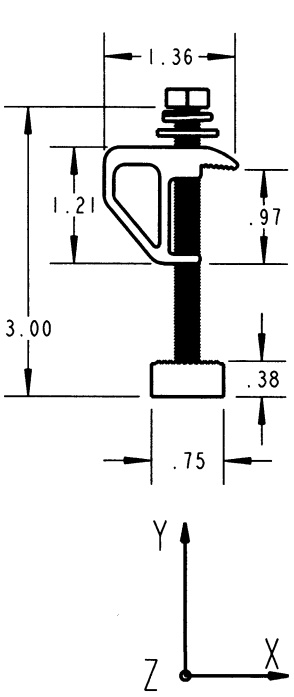
Kindorf®

SOLAR PANEL END CLAMP ASSY. (CAT. NO.: USHC-L-SSH)



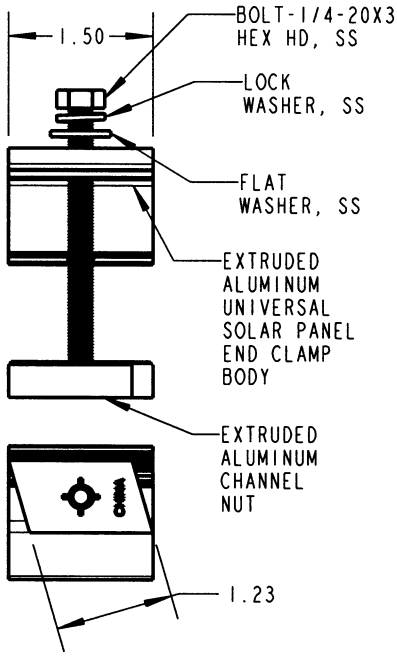
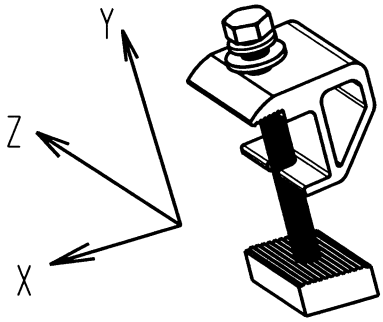


TABLE (1)

APPLIED LOAD DIRECTION	ALLOWABLE LOAD lbs (N)	SAFETY FACTOR, FS
SLIDING, ±X	290 (1289)	2.72
TENSION, ±Y	507 (2255)	2.50
TRANSVERSE, ±Z	110 (489)	4.58



NOTES:
1. UNIVERSAL END CLAMP & CHANNEL NUT MATERAIL: EXTRUDED ALUMINUM ALLOY 6061-T6.
2. UIVERSAL END CLAMP & CHANNEL NUT FINISH: CLEAR ANODIZED.
3. HARDWARE MATERIAL: 304 STAINLESS STEEL.
4. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
5. SOLD AS AN ASSEMBLY.
6. UNIVERSAL END CLAMP ASSEMBLY (USHC-L-SSH) IS DESIGNED FOR USE WITH (1" TO 2") HIGH SOLAR PANEL MODULS.
7. CAN BE USED WITH STANDARD 1-1/2" & 1-5/8" ALUMINUM & STEEL STRUTS.
8. BOLT: 1/4-20X3 HEX HD, SS.
9. SUPPLIED BOLT IS ASSEMBLED FLUSH TO CHANNEL NUT AS SHOWN & THE CHANNEL NUT WILL SELF ORIENT, WHEN ASSEMBLED TO STRUT. THE INITIAL BREAKING TORQUE IS TO SELF ORIENT THE CHANNEL NUT INSIDE THE STRUT.
10. ALLOWABLE LOAD VALUES SHOWN IN THE TABLE (1) ABOVE ARE FOR SINGLE CLAMP ASSEMBLY WHEN USED WITH STEEL STRUTS TO RETAIN A SOLAR PANEL IN THE INDICATED DIRECTION AND TIGHTEN TO 100 lbf-in OF TORQUE.
11. THE INSTALLER IS SOLEY RESPONSIBLE FOR:
    A. COMPLYING WITH ALL APPLICABLE LOCAL & NATIONAL BUILDING CODES & ENSURING THE PRODUCTS ARE APPROPRIATE FOR PARTICULAR INSTALLATION AND ENVIRONMENT.
    B. PARAMETERS, SUCH AS WIND SPEED, SNOW LOADING, EXPOSURE & TOPOGRAPHICAL FACTORS SHOULD BE CONFIRMED WITH LOCAL BUILDING OFFICIALS OR A LICENSED PROFESSIONAL ENGINEER, ENSURING USE OF CORRECT AND APPROPRIATE DESIGN PARAMETERS.

GENERAL NOTES

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. DIMENSIONS IN BRACKETS [ ] ARE IN METRIC UNITS.

REVISIONS

-- SEE ERN (****) FOR APPROVAL SIGNATURES & RELEASE DATE. PROJECT NO: ****

Thomas&Betts
www.tnb.com

DESCRIPTION:
UNIVERSAL SOLAR PANEL END HOLD DOWN CLAMP

ORIGINAL PROJECT NO / (ERN NO)	SHEET NO:	REV. NO:	DRAWING NO:
004D000176 / (2013828)	1 OF 1	--	WSD-001080