

**DIP Fittings:** Mega lugs and their accessory kits shall be as manufactured by **EBAA Iron, Inc.** or an approved equal which shall meet the following Standards:

- Each gland shall include one mechanical restraining gland as manufactured by EBAA Iron, Inc, Series 1100, or equal, sacrificial zinc anode hex head caps of one - half of the number of T- head bolts in each gland pack, one rubber gasket and the proper number of T - head bolts and nuts for the mechanical joint sizes shown on the order.
- For sizes 4 to 12 inches, package all gland materials to make one joint and mark each package to specify its weight and contents.
- Each gland shall be clearly marked with a “batch serial number”. The “batch serial number” will allow the utility to identify the date of manufacture, plant and identify what ladle of metal was used to cast the gland . The vendor must be able to provide metallurgical reports for any specific gland based on the “batch serial number” that must be cast into the gland. The “batch serial number” must not be encoded and easily converted using common methods, such as the Julian Day.
- Each restraining gland shall have the following weights and have no less than the number wedges listed below. All wedges will be “auto - torquing” or designed such that the nut on the actuating bolt will separate at the manufacturers intended torque for to properly set the wedge. After being set, the actuating bolts will have a smaller remaining head that will allow for the disassembly of the joint.

Size	Minimum Weight	Number of Wedges	¾” Bolt Length
4	7	2	4
6	12	3	4
8	16	3	4.5
10	24	6	4.5
12	33	8	4.5

- The restraining gland shall be properly prepared and coated with a TGIC polyester - based coating. The gripping wedges and actuating bolts shall be properly prepared and coated with a Xylan Flourpolymer coating.

## ENGINEERING STANDARDS 2015

REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	APPROVED PRODUCT LIST	
BY	DATE			DATE: SEP 2007 DWG. NO.
		SCALE: N.T.S.		<b>520-2</b>