



Tech Tip: Anchor Bolt Size

3/4" and 1" are the common light pole anchor bolt sizes. Standard thread pitches are 3/4"-10 and 1"-8 (threads per inch) 3/8", 5/8", 7/8", and 1-1/8" do exist, they are highly uncommon in parking lot lighting.

1-1/4" will occasional be used on larger and older poles.

When measuring anchor hardware, remember, the outside diameter of bolts and the inside diameter of nuts will measure smaller than the hardwares given size.

Wall thickness of a nut does not affect its size. Standard sizes are pictured. Thicker and thinner do exist.

These is a difference in the hardwares finish and this does affect the fitment. Anchor hardware should be galvanized.

Galvanized nuts are oversized to accommodate the thickness of the galvanizing. A zinc coated or raw nut will not thread onto some thicker galvanized bolts depending on the thickness of the galvanizing.



3/4" Galvanized Nut



3/4" Galvanized
Anchor Bolt



1" Galvanized Nut



1" Galvanized
Anchor Bolt