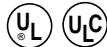


Style 99 Roust-A-Bout® Couplings

PRODUCT DESCRIPTION



1 1/2 - 12" Sizes



See Victaulic publication 10.01 for details.



14 - 18" Sizes

Style 99 Roust-A-Bout couplings are designed with heavy housings and grips to provide a strong component for joining plain and beveled end, including Schedule 80 steel pipe and Victaulic plain end fittings. Roust-A-Bout couplings are not designed for use on plastic pipe, pipe with brittle

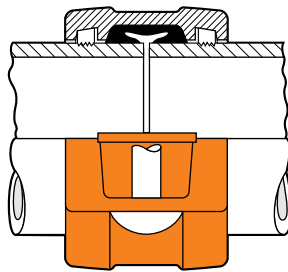
linings, cast or ductile iron pipe nor any pipe with a surface hardness greater than 150 Brinell.

Pipe is secured together by heavy jaws, which are set into the housing. The jaws provide a much greater gripping area than single spot grips.

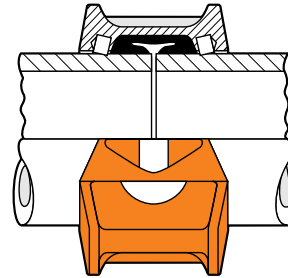
All sizes are supplied with painted housings and plated nuts and bolts. Galvanized housings are available.

⚠ WARNING

Style 99 Roust-A-Bout couplings must be assembled with nuts tightened to full torque specifications.

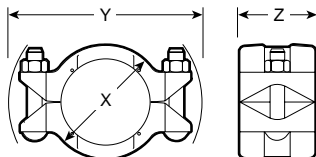


(Exaggerated for clarity)
1 1/2 - 18" Sizes

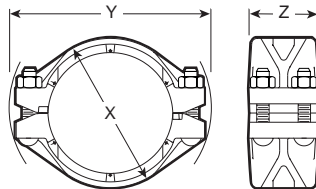


(Exaggerated for clarity)
1"; 76,1 & 139,7 mm Sizes

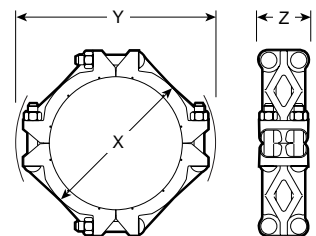
DIMENSIONS



1 - 6" sizes



8 - 12" sizes



14 - 18" sizes

Pipe Size		Max. Work Press. PSI kPa	Max. End Load Lbs.* N	Required Bolt Torque Lb. Ft.** N•m	‡ Bolt/Nut No. - Size Inches	Dimensions Inches/millimeters			Aprx. Weight Each Lbs. kg
Nominal Outside Diameter Inches/mm	Actual Outside Diameter Inches/mm					X	Y	Z	
1 25	1.315 33.7	600 4130	800 3560	35 47.5	2 - 3/8 X 2	2.56 65	4.25 108	2.25 57	1.7 0.8
1 1/2 40	1.900 48.3	750 5175	2100 9345	60 81.4	2 - 1/2 X 2 1/2	3.25 83	5.50 140	2.88 73	3.6 1.6
2 50	2.375 60.3	750 5175	3300 14685	150 203.4	2 - 5/8 X 3 1/4	3.75 95	6.75 171	3.38 86	5.3 2.4
2 1/2 65	2.875 73.0	600 4130	3890 17310	150 203.4	2 - 5/8 X 3 1/4	4.25 108	7.13 181	3.38 86	5.7 2.5
76,1 mm	3.000 76,1	400 2700	2825 12500	95 128,8	2 - 1/2 X 2 3/4	4.69 119	6.25 159	2.75 70	4.4 2,0
3 80	3.500 88,9	600 4130	5770 25676	200 271,2	2 - 3/4 X 4 1/4	5.00 127	8.50 216	3.38 86	8.7 3,9
3 1/2 90	4.000 101,6	500 3450	6280 27946	200 271,2	2 - 3/4 X 4 1/4	5.50 140	9.25 235	3.63 92	10.6 4,8
4 100	4.500 114,3	450 3100	7155 31840	200 271,2	2 - 3/4 X 4 1/4	6.13 156	10.00 254	4.00 102	12.8 5,8
139,7 mm	5.500 139,7	250 1700	5940 26440	160 217,0	2 - 3/4 X 5	7.80 200	10.75 260	3.19 81	9.0 4,1
5 125	5.563 141,3	350 2400	8500 37825	250 339,0	2 - 7/8 X 5	7.25 184	11.38 289	4.38 111	17.3 7,8
6 150	6.625 168,3	300 2065	10340 46013	250 339,0	2 - 1 X 6	8.50 216	13.38 340	4.38 111	23.2 10,5
165,1 mm	6.500 165,1	300 2065	9955 44300	250 339,0	2 - 1 X 6	8.38 213	13.25 337	4.38 111	22.2 10,1
8 200	8.625 219,1	250 1700	14600 64970	250 339,0	4 - 7/8 X 5	10.88 276	14.38 365	5.00 127	37.2 16,9
10 250	10.750 273,0	250 1700	22700 101015	300 406,8	4 - 7/8 X 5	13.38 340	16.38 416	5.00 127	48.2 21,9

Continued on page 2. See notes on page 2.

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DIMENSIONS

Pipe Size		Max. Work Press. PSI kPa	Max. End Load Lbs.* N	Required Bolt Torque Lb. Ft.** N•m	‡ Bolt/Nut No. - Size Inches	Dimensions Inches/millimeters			Aprx. Weight Each Lbs. kg
Nominal Outside Diameter Inches/mm	Actual Outside Diameter Inches/mm					X	Y	Z	
12 300	12.750 323,9	250 1700	31900 141955	350 474,6	4 - 1 X 6½	15.50 394	19.63 499	5.13 130	60.0 27,2
14 350	14.000 355,6	200 1400	30800 137060	350 474,6	8 - 1 X 6½	16.75 425	20.75 527	5.38 137	89.0 40,4
16 400	16.000 406,4	150 1000	30200 134390	350 474,6	8 - 1 X 6½	19.00 483	22.63 575	5.38 137	105.0 47,6
18 450	18.000 457,0	150 1000	38200 169990	350 474,6	8 - 1 X 6½	21.00 533	23.50 597	5.38 137	125.0 56,7

See notes below.

MATERIAL SPECIFICATIONS

Housing: Ductile iron conforming to ASTM A-395, grade 65-45-15, and ASTM A-536, grade 65-45-12.

Housing Coating: Orange enamel.

□ **Optional:** Hot dipped galvanized and others.

Jaws: Carbon steel, case hardened, electroplated, except sizes 1"; 76,1 mm and 139,7 mm, which utilize stainless steel, Type 416, hardened.

Gasket: (specify choice*)

□ **Grade "E" EPDM**

EPDM (Green color code). Temperature range -30°F to +230°F (-34°C to +110°C). Recommended for cold and hot water service within the

specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL classified in accordance with ANSI/NSF 61 for cold +86°F (+30°C) and hot +180°F (+82°C) potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.

□ **Grade "T" nitrile**

Nitrile (Orange color code). Temperature range -20°F to +180°F (-29°C to +82°C). Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Not recommended for hot water ser-

vices over +150°F (+66°C) or for hot dry air over +140°F (+60°C).

*Services listed are General Service Recommendations only. It should be noted that there are services for which these gaskets are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.

Bolts/Nuts: Heat treated carbon steel plated to ASTM B-633, track head conforming to physical properties of ASTM A-183 minimum tensile 110,000 psi (758340 kPa).

NOTES

* Working Pressure and End Load are total, from all internal and external loads, based on coupling properly assembled, with bolts fully torqued to listed specifications, on plain end or beveled end standard weight (ANSI) steel pipe and Victaulic plain end fittings. Couplings are designed to be used with plain end pipe and Victaulic plain end fittings only.

**Bolt torque ratings shown must be applied at installation.

‡ Metric thread size bolts (plated) are available (color coded) for all coupling sizes upon request. Contact Victaulic for details.

WARNING: Depressurize and drain the piping system before attempting to install, remove, or adjust any Victaulic piping products.

This product shall be manufactured by Victaulic Company. All products shall be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.