

Torq N' Seal®

Heat Exchanger Tube Plugs

High Pressure Plugs

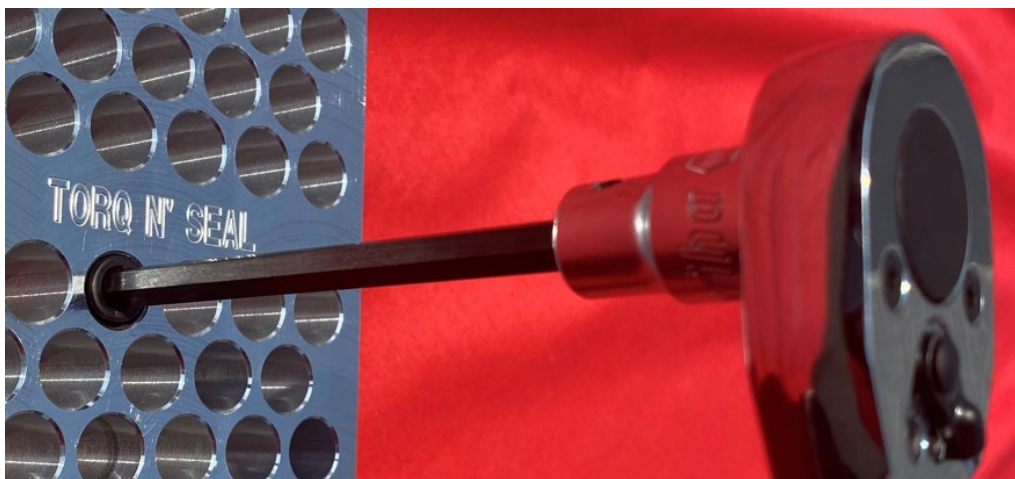
Fast, Simple, and Effective!

Seal Tubes to 7,000 PSI

The Torq N' Seal® Heat Exchanger Tube Plug is a solid one-piece mechanical plug that expands to create a metal-to-metal seal **up to 7,000 psi**. These plugs meet all relevant specs including ASME B31.3, ASME PCC-2, ASME Section VIII Div 1, CSA B51, CSA Z662, and ASME Section III Nuclear (10 CFR 50).

Simple and Fast Installation

Torq N' Seal® plugs are **installed in under 60 seconds each** with a hand operated torque wrench. There is no need for specialized pumps or welding equipment. **Installation is FAST, SIMPLE, and EFFECTIVE!**



Available in Any Material, Any Time

With a huge inventory, Torq N' Seal® plugs are **available right off the shelf for immediate delivery**. Whether your tubes are Brass, Carbon Steel, Stainless Steel, Duplex, Hastelloy, Zirconium, Inconel or any other exotic material, **there is a Torq N' Seal® plug for your application**.



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Torq N' Seal®

Heat Exchanger Tube Plugs

TORQ N' SEAL® Plug Selection Chart					
5/8" Tube OD			3/4" Tube OD		
BWG	Tube ID	Part #	BWG	Tube ID	Part #
12 (0.109")	0.407"	TNS-400-*	12 (0.109")	0.532"	TNS-530-*
13 (0.095")	0.435"	TNS-430-*	13 (0.095")	0.560"	TNS-560-*
14 (0.083")	0.459"	TNS-450-*	14 (0.083")	0.584"	TNS-580-*
15 (0.072")	0.481"	TNS-480-*	15 (0.072")	0.606"	TNS-600-*
16 (0.065")	0.495"	TNS-490-*	16 (0.065")	0.620"	TNS-620-*
17 (0.058")	0.509"	TNS-500-*	17 (0.058")	0.634"	TNS-630-*
18 (0.049")	0.527"	TNS-520-*	18 (0.049")	0.652"	TNS-650-*
19 (0.042")	0.541"	TNS-540-*	19 (0.042")	0.666"	TNS-660-*
20 (0.035")	0.555"	TNS-550-*	20 (0.035")	0.680"	TNS-680-*
21 (0.032")	0.561"	TNS-560-*	21 (0.032")	0.686"	TNS-680-*
22 (0.028")	0.569"	TNS-560-*	22 (0.028")	0.694"	TNS-690-*

* Insert alloy designation: (BR) Brass, (CS) Carbon Steel, etc. [Enquire for more]

Suffix*	Tube Material
CS	Carbon Steel
BR	Brass
316SS	316 Stainless Steel
TI	Titanium
DP	Duplex
SDP	Super Duplex
IN	Inconel
C276	Hastelloy C276
F11	A182-T11
MN	Monel
70CN	70/30 Copper Nickel
90CN	90/10 Copper Nickel
304SS	304 Stainless Steel
321SS	321 Stainless Steel

TORQ N' SEAL® Plug Selection Chart					
7/8" Tube OD			1" Tube OD		
BWG	Tube ID	Part #	BWG	Tube ID	Part #
12 (0.109")	0.657"	TNS-650-*	12 (0.109")	0.782"	TNS-780-*
13 (0.095")	0.685"	TNS-680-*	13 (0.095")	0.810"	TNS-810-*
14 (0.083")	0.709"	TNS-700-*	14 (0.083")	0.834"	TNS-830-*
15 (0.072")	0.731"	TNS-730-*	15 (0.072")	0.856"	TNS-850-*
16 (0.065")	0.745"	TNS-740-*	16 (0.065")	0.870"	TNS-870-*
17 (0.058")	0.759"	TNS-750-*	17 (0.058")	0.884"	TNS-880-*
18 (0.049")	0.777"	TNS-770-*	18 (0.049")	0.902"	TNS-900-*
19 (0.042")	0.791"	TNS-790-*	19 (0.042")	0.916"	TNS-910-*
20 (0.035")	0.805"	TNS-800-*	20 (0.035")	0.930"	TNS-930-*
21 (0.032")	0.811"	TNS-810-*	21 (0.032")	0.936"	TNS-930-*
22 (0.028")	0.819"	TNS-810-*	22 (0.028")	0.944"	TNS-940-*

* Insert alloy designation: (BR) Brass, (CS) Carbon Steel, etc. [Enquire for more]

Assume 1" OD x 18 BWG Carbon Steel (CS) Tube = 0.902" ID
Part Number = TNS-900-CS

