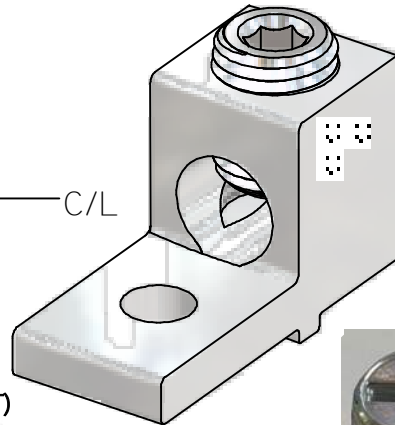
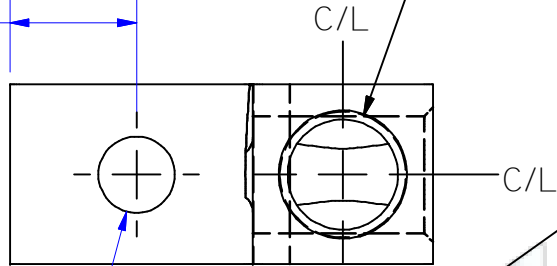


Shipped with regular slotted screw or TUFF SLOT™ closed slot which guides driver bit for rapid assembly (subject to availability).

TUFF SLOT™ is a trademark of IHI Connectors®

7/16-20 UNF - 2B x .562 DEEP (REF.)

■ .44
REF.



■ $\varnothing .265^{+0.010}_{-0.005}$

ALSO MAY BE SHIPPED WITH # 14225CF SCREW (CLOSED SLOT)

RECOMMENDED FLAT SLOTTED DRIVER BITS
 0-75 IN-LBS CHAPMAN CM-96 8.3MM X 1.0MM BITS
 0-100 IN-LBS WIHA/WERA 8.0MM X 1.2MM BITS
 0-120 IN-LBS WIHA/WERA 8.0MM X 1.6MM BITS

IHI UL/CSA Installation Guide to Drill or Enlarge Mounting Holes:

<https://lugsdirect.com/PDF%20Documents/IHI-MTG-HOLE-FIELD-MODS-UL&CSA-CERTIFICATIONS.pdf>

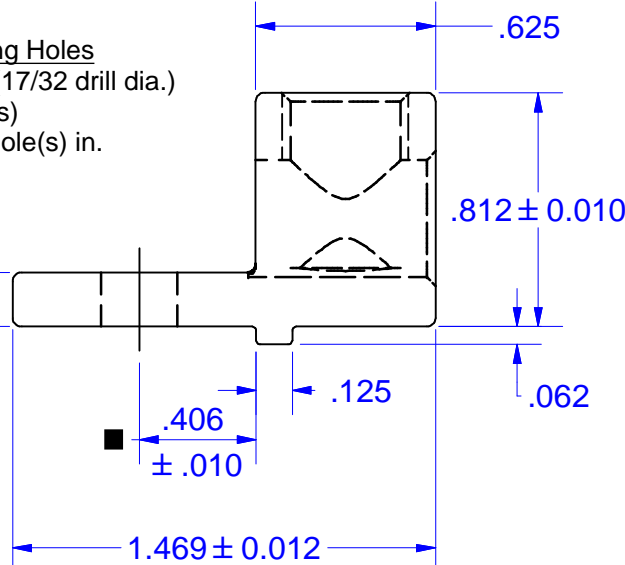
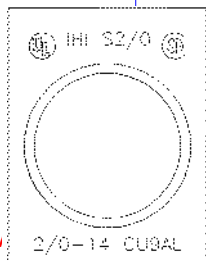
Cat. No. S2/0 Style No. ALL

■ Drill, Enlarge, or Modify Mounting Holes

- 1) Increase hole(s) dia. to 1/2 bolt (17/32 drill dia.)
- 2) Move location of mounting hole(s)
- 3) If buying blank lug, put custom hole(s) in.

MARKING

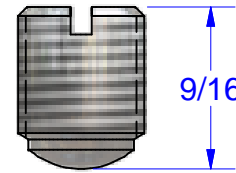
S2/0
 IHI
 2/0-14
 CU9AL
 UL Logo
 CSA Logo



.072

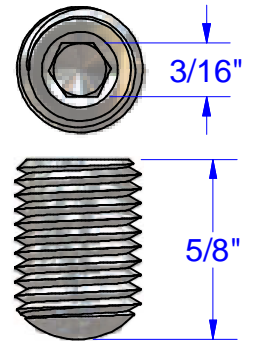
5 mm ACROSS FLATS

SCREW #11703-M
 (ALUMINUM TIN PLATED)
 S2/0-TP-27-44-HEX-M



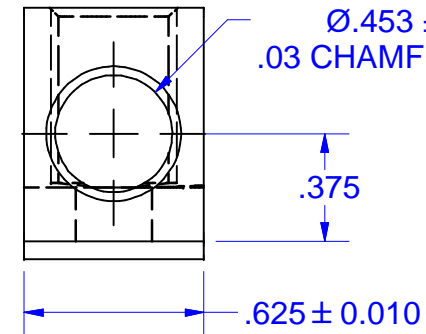
SCREW #14225
 (ALUMINUM TIN PLATED)
 S2/0-TP-27-44

14225CF SCREW



SCREW# 11703
 (ALUMINUM TIN PLATED)
 S2/0-TP-27-44

7/16-20 UNF-2B HEX SOCKET
 ASSEMBLE SCREW SNUG
 TO BOTTOM 5-15in.-lbs.



2/0-14 WIRE CONNECTOR
 REF. 2700-1052

FLEX WIRE 1/0-14 AWG

NOT FOR USE WHERE FAILURE CREATES A HAZARD TO HUMAN HEALTH OR SAFETY. ALL PRODUCTS ARE SUBJECT TO THIS FULL DISCLAIMER: <http://www.ihiconnectors.com/disclaimer.html>

FOR FURTHER INFORMATION ON THE PROPER USE OF THIS PRODUCT IN SPECIFIC APPLICATIONS SEE <http://www.ihiconnectors.com/GuideToFlexFlexibleFineStrandedWireCableMechanicalLugsFAQ.html> <http://www.ihiconnectors.com/Technical-Data-Installation.htm>

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GENERAL TOLERANCES
 ± .015 (± 0.038)

MATERIAL: 6061-T6
 (X1075TP)
 FINISH: TIN PLATE
 EMS

INTERNATIONAL HYDRAULICS, INC.			
TITLE: S2/0-TP-.27-.44-HEX (SALES) CONNECTOR			
SIZE:	DRAWN BY: TDS	DWG NO.: S2/0-TP-.27-.44-HEX (SALES)	REV: 1
DATE: 4/27/11	THIS IS A CAD DRAWING, DO NOT MANUALLY REVISE		

**IHI S2-0-TP-27-44-HEX AFTERMARKET LUG FITS ABB* 100A SWITCHES COMPARES WITH OZXA-24 LUG
2/0-14 CLASS B & C WIRE WITH ADDITIONAL FLEX WIRE RATINGS 1/0-14 TURN PREVENT FEATURE
SIMILAR FIT TO OEM LUG**

UL486A-B ZMVV CSA C22.2 NO. 65 CERTIFIED

S2/0-TP-27-44-HEX NOT UL98 OR UL508 RATED OR TESTED WITH ABB SWITCHES

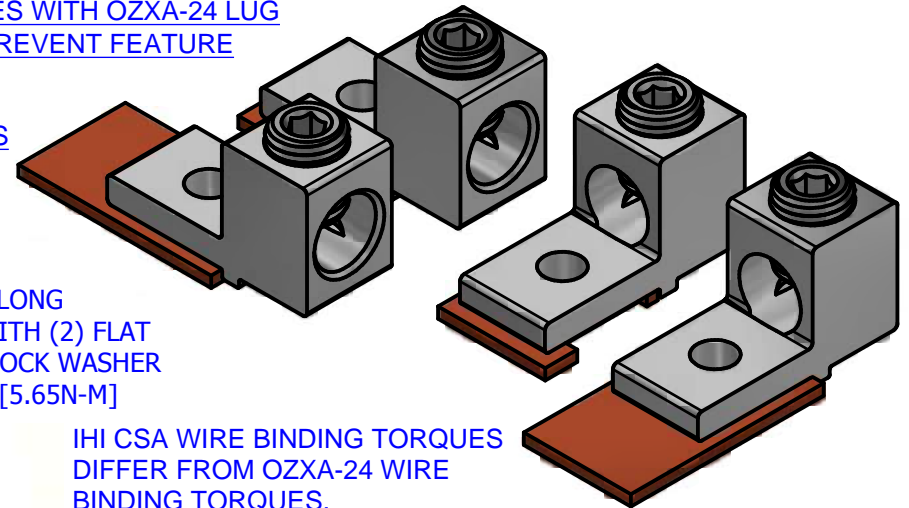
*ABB IS REGISTERED TRADEMARK OF ABB. IHI® CONNECTORS® IS NOT AFFILIATED WITH ABB.

**S2-0-TP-27-44-HEX BOLTING
INSTRUCTIONS**

PURCHASE SEPARATELY

1 PER LUG : 1/4-20 x 3/4" OR 1" LONG

**GRADE 5 HEX CAP HEAD BOLT WITH (2) FLAT
WASHERS, 1 NUT, AND 1 SPLIT LOCK WASHER
TIGHTEN TO 50 IN-LBS TORQUE [5.65N-M]**



**IHI CSA WIRE BINDING TORQUES
DIFFER FROM OZXA-24 WIRE
BINDING TORQUES.**

**UL RATED ALTERNATE 120IN-LBS WIRE BINDING
TORQUES. SEE S2/0 AGENCY LABEL FOR DETAILS.**

UL CSA RATED WIRE SIZES, CLASSES AND BINDING SCREW TORQUE



**Pressure Terminal
Connectors
NRTL Cat. No.
S2/0**

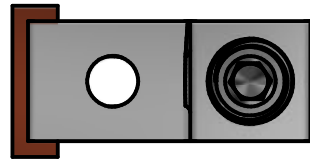
2/0-14 AL9CU @

90° @

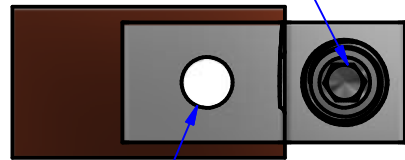
Wire Size Copper (solid to semi-rigid stranded and metric mm², #)	All Torque in in-lbs. For N-M divide by 8.85.		
	Wire Size FLEX Copper (#)	Wire Size aluminum	Torque (all drive means)
N/A	1/0-1	N/A	75
N/A	1-4	N/A	55
2/0-3@	4-8	2/0-3@	50@
4-6@	8-10	4-6@	45@
8@	10-14	8@	40@
10-14@	N/A	10-12@	35@

(#) FLEX - covers stranding classes within G, H, I/DLO,
Metric class5 and K/MTW.(##) mm2 sizes within
AWG/kcmil ranges are included.
@ UL ONLY: Alternate torque 120in-lbs, 2/0-14 AWG,
CUTAL, 75°C, NOT FLEX WIRE (#), Hex socket screw

<http://www.lugsdirect.com/GuideToFlexFlexibleFineStrandedWireCableMechanicalLugsFAQ.html>

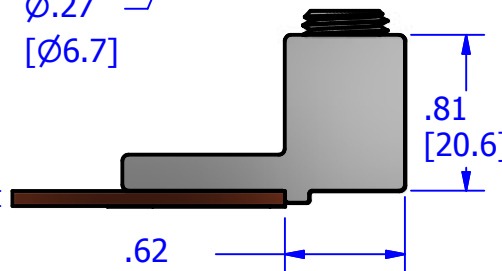


3/16" HEX SKT.



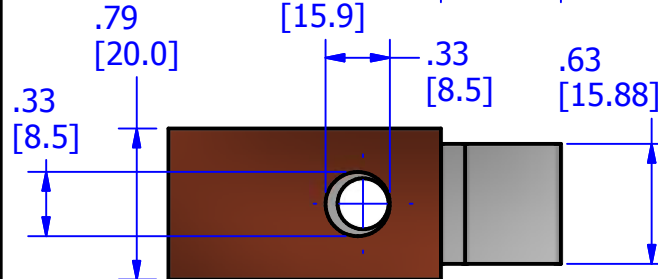
**Ø.27
[Ø6.7]**

**.079
[2.00]**



**.62
[15.9]**

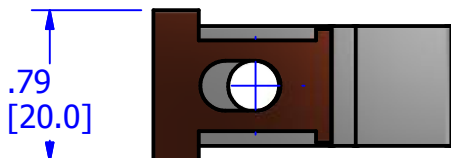
**.63
[15.88]**



**IHI LUG PART NO.
S2-0-TP-27-44-HEX FITS *ABB 100
AMP SWITCHES / DISCONNECTS
NOT UL98 OR UL508 RATED OR
TESTED WITH ABB SWITCHES.
IT IS THE CUSTOMER'S
RESPONSIBILITY TO GET TESTING
AND APPROVAL FOR USE IN ABB
SWITCHES
COMPARE TO OZXA-24 LUG KIT
USE BARRIERS WHERE
APPROPRIATE TO MAINTAIN
POLE SEPARATION**



LONG STYLE 100A BUS TAB ROUND MOUNTING HOLE



**.79
[20.0]**

SHORT STYLE 100A BUS TAB, OVAL HOLE AND CUT OUTS

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**GENERAL TOLERANCES
±.015 (±0,39)**

**MATERIAL:
6061-T6**

**FINISH:
TIN PLATED**

**IHI CONNECTORS INTERNATIONAL
HYDRAULICS, INC.**

**TITLE: IHI LUG FOR ABB 100AMP
SWITCHES & DISCONNECTS
IHI S2-0-TP-27-44-HEX**

SIZE: A **DRAWN BY: cridley** **DWG NO.: ABB OS100-IHI LUG** **REV: 2**

DATE: 1-4-2021 **Rev 1. 12-12-2023** **Rev 2. 7-15-2024**