T-Bolt Class and Pressure Ratings

Closure Size	Class 75 Carbon Steel	Class 75 Stainless Steel**	Class 150 Carbon Steel	Class 150 Stainless Steel**	Class 300 Carbon Steel	Class 300 Stainless Steel**
6	-	-	320	320	510	510
8	-	-	185	185	390	390
10	115	115	245	245	365	365
12	170	170	255	255	380	380
14	140	140	210	210	365	365
16	105	105	185	185	385	380
18	125	125	185	185	375	365
20	100	100	175	175	355	345
22	100	100	200	195	330	320
24	115	105	190	190	310	305
26	115	105	180	180	265	255
28	110	100	190	190	255	245
30	105	95	180	180	240	235
32	100	90	175	160	210	190
34	150	135	170	165	205	200
36	120	110	165	160	185	180
38	125	115	175	170	-	-
40	105	95	170	165	-	-
42	110	100	165	160	-	-
48	120	120	135	130	-	-

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T-Bolt Closures

T-Bolt Closure is designed expressly for low- to medium-pressure applications. It is lighter, less expensive and much more convenient than blind flanges and job-fabricated closure devices.

US made at our ASME facility in Louisville, KY

Made with US steel; Complies with Buy America Provisions

Standard 4-week delivery

SYPRIS® TECHNOLOGIES
Tube Turns Division

www.stantonsales.net

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Size and Ratings

Standard Tube Turns T-Bolt Hinged Closures are furnished in carbon steel, stainless steel, & other alloys. Sizes range from 6” thru 66”.

Internal (Wetted) Materials:
Carbon Steel (ex. SA516-70), Stainless Steel (ex. SA240-304, 304L, 316, 316L), Duplex Stainless Steel (ex. SA240-S31803), Inconel (ex. SB168-N0660), etc.

External Materials:
Carbon Steel, Stainless Steel, etc.

Pressure Warning Feature

The holding lugs are mounted on the closure head at an angle of approximately 10 degrees. If there is pressure in the vessel while it is being opened, initial turns of the bolts permit the head to lift slightly and the contained fluid escapes, alerting the operator to possible danger.

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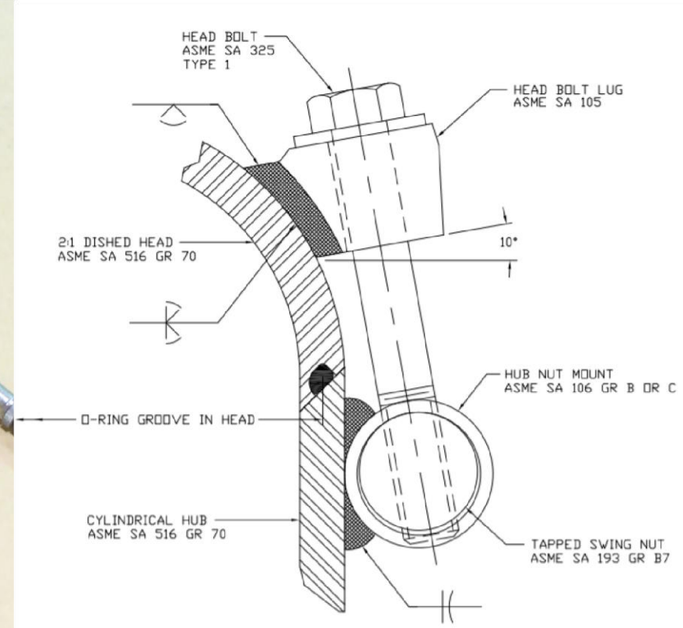

Break-Over Wrenches

The Break-Over Wrench Lug is welded to the T-Bolt (head bolt) and a handle is inserted over this lug. A pin is then inserted through the handle and the lug allowing the handle to act as a wrench and making the Break-Over Wrench an integral part of the T-Bolt Assembly.

Cam-Lock Assemblies

In a Camlock Assembly, components replace the tapped swing nut (in the hub nut mount).The Camlock bolting unit consists of a high strength eye bolt that is pinned through an eccentric cam to provide the necessary clamping action. The caming action is adjustable by moving the adjustable nut at the threaded end of the eye bolt.

Applications

1. Manways for storage tanks, mixing vessels, filters, separators and other batch equipment.

2. Caps for inspection ports and other access openings on towers and reactors.

3. Handholes on processing equipment and medical or laboratory apparatus such as hyperbaric chambers.

O-Ring Material

“Buna-N” is the standard 0-ring gasket material. For services above 250F or where special corrosive conditions are to be encountered,0-rings of “Viton”,Silicone Rubber, “Neoprene’ Ethylene Propylene,“Teflon Encapsulated”(Viton or Silicone Core) can be furnished at an extra charge.