

Product Line

Item / Product Name	
DR-CTS-01	Tile Strut - Clear
DR-BTS-01	Tile Strut - Black

Material Specifications

Material Designation	6005-T5	
Density (ρ)		168.56 lbs/ft ³ (2.7 g/cm ³)
Coefficient of Thermal expansion (α_T)		1.306E-05/ °F(2.35E-05/°C)
Diffusivity (λ)		200.00 W/m-°K
Modulus of Elasticity (E)		10.152E06 Psi (7,000 kN/cm ²)
Shear Modulus (G)		3.916E06 Psi (2,700 kN/cm ²)

Component List

Material		
Tile Strut Base		01
Channel Nut	01	
Mini Flashing		01
3/8" x 6" Screw		01
3/8" x 4" SS Lag Bolt		01
3/8" SS Flange Nut		02
Sealing Washer		01

Ordering Specifics

	Qty / Box	Weight / Box	Box Size
Small Box	20 pcs / Box	11.5 lbs / Box	9.65" (L) x 7.68" (W) x 6.10" (H)
Bigger Box	80 pcs / Box	44.5 lbs / Box	14.5" (L) x 9.0" (W) x 12.0" (H)



TILE STRUT

The Tile Strut attachment allows for a structural roof rafter connection with optimal attachment stud location adjustability. The Tile Strut is compatible with most popular roof mounting systems and could be used for both flat and Spanish concrete tile. Design results in the best looking system in the industry. Both black and clear anodized product is available.

ADVANTAGES

- Compatible with Dual Rack Rails
- No tile replacement needed
- Three pre-drilled holes on Tile Strut base
- Easy installation saves time and labor costs
- Cost effective
- Clear and Black anodized product available
- 10 Year Limited Warranty
- Conforms to UL STD 2703 and Class A Fire Rated

ETL CLASSIFIED

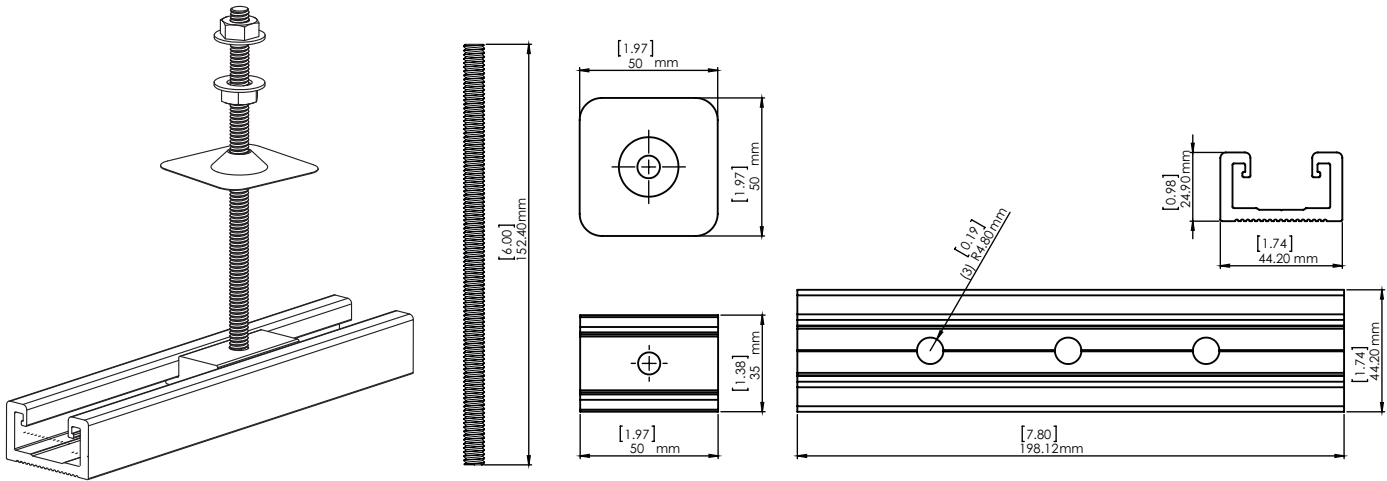


Intertek

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Conforms to UL SUB 2703

TILE STRUT



Installation Guide

For detailed instructions please refer to the Dual Rack installation guide



1. Remove the tile and locate the rafter.



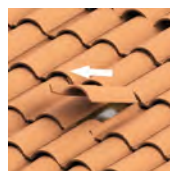
2. Insert the lag bolt through the Tile Strut and apply compatible sealant.



4. Screw the 5/16" lag bolt into rafter, embedded min. 2.5" tightening torque depends on the planned location.



5. Slide the supplied channel strut through the Tile Strut.



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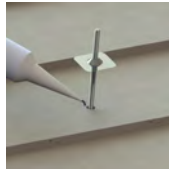
5. Slide the supplied channel strut through the Tile Strut.



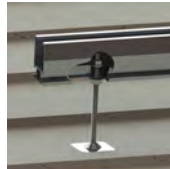
6. Carefully drill a hole through the tile using 1/2" drill bit.



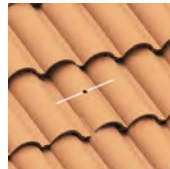
7. Use two wrenches to attach the 3/8" nut to the threaded headless bolt. Attach to the channel nut below the tile and remove the nut when done.



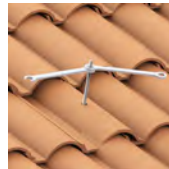
8. Apply fresh compatible sealant to seal the tile opening and lower the mini flashing.



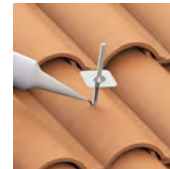
9. Attach rail to the headless threaded bolt using two 3/8" nuts.



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9. Attach rail to the headless threaded bolt using two 3/8" nuts.

Contact Info

Distributor Info



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