

# Torq N' Seal® Plug

## Data Sheet

JNT Technical Services Inc.

[www.torq-n-seal.com](http://www.torq-n-seal.com)

### Operating Specifications

Max. Temp. – Equiv. to tube material

Max. Press. - 6,500 psi (442 Atm) (44,815 Kpa)

Materials of Manufacture:

Alloy (*Stock)	AISI	ASTM
* Carbon Steel (CS)	12L14	A108
* Admiralty Brass (BR)	C46400	B171
* 316 Stainless Steel (SS)	316	S276
Carbon Steel (CS1018)	1018	A108-13
Carbon Steel (CSF22)	F22	A182-F22
Carbon Steel (CSF11)	F11	A182-F11
Stainless Steel (SS303)	303	S582
Stainless Steel (SS304)	304	S582
Stainless Steel (SS410)	410	S410
Stainless Steel (SS347)	347	S347
Cu Nickel 90/10 (CuNi)	C70600	SB151
Cu Nickel 70/30 (CuNi73)	C71500	B122
Titanium (TIGr2)	Gr. 2	SB348
Duplex (DUP)	2205	A240
Super Duplex (SDUP)	2507	A240
Incoloy 825 (IN825)	825	B425
Inconel 718 (IN718)	276	B637
Monel 400 (MON400)	400	SB164
Hastelloy 276 (HAS276)	276	B574

### Installation:

Hex Capture Driver: ¼" (.410"- .560") 5/16" (.570"- .710") 3/8" (.720"-1.150")

Applied Torque:

❖ Carbon Steel/ Brass/ Cupro Nickel

250 in. lbs. (.410"- .560") 350 in.lbs.(.570"- .710") 450 in. lbs (.720"-1.150") 600 in. lbs. (1.00"-1.50")

❖ Stainless/ Monel/ Titanium/ Duplex

350 in. lbs. (.410"- .560") 500 in.lbs.(.570"- .710") 600 in. lbs (.720"-1.00") 750 in. lbs. (1.00"-1.50")

Installation Instructions: <http://www.torq-n-seal.com/install.htm>

### TORQ N' SEAL® Plug Selection Chart (Special sizes available upon request)

3/8" Drive (in Torque Wre

5/8" Tube Ga. (ID)	Torq N' Seal Part Number	3/4" Tube Ga. (ID)	Torq N' Seal Part Number	7/8" Tube Ga. (ID)	Torq N' Seal Part Number	1" Tube Ga. (ID)	Torq N' Seal Part Number
12 (.407)	TNS\410-.430 (*)	12 (.532)	TNS\530-.550 (*)	12 (.657)	TNS\650-.670 (*)	12 (.782)	TNS\780-.800 (*)
13 (.435)	TNS\430-.450 (*)	13 (.560)	TNS\550-.570 (*)	13 (.685)	TNS\690-.710 (*)	13 (.810)	TNS\800-.820 (*)
14 (.459)	TNS\450-.470 (*)	14 (.584)	TNS\570-.590 (*)	14 (.709)	TNS\710-.730 (*)	14 (.834)	TNS\840-.860 (*)
15 (.481)	TNS\470-.490 (*)	15 (.606)	TNS\610-.630 (*)	15 (.731)	TNS\730-.750 (*)	15 (.856)	TNS\860-.880 (*)
16 (.495)	TNS\490-.510 (*)	16 (.620)	TNS\610-.630 (*)	16 (.745)	TNS\750-.770 (*)	16 (.870)	TNS\860-.880 (*)
17 (.509)	TNS\510-.530 (*)	17 (.634)	TNS\630-.650 (*)	17 (.759)	TNS\750-.770 (*)	17 (.884)	TNS\880-.900 (*)
18 (.527)	TNS\530-.550 (*)	18 (.652)	TNS\650-.670 (*)	18 (.777)	TNS\780-.800 (*)	18 (.902)	TNS\900-.920 (*)
19 (.541)	TNS\550-.570 (*)	19 (.666)	TNS\670-.690 (*)	19 (.791)	TNS\780-.800 (*)	19 (.916)	TNS\920-.940 (*)
20 (.555)	TNS\550-.570 (*)	20 (.680)	TNS\670-.690 (*)	20 (.805)	TNS\800-.820 (*)	20 (.930)	TNS\920-.940 (*)
21 (.561)	TNS\570-.590 (*)	21 (.686)	TNS\690-.710 (*)	21 (.811)	TNS\820-.840 (*)	21 (.936)	TNS\940-.960 (*)
22 (.569)	TNS\570-.590 (*)	22 (.694)	TNS\690-.710 (*)	22 (.819)	TNS\820-.840 (*)	22 (.944)	TNS\940-.960 (*)