

*** I-CLAMP 360 INSTALLATION INSTRUCTIONS ***

1

STEEL I-BEAM SECTION

CHALK AND/OR STRING LINE

STEEL I-BEAM SECTION

MEASURE THE DISTANCE FROM EAVE TO THE FIRST ROW OF I-CLAMP 360'S AND USE A STRING OR CHALK LINE OVER THE TOP OF THE I-BEAMS, TO ESTABLISH A STRAIGHT GUIDELINE FOR INSTALLATION.

2

STEEL I-BEAM SECTION

I-CLAMP 360

SIDE VIEW

I-CLAMP 360

STEEL I-BEAM SECTION

SLIDE THE I-CLAMP 360 ONTO THE I-BEAM PER YOUR REQUIRED LAYOUT. TO ENSURE THE STRONGEST ATTACHMENT, MAKE SURE THAT THE I-CLAMP 360 IS FULLY SEATED ONTO THE I-BEAM, SO THAT THE I-BEAM FLANGE IS AT THE BACK OF THE I-CLAMP 360, WITH NO GAP BETWEEN THE TWO.

3

STEEL I-BEAM SECTION

I-CLAMP 360

3/8" - 24 x 1" STAINLESS STEEL CUP POINT SET SCREWS

SECURE THE I-CLAMP 360 WITH THE TWO 3/8" - 24 x 1" STAINLESS STEEL CUP POINT SET SCREWS (OR THE OPTION B BEING: M8 x 1.25 x 20MM STAINLESS STEEL HEX HEAD FLANGE BOLT) TO THE STEEL I-BEAM ON THE BOTTOM OF I-CLAMP 360. THE TORQUE SHOULD BE VERIFIED WITH A CALIBRATED TORQUE WRENCH WITHIN THE RECOMMENDED GUIDELINES SET FORTH BELOW.

RECOMMENDED 3/8"-24 x 1" STAINLESS STEEL CUP POINT SET SCREW TORQUE VALUE: 240 IN/LBS FOR EACH CUP POINT SET SCREW

4

STEEL I-BEAM SECTION

I-CLAMP 360

3/8" - 24 x 1" STAINLESS STEEL CUP POINT SET SCREWS

VERIFY THAT THE I-CLAMP 360 IS SECURE, STRAIGHT AND LEVEL. MEASURE AND MARK THE LOCATION OF THE NEXT I-CLAMP 360'S LOCATION, THEN REPEAT STEPS 2-4 FOR THE REMAINING I-CLAMP 360'S IN THE SERIES. BE SURE TO FOLLOW THE ARCHITECT'S AND/OR ENGINEER'S REQUIRED SPACING AND/OR LAYOUT, INCLUDING THEIR ADJUSTMENTS FOR FIELD CONDITIONS, IF ANY ARE REQUIRED (A RECOMMENDED LAYOUT CAN BE FURNISHED BY SOLAR CONNECTIONS INTERNATIONAL, INC. UPON WRITTEN REQUEST, ONLY).

I-CLAMP 360 CUP POINT SET SCREW INSTALLATION



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1