



SHOULDER / HEADER PLUGS

Made for Header Boxes on Air-Cooled Exchangers



Shoulder plugs, also called header plugs are used in air cooled heat exchangers or fanned aerial coolers to seal the ends of piping systems. They are threaded into the plug sheet of the header box which allows access for inspection, cleaning, and if necessary, plugging leaking tubes. Air-cooled heat exchangers are used extensively throughout the oil and gas industry, from upstream production to refineries, petrochemical and power plants. Spare plugs and gaskets may be needed to replace originals during routine maintenance or repairs.



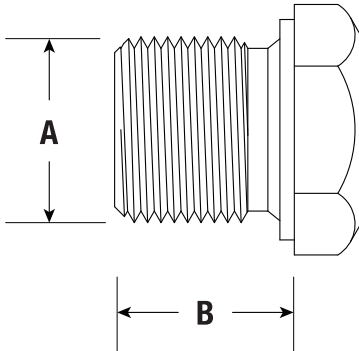
Available in the following metals:

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

Available with the following platings or coatings:

- Cadmium
- Electroless Nickel
- Galvanized
- Nickel
- Zinc or Uncoated.
- * Other coatings available.

- Stocked in Sizes 5/8" - 2"
- Custom Sizes Available Upon Request
- Length Under Head Available from 3/4" - 3"
- Production Capacity of 1,000+ Plugs Daily
- Rapid Delivery on Custom Sizes / Materials
- Will Customize to Your Exact Specifications
- NO Minimum Order Quantity
- In-stock Plugs Ship Same Day





BE SURE TO
ASK US ABOUT
OUR FLAT AND
EZ TORQUE®
GASKETS

USA INDUSTRIES' EZ TORQUE SURE SEAL GASKETS

HEADER / SHOULDER PLUG SIZING CHART

TYPICAL O.D. (in.)	"A" PLUG DIAMETER (in.)	TYPICAL U.N.F. THREAD	"B" LENGTH UNDER **HEAD	HEX SIZE
5/8	3/4	16	3/4 - 1-1/2	1
3/4	7/8	14		1-1/8
7/8	1	12		1-1/4
1	1-1/8			1-3/8
1-1/8	1-1/4			1-1/2
1-1/4	1-3/8			1-5/8
1-3/8	1-1/2			1-3/4
1-1/2	1-5/8			1-7/8
1-5/8	1-3/4			2
1-3/4	1-7/8			2-1/8
1-7/8	2			2-1/4
2	2-1/8			2-3/8

When Ordering Specify:

- Plug Threaded Hole Size (Plug Diameter - see Sizing Chart)
- UNF Size (Threads per Inch)
- Length Under Head
- Metal / Material of Construction
- Coating
- Quantity Needed
- Delivery Date Needed By

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

For more information on USA Industries products, contact us at (713) 941-3797 or go to www.USAINdustries.com