

TYPE GSTUD-HY

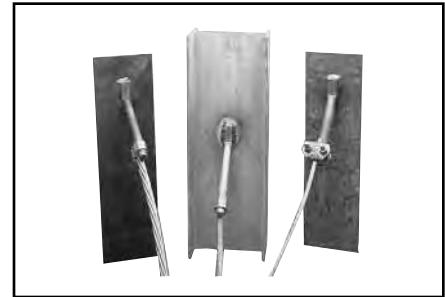
VERSITAIL™

Structural Steel Grounding Connector

INSTALLATION

E-22

1. Weld the VERSITAIL™ to the steel member.
2. Select the proper connector for your specific application.
 - a. FOR COMPRESSION CONNECTORS
Select the proper BURNDY® “YGHP;” connector. Clean the conductor, join the VERSITAIL™ and the grounding conductor together with the recommended tool and die set, then crimp the connector over the knurled area of the VERSITAIL™.
 - b. FOR MECHANICAL CONNECTORS
Select the properly sized BURNDY® connector. Clean the conductor, then apply PENETROX™ E oxide inhibiting compound on the contact area for increased effectiveness and service life. Put the connector over the knurled area of the VERSITAIL™ and apply the recommended torque value for correct installation.

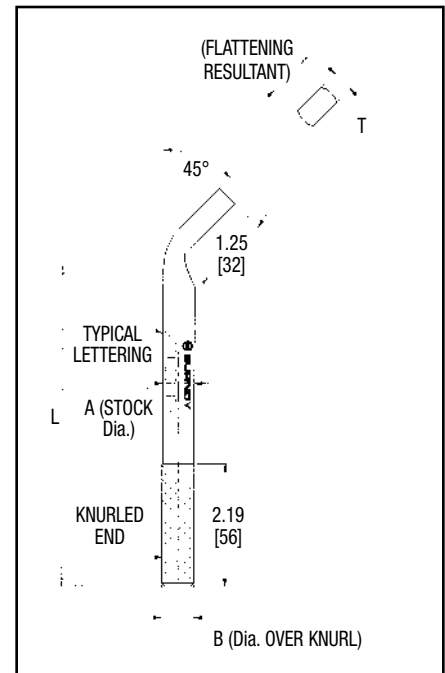


FEATURES

- The VERSITAIL™ may be welded to steel surfaces quickly and easily with normal construction equipment.
- The VERSITAIL™ eliminates costly disk grinding and the need to expose virgin metal. The welding process burns through the oxidation and “scale” to establish excellent electrical grounding continuity.
- The VERSITAIL™ may be installed by the welder in the field or at the steel fabricator based on customer preference.
- The VERSITAIL™ pure copper coating over low carbon, hot rolled steel is compatible with standard welding processes. No toxic gasses are generated.
- The VERSITAIL™ knurled surface is copper plated and specifically designed to ensure excellent mechanical gripping and electrical integrity for BURNDY® compression and mechanical connectors in all grounding applications.
- The VERSITAIL™ may be installed during adverse weather conditions thus eliminating costly construction delays.

SPECIFICATIONS

- Low Carbon, hot rolled steel.
- Pure copper plated finish.



BENEFITS

- Low installation cost.
- No drilling . . . No cleaning . . .
- No special preparation

Catalog Number	Nom. Rod Size	Dimensions				Electrical Equivalent Copper Conductor Size (AWG)*
		A	B	L	T	
		In. [mm]	In. [mm]	In. [mm]	In. [mm]	
GSTUD14HY	1/4"	.25 [6.3]	.26 [6.6]	4.81 [122.2]	.19 [4.8]	#6
GSTUD38HY	3/8"	.38 [9.7]	.39 [9.9]	5.81 [147.6]	.25 [6.4]	#3
GSTUD916HY	5/8"	.56 [14.2]	.57 [14.5]	5.68 [144.3]	.38 [9.7]	1/0
GSTUD34HY	3/4"	.75 [19.0]	.76 [19.3]	5.81 [147.6]	.51 [13.0]	4/0

* This is the equivalent rating for continuous service. Larger conductors may be connected using both compression and bolted connectors in potential ground fault applications.

Blue highlighted items are industry standard and most frequently ordered.