

Thomson

# SHOULDER PLUGS & GASKETS

Shoulder Plugs and Gaskets for air cooled heat exchangers/Fin Fan air coolers.

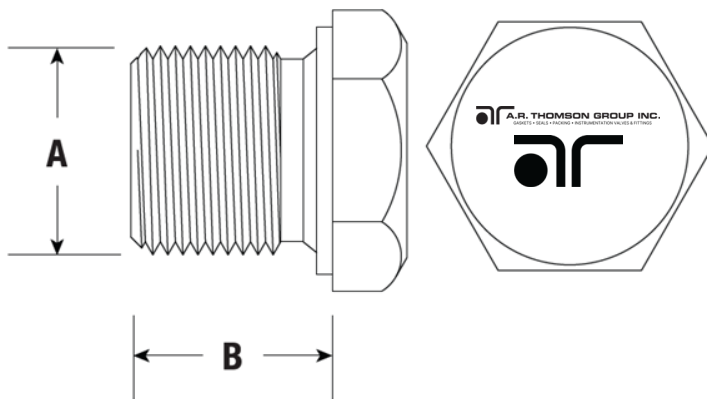
AR Thomson Group supplies shoulder plugs and gaskets which are required to seal the ends of piping systems in air cooled heat exchangers. Air cooled heat exchangers are commonly used in upstream oil and gas production facilities where spare parts may be needed to replace originals during routine site maintenance and turnaround activities. Shoulder plugs serve the critical function of sealing the tube ends of the heat exchanger, preventing any loss of process fluids thus ensuring optimal performance. Gaskets are used under the head of the shoulder plug to further enhance load distribution and fluid containment across the entire heat exchanger system.



Shoulder plugs and gaskets are available in a wide variety of materials:

- Carbon steel
- Monel
- Nickel 200
- 316SS
- Inconel
- Hastelloy C276
- 304SS
- Duplex 2205
- Titanium

*\*Gaskets are available in flat washer and Cammprofile styles.*



# SHOULDER PLUG SIZING CHART

Tube Diameter (in)	“A” Plug Diameter (in)	Typical U.N.F. Thread	“B” Length Under Head	Hex Size (in)
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
2-1/8	2-1/4			2-1/2



Limitation of liability: actual performance may vary and is determined by factors unique to a given application. It is recommended that care be taken in the selection and application of materials for hazardous services and controlled testing be undertaken to determine suitability for a specific application. A.R. Thomson Group does not make or imply any warranty of suitability for a particular purpose and is not liable for any damages arising from the use of the information in this sheet.



Locations across Canada to serve you. For your nearest branch, please visit: [www.arthomson.com](http://www.arthomson.com)  
 Copyright © A.R. Thomson Group - All rights reserved.