

Style 75 - Flexible Coupling

Style 77 - Flexible Coupling - Two Segments for 24-inch/610-mm and Smaller Sizes

Style 77A - Flexible Aluminum Coupling

Style 77S - Flexible Stainless Steel Coupling

Style 77DX - Flexible Stainless Steel Coupling for Duplex and Super Duplex Pipe

Style 475 - Flexible Stainless Steel Coupling

Style 475DX - Flexible Stainless Steel Coupling for Duplex and Super Duplex Pipe



WARNING



- Read and understand all instructions before attempting to install any Victaulic piping products.
- Depressurize and drain the piping system before attempting to install, remove, or adjust any Victaulic piping products.
- Wear safety glasses, hardhat, and foot protection.

Failure to follow these instructions could result in serious personal injury, improper product installation, and/or property damage.

NOTICE

- The following installation steps feature photos of a Style 77 Coupling. However, the same installation steps apply to Styles 75, 77A, 77S, 77DX, 475, and 475DX Couplings in the size ranges listed above.



CAUTION

- Make sure the gasket does not become rolled or pinched while installing the housings.
- Failure to follow this instruction could cause damage to the gasket, resulting in joint leakage.

1. Follow steps 1 – 4 of the “Preparatory Steps for Coupling Installation” section.

NOTICE

For Styles 475/475DX Couplings Only:

- Styles 475/475DX Couplings have a tongue-and-recess feature at the bolt pads. The housings' tongue and recess features must be mated properly (tongue in recess).



2. **INSTALL HOUSINGS:** Install the housings over the gasket. Make sure the housings' keys engage the grooves completely on both pipe ends. Refer to the notice above for Styles 475/475DX Couplings.

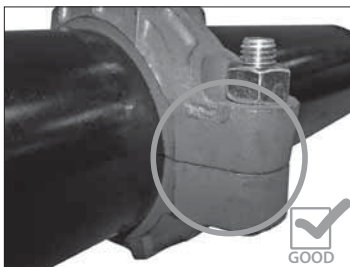


3. **INSTALL BOLTS/NUTS:** Install the bolts, and thread a nut finger-tight onto each bolt. For couplings supplied with stainless steel hardware, apply an anti-sieze compound to the bolt threads. **NOTE:** Make sure the oval neck of each bolt seats properly in the bolt hole.

NOTICE

For 3/4 - 6-inch/26.9 - 168.3-mm Styles 77S and 77DX Flexible Stainless Steel Couplings Only:

- A flat washer must be installed under each nut.

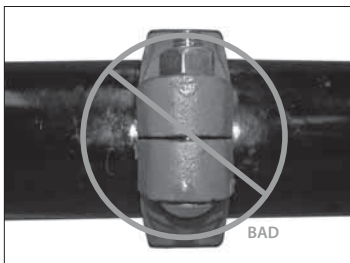


4. TIGHTEN NUTS: Tighten the nuts evenly by alternating sides until metal-to-metal contact occurs at the bolt pads. Make sure the housings' keys engage the grooves completely. **NOTE:** It is important to tighten the nuts evenly to prevent gasket pinching.

WARNING

- For proper assembly, the nuts must be tightened until metal-to-metal contact occurs at the bolt pads.
- Keep hands away from coupling openings during tightening.

Failure to follow these instructions could cause joint failure, serious personal injury, and property damage.



5. Visually inspect the bolt pads at each joint to ensure metal-to-metal contact is achieved.

Style 75, 77, 77S, and 475/475DX Helpful Information

Size		Style 75		Style 77		Styles 77S/77DX		Styles 475/475DX	
Nominal Size inches or mm	Actual Pipe Outside Diameter inches mm	Nut Size inches/ Metric	Socket Size inches/ mm	Nut Size inches/ Metric	Socket Size inches/ mm	Nut Size inches/ Metric	Socket Size inches/ mm	Nut Size inches/ Metric	Socket Size inches/ mm
¾	1.050 26.9	—	—	¾ M10	1 1/16 17	¾ M10	1 1/16 17	—	—
1	1.315 33.7	¾ M10	1 1/16 17	¾ M10	1 1/16 17	¾ M10	1 1/16 17	¾ M10	1 1/16 17
1 ¼	1.660 42.4	¾ M10	1 1/16 17	½ M12	¾ 22	¾ M10	1 1/16 17	¾ M10	1 1/16 17
1 ½	1.900 48.3	¾ M10	1 1/16 17	½ M12	¾ 22	¾ M10	1 1/16 17	¾ M10	1 1/16 17
2	2.375 60.3	¾ M10	1 1/16 17	½ M12	¾ 22	¾ M10	1 1/16 17	¾ M10	1 1/16 17
2 ½	2.875 73.0	¾ M10	1 1/16 17	½ M12	¾ 22	¾ M10	1 1/16 17	¾ M10	1 1/16 17
76.1 mm	3.000 76.1	¾ M10	1 1/16 17	½ M12	¾ 22	—	—	¾ M10	1 1/16 17
3	3.500 88.9	½ M12	¾ 22	½ M12	¾ 22	½ M12	¾ 22	½ M12	¾ 22
3 ½	4.000 101.6	½ M12	¾ 22	⅝ M16	1 1/16 27	—	—	—	—
4	4.500 114.3	½ M12	¾ 22	⅝ M16	1 1/16 27	⅝ M16	1 1/16 27	½ M12	¾ 22
108.0 mm	4.250 108.0	½ M12	¾ 22	⅝ M16	1 1/16 27	—	—	—	—

