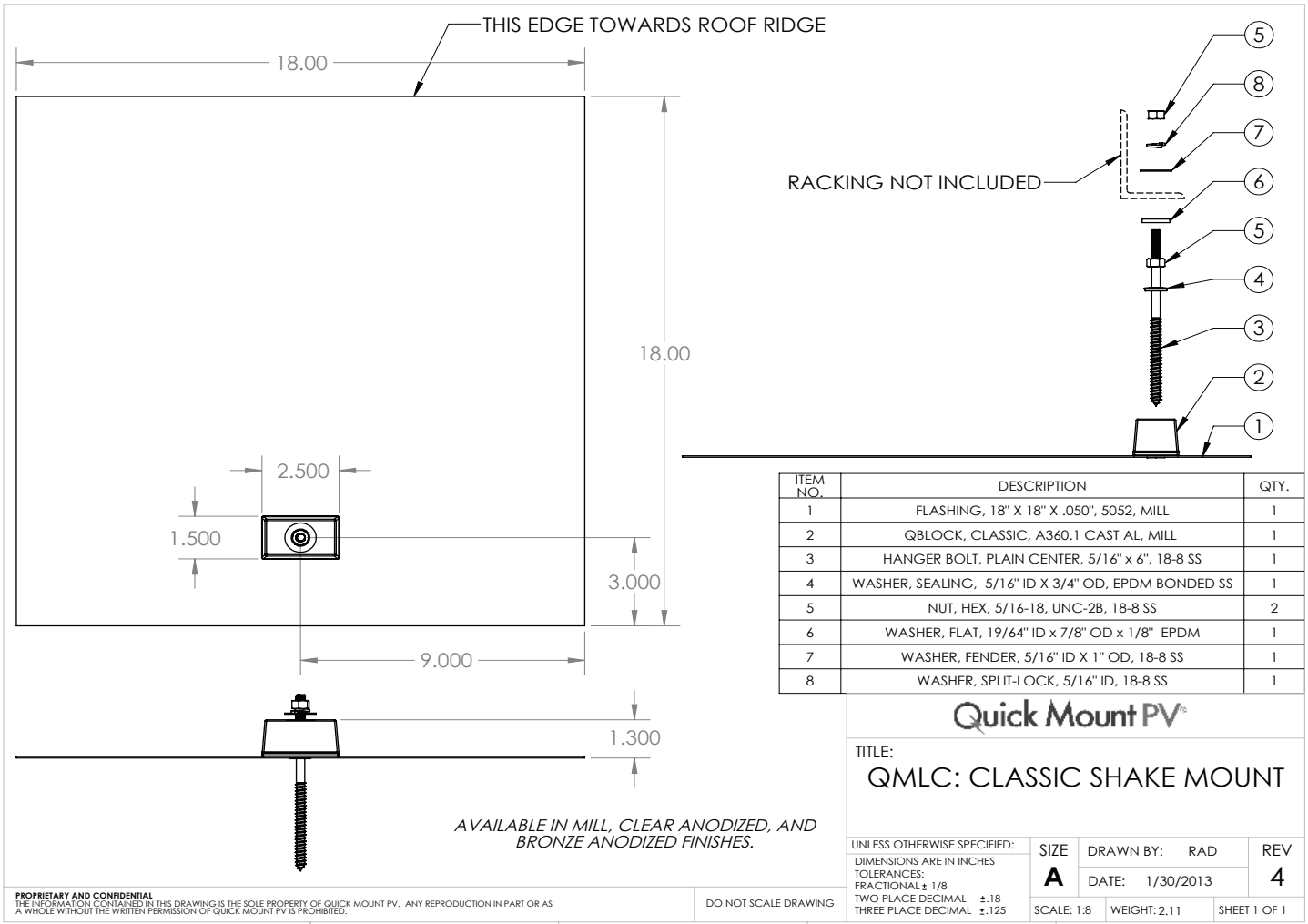


# Classic Shake Mount | QMLC



Lag pull-out (withdrawal) capacities (lbs) in typical lumber:

	Lag Bolt Specifications		
	Specific Gravity	5/16" shaft per 3" thread depth	5/16" shaft per 1" thread depth
Douglas Fir, Larch	.50	798	266
Douglas Fir, South	.46	705	235
Engelmann Spruce, Lodgepole Pine (MSR 1650 f & higher)	.46	705	235
Hem, Fir	.43	636	212
Hem, Fir (North)	.46	705	235
Southern Pine	.55	921	307
Spruce, Pine, Fir	.42	615	205
Spruce, Pine, Fir (E of 2 million psi and higher grades of MSR and MEL)	.50	798	266

Sources: American Wood Council, NDS 2005, Table 11.2 A, 11.3.2 A

- Notes:**
- 1) Thread must be embedded in a rafter or other structural roof member.
  - 2) See IBC for required edge distances.
- IMPORTANT:** To maintain waterproofing it is important that the aluminum flashing (item 1) is properly placed under one full course above the mounting block with at least some of the flashing extending up under the course above that as well. See instructions on back.

**PLEASE NOTE:** Cedar shakes treated with ACQ or CCA wood preservatives or fire retardant chemicals, or shakes with higher concentrations of natural tannins, may cause accelerated corrosion when in direct contact with aluminum. It is advisable to use an appropriate physical barrier to isolate the aluminum from these corrosive chemicals. Accepted barriers include standard roofing felt, ice & water shield type underlayment, or 10 mil thick polyethylene sheeting. Please check with your shake roofer and/or supplier to see if your shakes require these barriers.



# Classic Shake Mounting Instructions

**Installation Tools Required:** tape measure, roofing bar, chalk line, stud finder, caulking gun, sealant compatible with roofing material, drill with 7/32" bit, drill or impact gun with 1/2" deep socket, grinder or sander

**WARNING:** Quick Mount PV products are NOT designed for and should NOT be used to anchor fall protection equipment.



1  
Locate, choose, and mark centers of rafters to be mounted. Select each row course of roofing for placement of Quick Mounts.



2  
If necessary, remove shakes directly above mount with the roofing bar to expose felt paper. Flashing should reach at least 1" up and under the felt paper for proper waterproofing.



3  
Find the rafter center and level out any high spots with a grinder or sander. Slide mount into desired position on shakes, under felt paper, and mark center for drilling.\*



4  
Set mount aside. Using drill with 7/32" bit, drill pilot hole into roof and rafter, taking care to drill square to the roof. Do not use mount as a drill guide.



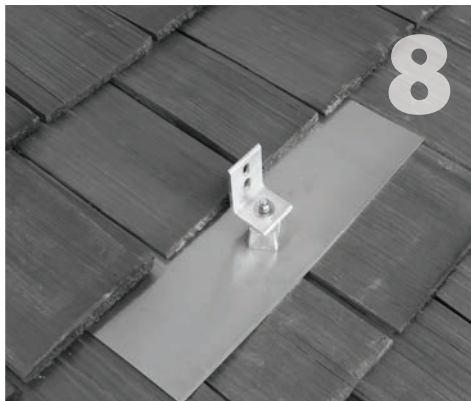
5  
Clean off any sawdust, and fill hole with sealant compatible with roofing material.



6  
Slide mount back into position. Prepare hanger bolt with 1 hex nut (item 5) and 1 sealing washer (item 9), insert through QBlock into hole and drive hanger bolt into rafter, tightening to a solid snug fit.



7  
Insert EPDM rubber washer (item 6) over hanger bolt into QBlock.



8  
Using the rack kit hardware, secure the rack of your choice.

When attaching the rack, follow all the directions of the rack manufacturer as well as the module manufacturer.

All roofing manufacturers' written instructions must also be followed by anyone modifying a roof system. Please consult the roof manufacturer's specs and instructions prior to touching the roof.

\* If the flashing doesn't reach under the felt paper above, cut an additional piece of felt paper to layer under the existing felt and over the flashing.

## Quick Mount PV®

925-478-8269 • [www.quickmountpv.com](http://www.quickmountpv.com) • [info@quickmountpv.com](mailto:info@quickmountpv.com)  
2700 Mitchell Dr., Bldg 2 • Walnut Creek, CA 94598