

Real parts. No custom pedestal.

Two separate catalog families. Match members, fittings and fasteners within each system.

G1 / CB-015-K



4-hole inside corner gusset

6105-T5 aluminum / clear anodized
1.313 × 3 × 3 in; 0.250 in walls
Ø0.328 in holes; 1.5 in centers

Supplier photograph: TNUTZ

G2 / CB-015-D



Plain 4-hole inside corner

6105-T5 aluminum / clear anodized
Plain angle, not gusseted
Not a vehicle adapter

Supplier photograph: TNUTZ

U1, L1 / EX-1515

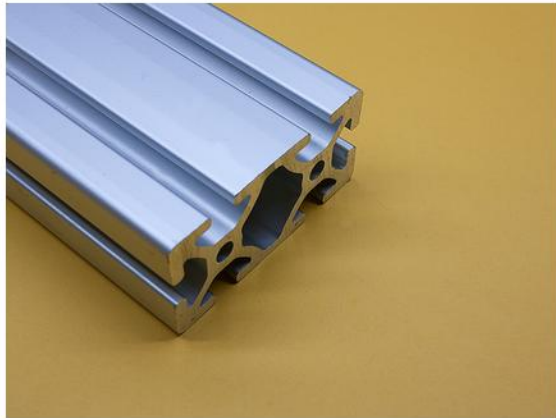


Upright + longitudinal rail candidate

1.5 × 1.5 in profile
Clear-anodized aluminum
Open T-slots, not closed tube

Supplier photograph: TNUTZ

X1 / EX-1530



Transverse crossbar candidate

1.5 × 3 in profile
Clear-anodized aluminum
Orientation / spans not released

Supplier photograph: TNUTZ

ALTERNATE SYSTEM / STEEL FITTINGS + ALUMINUM CHANNEL OPTION

S1 / P2484



7-hole steel gusset

Electrogalvanized steel
Different fitting and nut family

Unistrut / Service Company

S2 / P1026



2-hole steel 90° angle

Steel fitting, not aluminum
Select matching strut hardware

Unistrut / Service Company

S3 / P1000T



Aluminum channel option

P1000T10EA / P1000T20EA
Image is PG steel variant; shape only

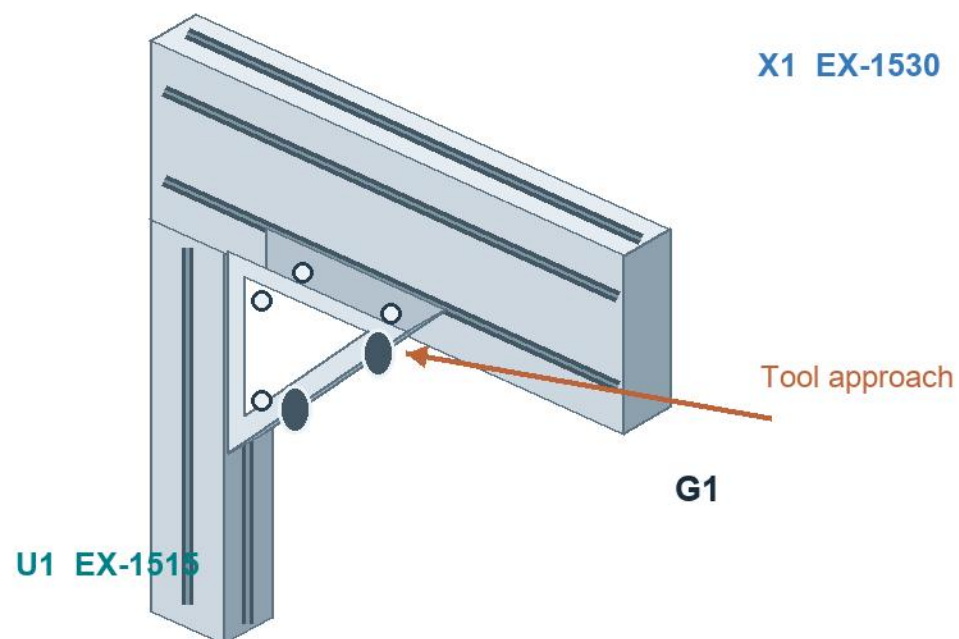
Unistrut / Service Company

Stock lengths follow measured geometry. Cutting members is not custom bracket fabrication. Corrosion details remain open.

One corner, two readable states.

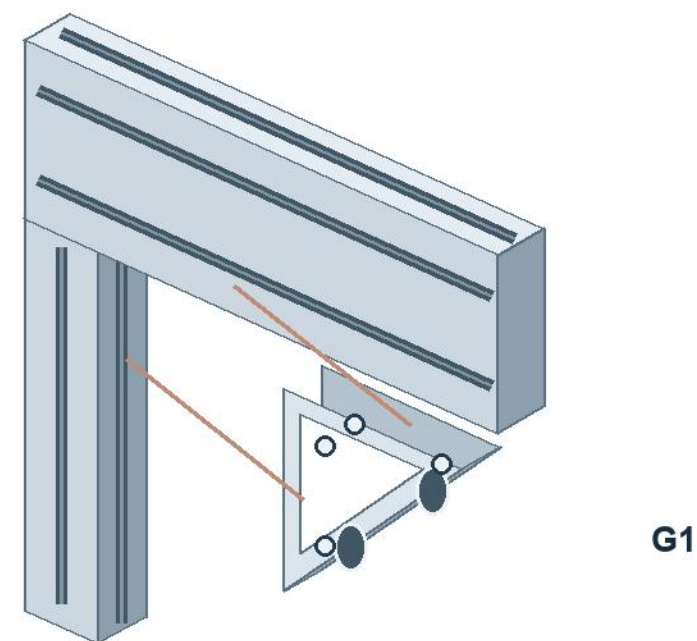
G1 catalog gusset joins U1 upright to X1 crossbar using external T-slot hardware. Isometric concept, not CAD.

A / ASSEMBLED



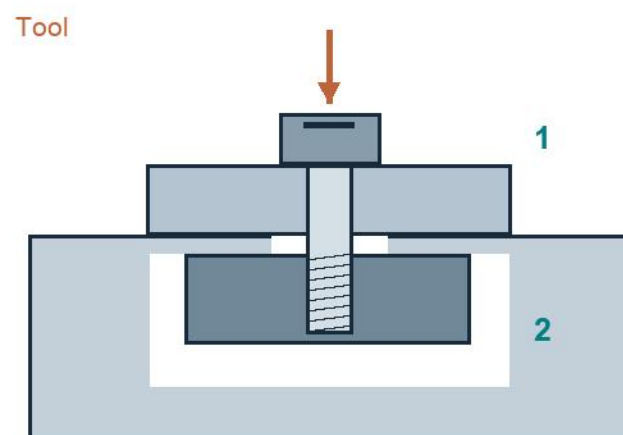
Web access openings are shown; precise holes follow supplier part.

B / EXPLODED RELATIONSHIP



Separation lines explain position, not an installation motion.

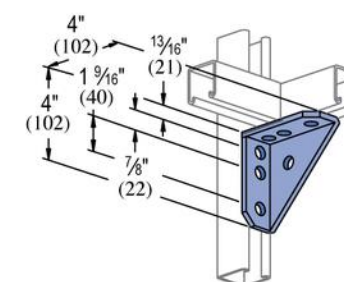
C / FASTENER CONTACT SECTION



- 1 Screw through G1 clearance hole
 - 2 Matching 15-series T-nut
- Nut shoulders bear under slot lips.
Thread shown engaged in nut.
No nut in the central profile void.

Local slot section only; no exact thread, length, torque or nut SKU specified.
Select manufacturer-matched hardware; verify seating, access and engagement.

STRUT / SEPARATE SYSTEM



S1 / P2484
Supplier sketch
Not our vehicle
joint detail

Credit: Unistrut / Unistrut Service Company
Strut channel nuts are NOT 15-series T-nuts.

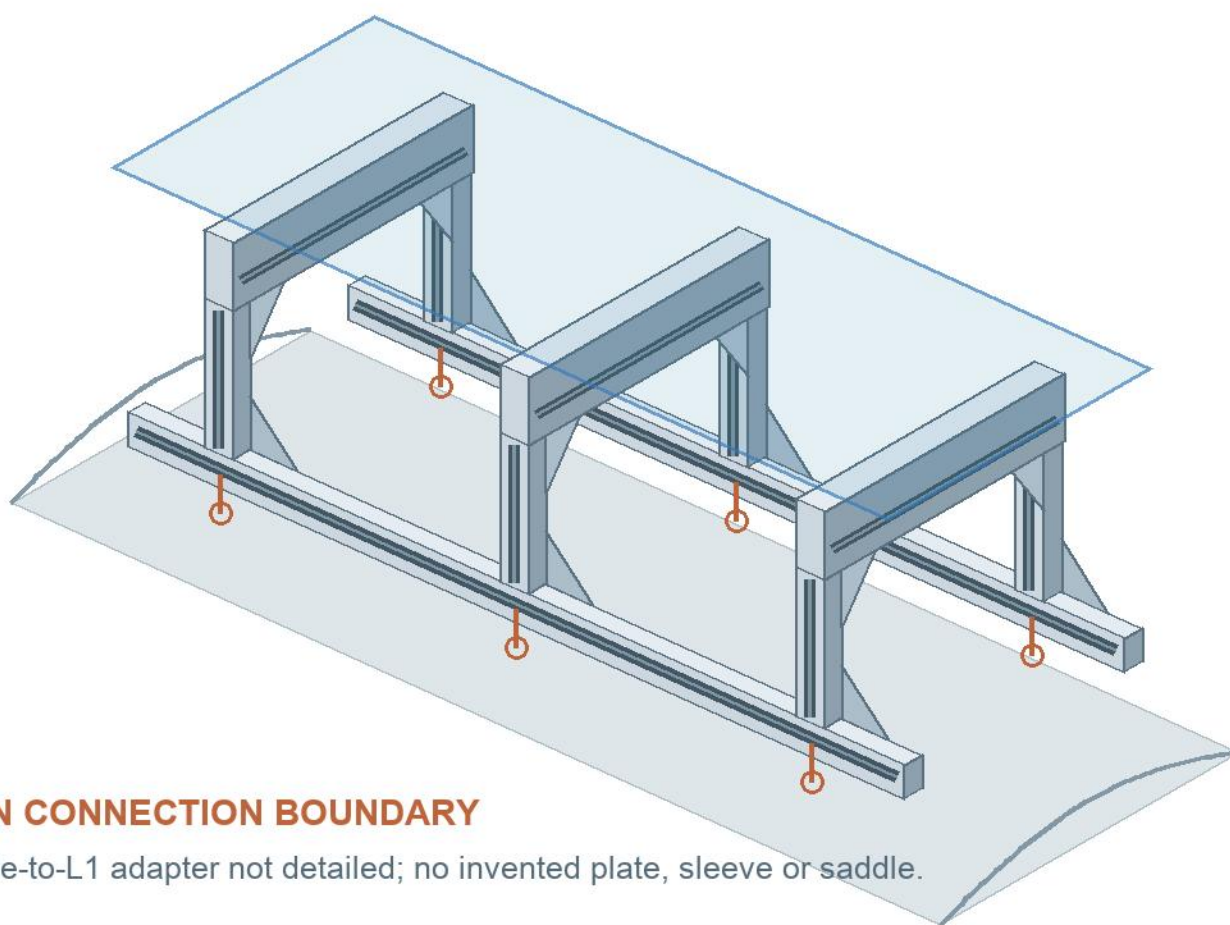
Upper frame over a crowned roof.

Proposed connectivity only. Member lengths, station counts, heights and clearances are illustrative.

SINGLE GHOST SOLAR PLANE

3 × Jinko modules: 2008 × 1002 × 40 mm each

Not a scaled layout. Orientation and retention unresolved.



OPEN CONNECTION BOUNDARY

Vehicle-to-L1 adapter not detailed; no invented plate, sleeve or saddle.

APPLIANCES ARE A DIFFERENT LOAD PATH

A/C and fan remain roof-level supported appliances, NOT carried by the solar rack.

No appliance footprints are relocated or plotted here. Preserve the governing layout coordinates.

Their roof-level reinforcement / vehicle connections and operating envelopes need separate verification.

IDENTITY KEY

L1 Longitudinal side rails

EX-1515 candidate

U1 Slot uprights

EX-1515 candidate

X1 Transverse crossbars

EX-1530 candidate

G1 Inside-corner gussets

CB-015-K locations

Same G1 / U1 / X1 as sheet 02.

Brace both axes in final design.

Triangles mark G1 locations.

Counts are illustrative; bars span above the unresolved base.