

# 16988

16989, 16990, 16991, 16993, 17556, 17558, 17559

## STAINLESS STEEL SOLAR MOUNTING SCREWS



A DIVISION OF QUICKSCREWS INTERNATIONAL CORP

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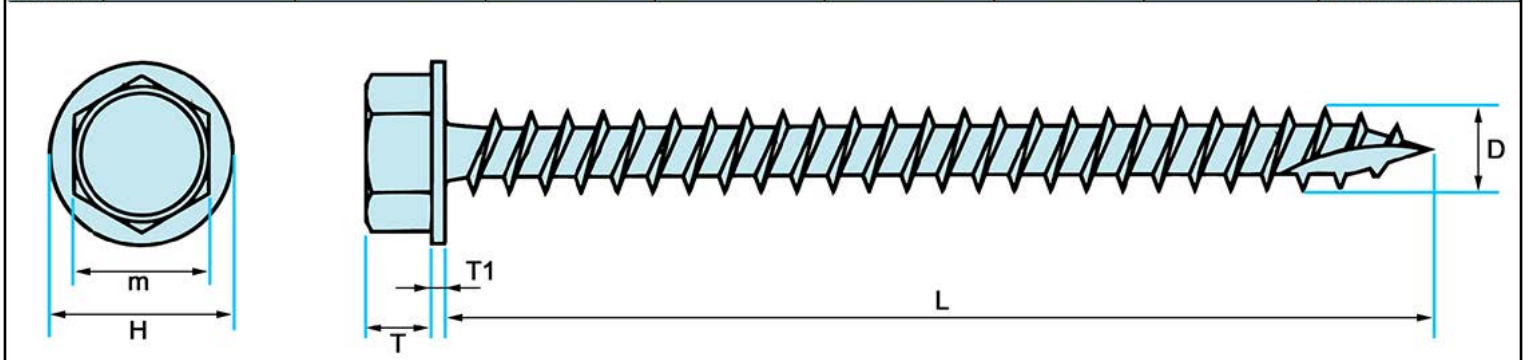
**UL CERTIFICATION**  
PROOF OF UL CERTIFICATION

# SPEC SHEET

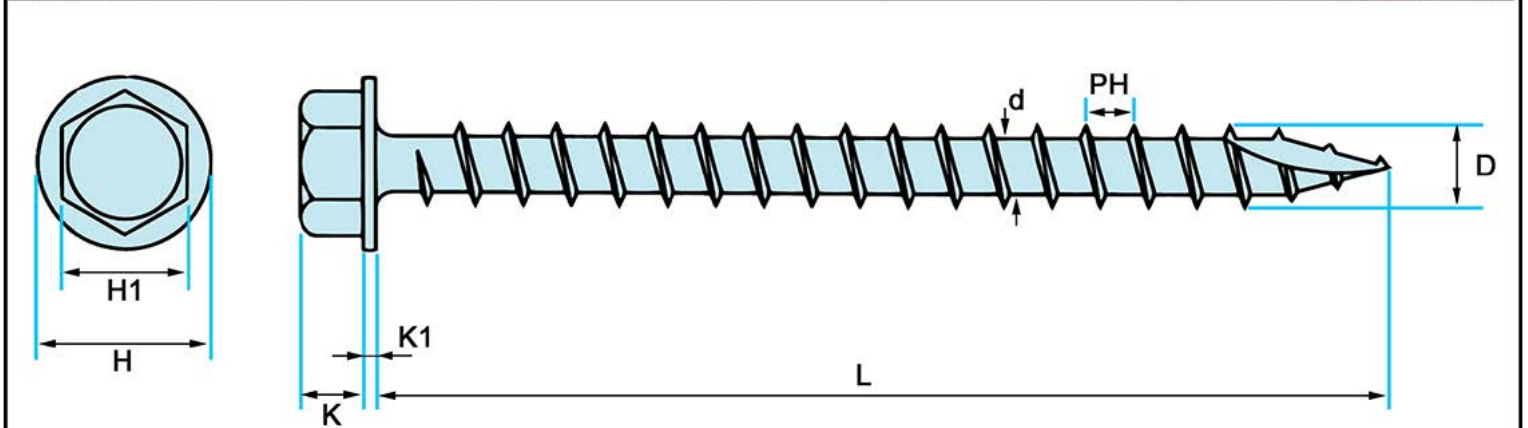
Part #	Box Quantity	Size
16988	20 Screws	5/16" x 3"
16989	20 Screws	5/16" x 3-1/2"
16990	40 Screws	5/16" x 3"
16991	40 Screws	5/16" x 4"
16993	20 Screws	5/16" x 4"
17556	20 Screws	1/4" x 3"
17558	40 Screws	1/4" x 3"
17559	20 Screws	1/4" x 4"



Size	H	m	T	T1	D	PH	Thread Length	L
5/16" x 3"	15.84mm - 17.17mm	12.42mm - 12.70mm	5.28mm - 5.84mm	0.88mm - 1.40mm	7.57mm - 8.23mm	9 threads per in.	Full Thread	74.50mm - 76.20mm
5/16" x 4"								99.10mm - 101.60mm



Size	H	m	T	T1	D	PH	Thread Length	L
#14 x 3"	9.32mm - 9.52mm	15.37mm - 16.37mm	0.76mm - 1.27mm	4.36mm - 4.82mm	7 threads per in.	4.19mm - 4.44mm	5.96mm - 6.22mm	74.50mm - 76.20mm
#14 x 4"								99.10mm - 101.60mm



## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20180725-E493748  
**Report Reference** E493748-20170817  
**Issue Date** 2018-JULY-25

**Issued to:** SolarRoofHook, a Division of Quickscrews International Corp  
5830 Las Positas Rd, Livermore CA 94551


**This is to certify that representative samples of** COMPONENT - MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS  
Refer to Addendum Page for Models/Product.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 2703 Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.

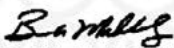
**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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Certificate Number 20180725-E493748  
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product

USR – Component, Roof Mounting Hook Units, Models 15891 15893 15987 16000 16988 16990  
16991 16993 17508 17509 17510 17511 17512 17513 17514 17515 17516 17517 17518 17519 17520  
17521 17522 17523 17524 17525 17526 17527 17536 17537 17538 17539 17540 17541 17542 17543  
17544 17545 17546 17547 17548 17549 17550 17551 17552 17553 17554 17555 17556 17558 17559  
17560 17568 17569 17570 17571 17572 17573 17574 17575 17576 17577 17578 17580 17585  
17586 17587 17588 17589 17592 17596 17600 17601 17606 17607 17608 17609 17610 17611 17612  
17613 17614 17615 17616 17617 17618 17620 17621 17622 17623 17624 17625 17626 17627 17628  
17629 17630 17631 17632 17633 17636 17637 17638 17639 17642 17643 17646 17647 17648 17649  
17650 17651 17659 17664 17667 17669 17670 17671 17672 17673 17678 17679 17680 17681 17686  
17687 17688 17689 17700 17701 17702 17703 17704 17705 17706 17707 17708 17709 17710 17711  
17712 17717 17718 17759 15891-10 15891BLK-10 15987A 15987B 17667SS 17672SS 17680SS  
17688SS 17713SS 17720 17721SS 17723 17724SS 17726 17727SS 17729 17730SS 15894SS  
15891SS 15987BSS.



Bruce Mahrenholz, Director North American Certification Program

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