

Required Tools

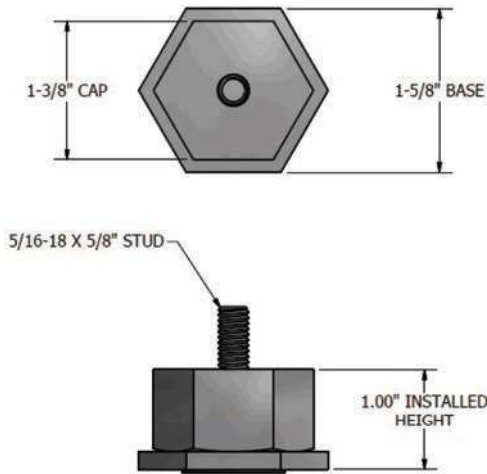
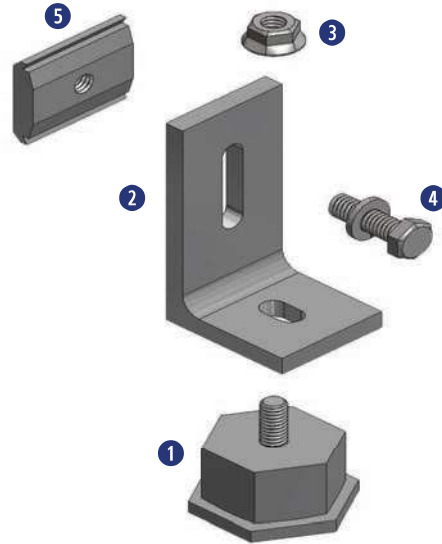
- Hammer or Stud Finder
- Roof Marking Crayon
- Drill with 3/16" Pilot Drill Bit
- Torque Wrench
- Socket Wrench
- 1/2" Socket

Materials Included - Metal Roof Base

- ① (1) SnapNrack Metal Roof Base
- ② (1) SnapNrack All Purpose L Foot
- ③ (1) 5/16"-18 SS Flange Nut
- ④ (1) 5/16"-18 X 1-1/4" SS Flange Bolt
- ⑤ (1) SnapNrack Channel Nut

Other Materials Required (Not Shown)

- ① (1) 5/16" Lag Screw or 1/4" Self-drilling Screw (Not Shown)
- ② (1) 5/16" or 1/4" Washer (3/4" max O.D.)



Dimensioned Metal Roof Base Assembly

Application Note:

Install on metal roof profiles with flat surface large enough to accommodate 1-5/8" wide base.

Install Note:

Grounding and bonding of mounting system to metal roof panels shall meet local AHJ requirements.

INSTALLATION INSTRUCTIONS



1) Using roof attachment locations drawn during system layout, drill a pilot hole through the roofing material into the roof framing member.



2) Attach the base with 5/16" lag screw (or 1/4" self-drilling screw for metal structures), drive lag screw for minimum 2.5" embedment into the roof framing member.



3) Thread Metal Roof Base cap onto Metal Roof Base bottom, ensuring cap is fully seated to base.

Install Note:

Ensure the lag or self-drilling screws will be installed in a solid portion of the roof framing member.

If the roof framing member is not found then seal the pilot hole immediately with roofing sealant.

Install Note:

Ensure area is free from metal shavings and debris before installing Metal Roof Base. Metal roofs with excessive debris, corrosion, or non-factory coating should be evaluated for adequate sealing surface.

Additional roof sealant not required but can be applied after tightening the Metal Roof Base to roof, if desired.

Install Note:

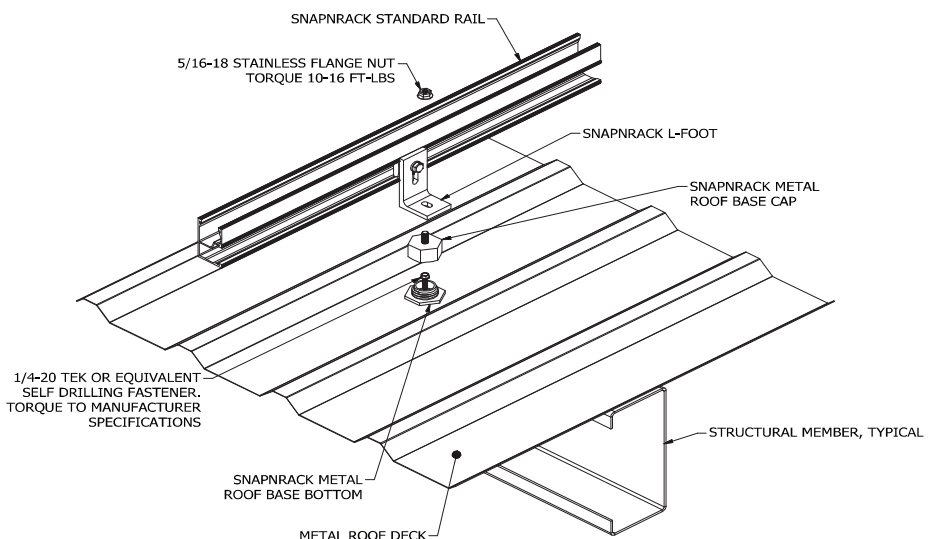
Take care to ensure the base does not twist when cap is tightened.



4) Attach L Foot to stud in Metal Roof Base cap and tighten hardware to 10+ ft-lbs.

Best Practice:

If using an impact driver, finish tightening lag screw with a hand wrench.



Best Practice:

Finish tightening hardware with a hand wrench to prevent L Foot from rotating.