

## Tapered Pipe Fittings



### 1 CLEAN AND INSPECT

Before installation, both male and female threads must be examined and cleaned of any foreign substance or burrs.



### 2 APPLY SEALANT / LUBRICANT

A sealant/lubricant is highly recommended. First, it enhances sealing by filling any voids in the threads. Second, it reduces the potential for galling or seizing if the threads are forced together by over-tightening. If galling occurs, the threads are damaged and may not seal. This damage also prevents disassembly and reassembly.



Recommended sealant/lubricants are graphite impregnated Teflon tape, Vibraseal, and pastes and anaerobic liquids that are specifically manufactured for use with stainless steel threads. Apply the chosen sealant/lubricant according to the manufacturer's instructions. If using tape, wrap the tape opposite the thread direction so it does not come unwrapped during installation.

### 3 MANUAL THREADING

By hand, carefully thread the fitting into the mating port. Screw together until "finger tight" or slight resistance is felt.



### 4 FINAL INSTALLATION

Mark the hex for reference. Continue turning with a wrench. Turn the number of 360 degree rotations indicated in the following table.

Pipe Thread Size	Full 360° Turns After Finger Tight
1/8 - 27	2 - 3
1/4 - 18	2 - 3
3/8 - 18	2 - 3
1/2 - 14	2 - 3
3/4 - 14	2 - 3
1 - 11 1/2	1 1/2 - 2 1/2
1 1/4 - 11 1/2	1 1/2 - 2 1/2
1 1/2 - 11 1/2	1 1/2 - 2 1/2
2 - 11 1/2	1 1/2 - 2 1/2

