

*** 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



220 EXCHANGE DRIVE, UNIT B, CRYSTAL LAKE, IL 60014

PHONE: 800.815.7652 WEBSITE: WWW.SOLARCONNECTIONS.COM
FAX: 815.455.4367 E-MAIL: INFO@SOLARCONNECTIONS.COM

DISCLAIMER

THE INFORMATION HEREIN IS CONFIDENTIAL AND PROPRIETARY AND IS NOT TO BE DISCLOSED OR DELIVERED TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT OF SOLAR CONNECTIONS INTERNATIONAL, INC.

SOLAR CONNECTIONS INTERNATIONAL, INC. DOES NOT WARRANT THE INSTALLATION IF ITS PRODUCTS. PRODUCT PERFORMANCE IS DEPENDENT ON THE INSTALLERS STRICT ADHERENCE TO THESE INSTALLATION INSTRUCTIONS.

SOLAR CONNECTIONS INTERNATIONAL, INC. IS NOT A LICENSED ARCHITECT OR ENGINEER, THEREFORE WE STRONGLY RECOMMEND THAT AN ARCHITECT AND/OR STRUCTURAL ENGINEER PROPERLY LICENSED IN THE CITY AND STATE WHERE THE PROJECT IS LOCATED, REVIEW THE CONTEMPLATED LAYOUT TO ENSURE THAT THE BUILDING STRUCTURE CAN WITHSTAND THE PROJECTED SNOW AND/OR WIND LOAD. SOLAR CONNECTIONS INTERNATIONAL, INC. ASSUMES NO LIABILITY THEREFORE.

DRAWN BY:	E.C.
DATE:	9/19/25
SCALE:	N.T.S.

1