

Koncentrik Unions

Installation Instructions

1. Snap Ring Installation

Perform welding operations, as needed, before installing teflon snap-ring. Welding temperatures will melt snap-ring.

Install teflon snap-ring into groove on tail piece. Work snap-ring evenly into groove. Inspect the seal to ensure an even band of metal is around the ring and in place.



2. Install Nut

Draw union nut over tail piece.



3. Alignment

Align tube or pipe run to within 3° of union centerline.



4. Manual Threading

Tighten by hand until finger tight (approximately 30 in. lb.)
Make a longitudinal mark on one of the flats of the union nut hex and continue it on to either the tail piece or thread piece.



5. Final Assembly

Finish installation by tightening the joint with wrench until the appropriate flats or torque value is reached.

Installation Torque

Size(s)	Flats From Finger Tight	Ft. Lbs.
4	1 1/2 - 2	60 - 65
6	1 1/2 - 2	60 - 65
1/8", 1/4", 10	1 1/4 - 1 3/4	60 - 65
1/2", 12	1 1/4 - 1 3/4	65 - 75
3/4", 16	1 - 1 1/2	65 - 75
20	1 - 1 1/2	65 - 75
1", 24	3/4 - 1	65 - 75
1 1/4"	3/4 - 1	65 - 75
1 1/2", 32	1/4 - 1/2	65 - 75
2	1/4 - 1/2	65 - 75



To Disassemble

Carefully remove teflon snap-ring without damaging metal taper angle on tail piece. Reinstall new snap-ring as indicated in Step 1.

