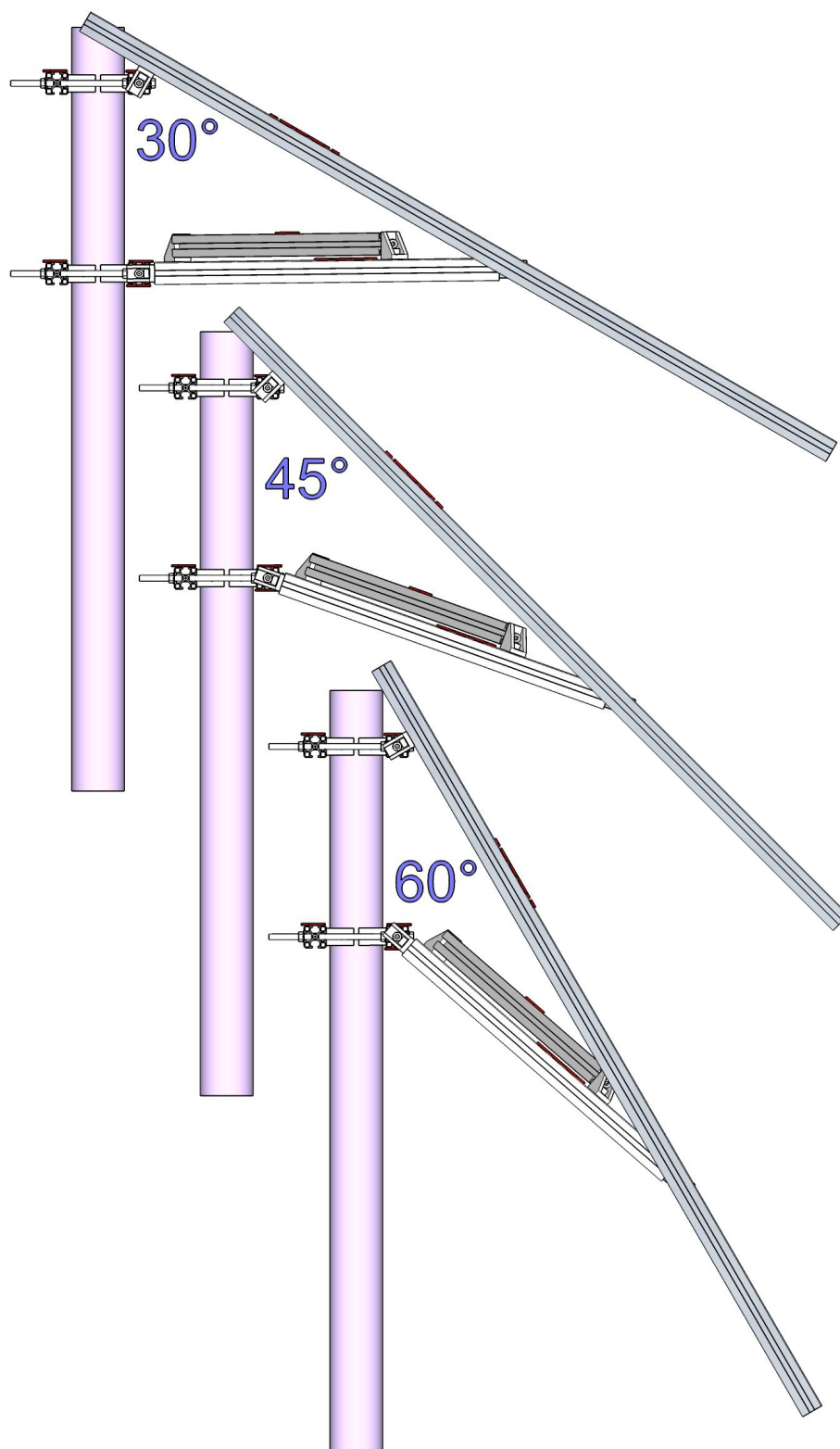
Allentare le viti indicate nel disegno
Loosen the screws indicated in the drawing



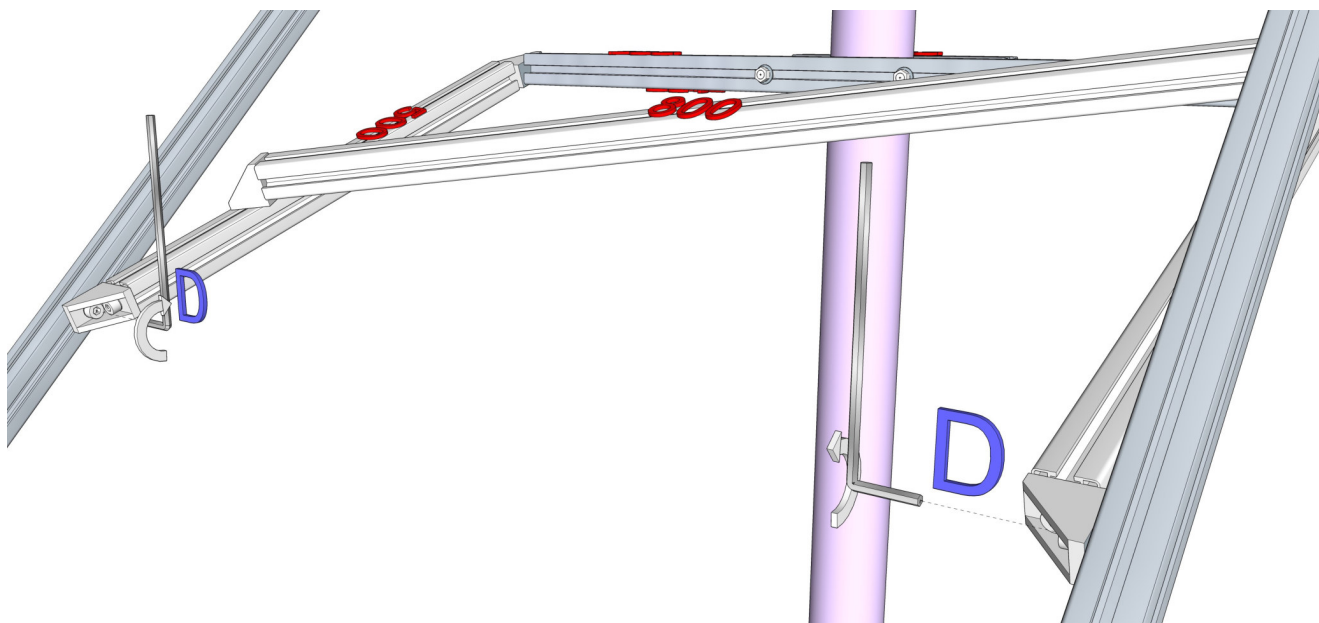
Spingere i braccetti da 500 mm sui punti indicati dalle frecce per regolare
l'inclinazione desiderata per la propria applicazione
Push the 500 mm arms on the points indicated by the arrows to adjust the
desired inclination for your application



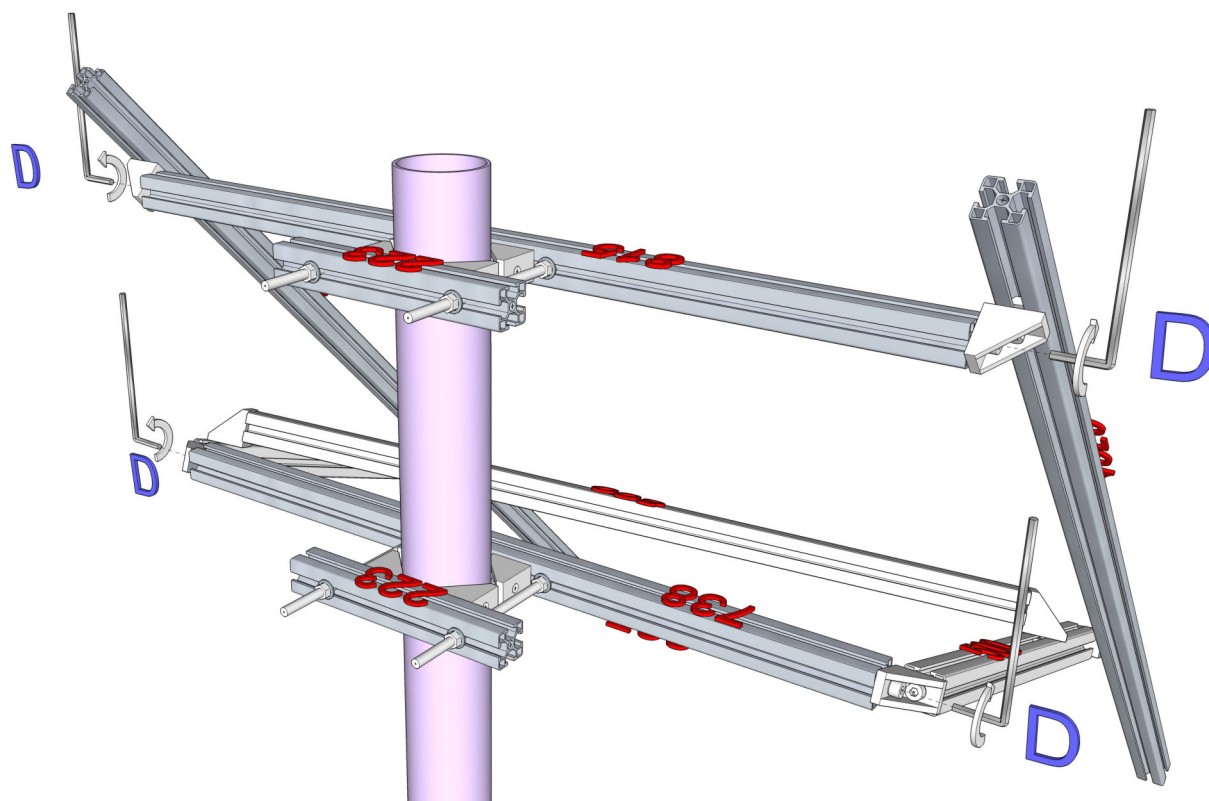
Esempi di inclinazione
Examples of tilt



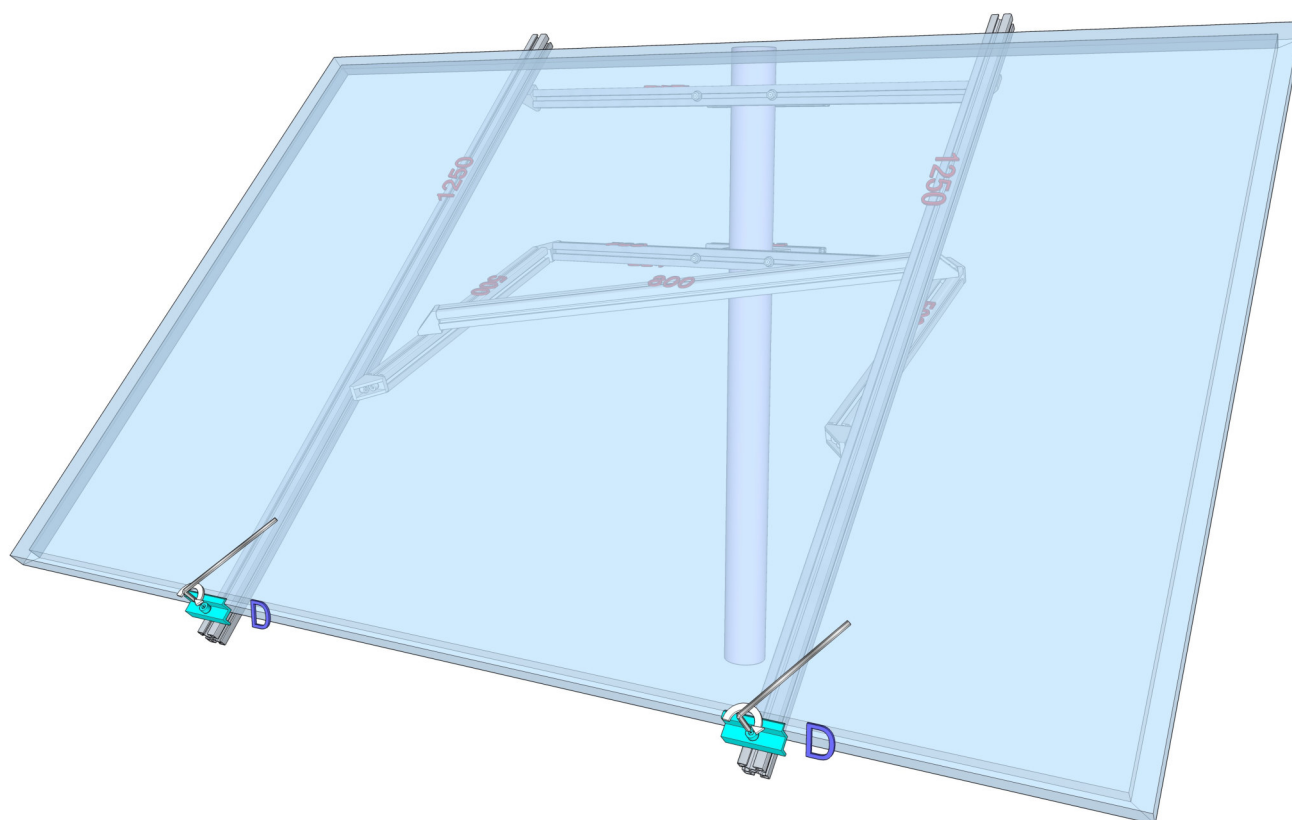
Serrare le viti per fissare l'inclinazione
Tighten the screws to fix the tilt



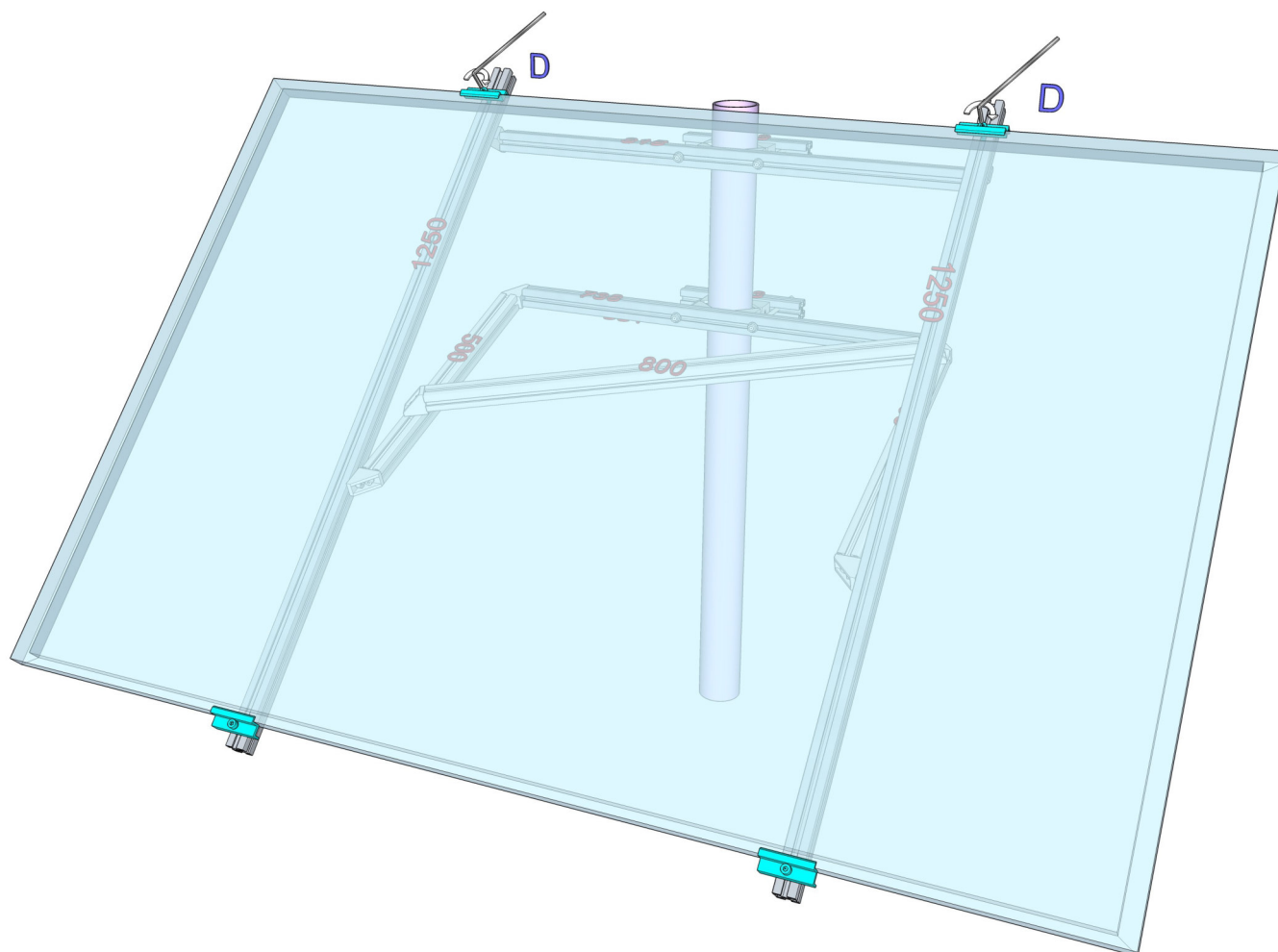
Serrare le ultime 4 viti
Tighten the last 4 screws



Posizionare il modulo fotovoltaico e fissarlo con i morsetti inferiori
Position the photovoltaic module and secure it with the lower clamps



Posizionare e bloccare i morsetti superiori
Position and lock the upper clamps



Video 1 assemblaggio a terra 10 minuti Video 1 assembly on the ground 10 minutes	Video 2 montaggio su palo 10 minuti Video 2 assembly on the ground 10 minutes
	

Nota: entrambi i video sono stati realizzati prima della realizzazione del manuale grafico, vi sono alcune differenze rispetto a questo manuale. Riferirsi alla procedura del manuale grafico e alle misure indicate sul manuale.

Note: both videos were made before the graphic manual was created, there are some differences compared to this manual.
Refer to the procedure in the graphic manual and the measurements indicated in the manual.