



# EZ Torque® Gasket Installation Instructions

1. Verify that the gasket surface of the header box plug sheet is clean, free of debris, and devoid of any visible surface imperfections.
2. Carefully slide the EZ Torque gasket evenly over the shoulder plug threads. **DO NOT** force the gasket over the threads.
3. Thread the shoulder plug into the header plug sheet by hand to ensure the gasket remains properly centered and to prevent damage to the threads.
4. **DO NOT** use an impact tool to install or run up the shoulder plug when an EZ Torque gasket is used.
5. Torque the shoulder plug in accordance with the recommended torque specifications.

**Note:** Industry best practices recommend that all shoulder plugs be re-torqued after the unit has completed a full heating and cooling cycle.



**\* MINIMUM TORQUE VALUES FOR AISI 1008 MATERIAL - CONSULT FACTORY FOR OTHER MATERIAL VALUES**

TUBE O.D. (in.)	"A" PLUG THREAD O.D. (in.)	TYPICAL U.N.F. THREAD	"B" LENGTH UNDER **HEAD	HEX SIZE	FLAT GASKET		EZ TORQUE® GASKET	
					STOCK #	TORQUE FT/LBS	STOCK #	TORQUE FT/LBS
.625"	.75"	16	.75" - 1.50"	1"	SP - G - 0750 - "<>"	200	SP - G - EZ - 0750 - "<>"	*90 - 130
.75"	.875"	14		1.125"	SP - G - 0875 - "<>"	265	SP - G - EZ - 0875 - "<>"	*130 - 180
.875"	1"	12		1.25"	SP - G - 1000 - "<>"	300	SP - G - EZ - 1000 - "<>"	*150 - 200
1"	1.125"			1.375"	SP - G - 1125 - "<>"	395	SP - G - EZ - 1125 - "<>"	*160 - 210
1.125"	1.25"			1.50"	SP - G - 1250 - "<>"	490	SP - G - EZ - 1250 - "<>"	*230 - 310
1.25"	1.375"			1.625"	SP - G - 1375 - "<>"	580	SP - G - EZ - 1375 - "<>"	*290 - 380
1.375"	1.50"			1.75"	SP - G - 1500 - "<>"	690	SP - G - EZ - 1500 - "<>"	*330 - 450
1.50"	1.625"			1.875"	SP - G - 1625 - "<>"	800	SP - G - EZ - 1625 - "<>"	*400 - 530
1.625"	1.75"			2"	SP - G - 1750 - "<>"	900	SP - G - EZ - 1750 - "<>"	*450 - 600
1.75"	1.875"			2.125"	SP - G - 1875 - "<>"	1000	SP - G - EZ - 1875 - "<>"	*540 - 700
1.875"	2"			2.25"	SP - G - 2000 - "<>"	1100	SP - G - EZ - 2000 - "<>"	*610 - 810
2"	2.125"			2.375"	SP - G - 2125 - "<>"	1200	SP - G - EZ - 2125 - "<>"	*680 - 910

\* Torque values based on proper installation. \*\* Typically stocked lengths

**Substitute the suffix "<>" with the following material code:**

- |                  |                 |                          |
|------------------|-----------------|--------------------------|
| C = Carbon Steel | Y = Chrome/Moly | H = Hastelloy            |
| B = Brass        | M = Monel       | Z = Zirconium            |
| S = 316 SS       | I = Inconel     | *Other alloys available. |
| J = 70/30 CuNi   | N = Nickel 200  |                          |
| K = 90/10 CuNi   | T = Titanium    |                          |

Note 1: All values listed in Ft / lbs are recommended minimum torque values

Note 2: The Recommended Minimum Torque Values for the Flat Gaskets are based on ideal sealing surface conditions, meeting ASME Specs. Typically encountered surface area imperfections do not affect the values given for EZ Torque® Gaskets.

Note 3: The Minimum Recommended Torque Values given for EZ Torque® Gaskets are higher than the Theoretical Torque Values to ensure Thread Locking.

**Available Coatings:** Cadmium, Electroless Nickel, Galvanized, Nickel, Zinc or Uncoated. Other coatings available.

**WARNING:** Never stand in front of an installed plug under pressure. Plugs ejected under pressure can cause serious bodily injury.