

# Amphenol®



## HelioBolt®

Amphenol Industrial Solar Technologies (AIST) offers products and solutions for all segments of the solar electric system. AIST understands the need for efficient (low loss) power transfer, highly reliable, and cost effective solutions that are required to be competitive in this industry. We can provide panel manufacturers, installers, and OEM's with connectivity products for both thin film and crystalline silicon technologies. Amphenol has a broad range of technologies to help minimize the cost of inverters and power conditioners. Amphenol Industrial Solar Technologies can help you power the planet with the sun.

HelioBolt is a grounding component for solar modules and solar racking systems allowing easy termination to the ground wire.

HelioBolt provides a quick, economical and code compliant solution to securely ground PV panels and support structures.

HelioBolt is designed for UL2703; that means it is specifically approved for Photovoltaic applications and can be used on ANY PV panel with a metal frame. No need for explicit panel manufacturer approval, no need to stock manufacturer specific grounding equipment.

The HelioBolt is just one of the solar solutions Amphenol Industrial Solar Technologies has to offer.

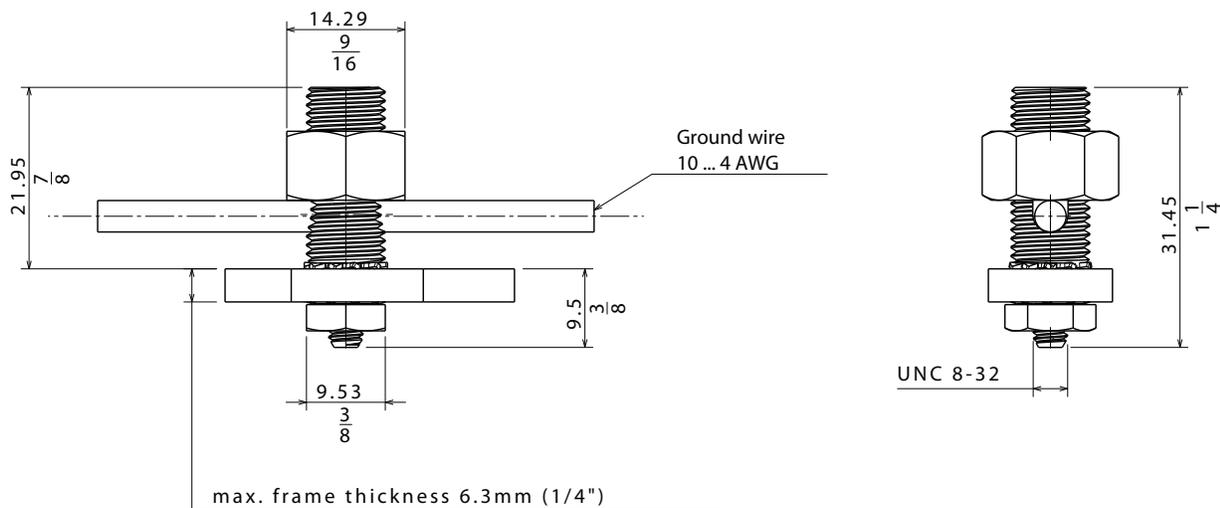
### Features:

- Fast, economical PV panel grounding solution
- Designed for UL2703
- Meets all new NEC 2008/2011 requirements
- Can be used on ANY metal frame PV panel
- Quick installation with single screw
- Quick wire termination
- No special tools needed
- Use with all 10 - 4 AWG (4 - 16 MM<sup>2</sup>) solid, bare copper wire
- 100% passivated Stainless Steel Construction
- Jam nut allows to secure the bolt in any wire direction
- Side Wire Insert allows compression nut to stay in place during installation

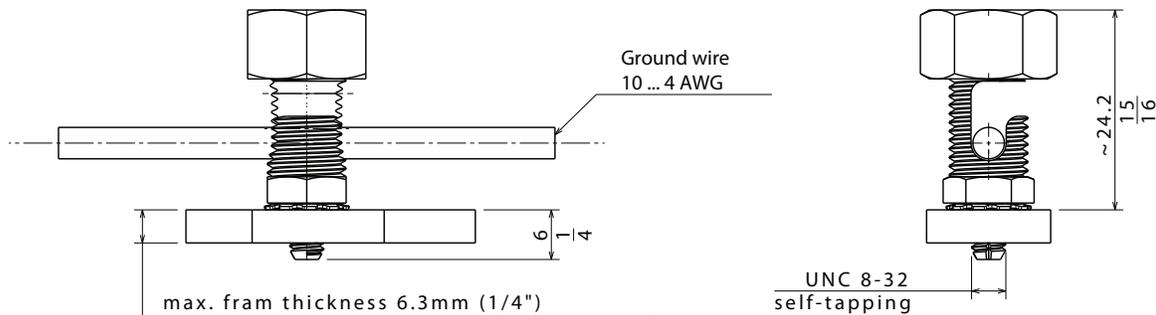


## Technical Data

Grounding wire capacity	Solid copper wire 10 to 4 AWG
Contact type	Compression by stainless steel nut
Contact material	Stainless steel
Bolt material	Stainless steel
Mounting screw material	Stainless steel
Jam nut material	Stainless steel



**Jam nut version - closed**



**Thread-cutting version - open to insert wire**

How to order											
1		2		3		4		5		6	
HG		B		9		U		C		F	
Product line		Type		Wire Size		Approvals		Packaging		Variations	
HG	Helios Grounding	B	HelioBolt	9	4 - 16 mm <sup>2</sup> 10 - 4 AWG	U	UL	I	Single	F	Self-tapping screw 8-32
								C	100 pcs.	L	8-32 thread, jam nut
								M	500 pcs.		

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