



VICTAULIC BOLTED SPLIT-SLEEVE PRODUCTS

VBSP PRICE LIST

PL2023-VBSP
Effective April 3, 2023



ENGINEERING CONFIDENCE INTO EVERY BUILD



Around the world and across diverse business lines, Victaulic provides durable pipe joining solutions that solve the construction industry's toughest challenges.

Since 1919, Victaulic's innovative piping products and design services continue to **increase construction productivity** and **reduce risk, ensuring projects are completed safely, on time and within budget.**

With more than 40 international facilities, Victaulic helps customers in 140 countries succeed in the global construction industry.

FIRE PROTECTION | HVAC | PLUMBING | OIL & GAS | MINING | WATER & WASTEWATER | POWER GENERATION | MARITIME



victaulic.com

© 2023 VICTAULIC COMPANY. ALL RIGHTS RESERVED.

Source: skyscrapercenter.com and the Council on Tall Buildings and Urban Habitat



Table of Contents

Bolted Split-Sleeve Coupling O-Ring/Gasket Selection Guide . . .	2	Style 232S Restrained Flexible Coupling for Stainless Steel Pipe Spare Parts.	44
Bolted Split Sleeve Couplings Quote Check Sheet	3	Style 233 Restrained Flexible Coupling for Dynamic Joint Deflection	46
Style 229S Non-Restrained Flexible Coupling for FRP Pipe Odor Control Systems.	5	Style 233 Restrained Flexible Coupling for Dynamic Joint Deflection Spare Parts.	50
Style 229S Non-Restrained Flexible Coupling for FRP Pipe Odor Control Systems Spare Parts	6	Style 233S Restrained Flexible Coupling for Dynamic Joint Deflection for Stainless Steel Pipe	52
Style 230 Non-Restrained Flexible Coupling	7	Style 233S Restrained Flexible Coupling for Dynamic Joint Deflection for Stainless Steel Pipe Spare Parts	55
Style 230 Non-Restrained Flexible Coupling Spare Parts	11	Style 234 Restrained Flexible Single-Gasket Coupling	57
Style 230S Non-Restrained Flexible Coupling for Stainless Steel Pipe	14	Style 234 Restrained Flexible Single-Gasket Coupling Spare Parts	60
Style 230S Non-Restrained Flexible Coupling for Stainless Steel Pipe Spare Parts.	17	Style 234S Restrained Flexible Single-Gasket Coupling for Stainless Steel Pipe	62
Style 231 Non-Restrained Flexible Expansion Coupling	19	Style 234S Restrained Flexible Single-Gasket Coupling for Stainless Steel Pipe Spare Parts.	64
Style 231 Non-Restrained Flexible Expansion Coupling Spare Parts	23	Fasteners	65
Style 231S Non-Restrained Flexible Expansion Coupling for Stainless Steel Pipe	26	Closure Tools	65
Style 231S Non-Restrained Flexible Expansion Coupling for Stainless Steel Pipe Spare Parts.	30	Terms and Conditions of Sale.	Inside Back Cover
Style 232 Restrained Flexible Coupling	33	Warranty.	Inside Back Cover
Style 232 Restrained Flexible Coupling Spare Parts.	38		
Style 232S Restrained Flexible Coupling for Stainless Steel Pipe	41		

Bolted Split-Sleeve Couplings

O-ring/Gasket Selection Guide

GRADE	TEMP. RANGE*	COMPOUND	GENERAL SERVICE GUIDELINES
O-Rings			
E	-30°F to +230°F -34°C to +110°C	EPDM	Cold and hot water within allowable temperature range; dilute acids; resistance to the deteriorative effects of ozone, oxygen, heat and most chemicals not involving hydrocarbons. NOT COMPATIBLE FOR USE WITH PETROLEUM SERVICES OR STEAM SERVICES.
L	-30°F to +350°F -34°C to +177°C	Silicone	Dry, hot air applications; resistance to many chemicals. NOT COMPATIBLE FOR USE WITH HOT WATER OR STEAM SERVICES.
I	-40°F to +160°F -40°C to +71°C	Isoprene	Water; saltwater; sewage; resistance to oxygen and dilute acids.
Gaskets			
T	-20°F to +180°F -28°C to +82°C	Nitrile	Water; petroleum products, vegetable and mineral oils; air with oil vapors within allowable temperature.
O	+20°F to +300°F -7°C to +149°F	Fluoroelastomer	Resistance to heat and most chemicals.
V	-30°F to +180°F -34°C to +82°C	Neoprene	Water and wastewater; resistance to ozone, effects of UV and some oils.

* For specific chemical and temperature compatibility, refer to the Gasket Chemical Services Guide Long Report (GSG-100) located on victaulic.com. The information shown defines general ranges for all compatible fluids.

Bolted Split-Sleeve Couplings

Victaulic Bolted Split-Sleeve Couplings Quote Check Sheet



Send inquiries to: projectcoordination@victaulic.com or fax to: 610-923-3477
To speak with a Customer Service representative in the US, please call 1-800-PICK-VIC
In Canada, please email vcoc_spr@victaulic.com or fax 905-884-9774

TO OBTAIN A QUOTE, PLEASE PROVIDE THE INFORMATION REQUESTED BELOW:

CUSTOMER CONTACT INFORMATION:

NAME:	DATE:
COMPANY:	PHONE:
ADDRESS:	FAX:
CITY, STATE, ZIP:	E-MAIL:

PROJECT INFORMATION:

PROJECT NAME:	QUOTE NEEDED BY (date):
CITY & STATE:	BID DATE:
☐ PROJECT SPEC. INCLUDED	REQUESTED SHIPPING DATE:
ENGINEERING FIRM:	CONTACT NAME:
CITY & STATE:	PHONE:

PROJECT REQUIREMENTS:

☐ Domestic Only Legislative Act:	☐ Material Traceability
☐ Material Certifications	

APPLICATION DATA:

PIPE MATERIAL:			
☐ CARBON STEEL	☐ STAINLESS STEEL	☐ DUCTILE IRON	☐ CAST IRON
☐ CONCRETE (RCCP/CPP)	☐ FIBERGLASS (FRP/GRP)	☐ HDPE (SDR: / ID)	☐ OTHER:

SERVICE DATA:			
SERVICE TYPE:	☐ Air ☐ Water ☐ Potable Water ☐ Wastewater ☐ Other:		
SERVICE PRESSURE:	Working Pressure:	Test Pressure:	Surge Pressure:
SERVICE TEMPERATURE	MIN. °F/°C:	Max. °F/°C:	



Bolted Split-Sleeve Couplings



Victaulic Bolted Split-Sleeve Couplings Quote Check Sheet

NOTE: Please fill out the information below completely as possible to ensure receiving the most accurate quote and to expedite the process.

PRODUCTS AVAILABLE FOR QUOTE:

Style 229S Non-Restrained Coupling	Style 230/230S Non-Restrained Coupling	Style 231/231S Expansion Coupling
Style 232/232S Restrained Coupling	Style 233/233S Restrained Coupling for Joint Deflection	Style 234/234S Restrained Single Gasket Coupling

COUPLING DATA:

QTY	ACTUAL PIPE OD	COUPLING STYLE #	# OF HOUSING SEGMENTS	AXIAL MOVEMENT REQUIRED (Style 231/231S only)	COMMENTS

COUPLING DETAIL REQUIREMENTS:

O-RING/GASKET MATERIAL:	Standard:	☐ EDPM	☐ Silicone	☐ Isoprene
	Optional:	☐ Nitrile	☐ Fluoroelastomer (Viton*)	☐ Neoprene
		☐ Split for field bonding (not available for Silicone)	☐ Built-In (limited availability/contact Victaulic)	☐ Other:
HARDWARE:		☐ Carbon Steel (Zinc Plated)	☐ Stainless Steel (Type 316)	☐ Other:
LINING/COATING:		☐ Tnemec 140-1211 Liquid Epoxy	☐ Corvel 10-7208 Fusion Bonded Epoxy	☐ Other:
		☐ Water Based Enamel, Black	☐ Water Based Enamel, Orange	☐ Unfinished

COUPLING OPTIONS:

STYLE 230/230S ADD-ONS:	☐ Pipe Stops	☐ Insulating Sleeves Sleeve Material (EPDM Standard):
-------------------------	-------------------------------------	---

INSTALLATION TOOLS:

MANUAL:	CTM-01 (small manual closure tool) QTY:	CTM-02 (large manual closure tool) QTY:
HYDRAULIC:	CTH-01 (10-ton hydraulic closure tool) QTY:	CTH-02 (25-ton hydraulic closure tool) QTY:

SPARE/REPLACEMENT COMPONENTS (must provide coupling data above of previous order # for reference):

☐ HARDWARE SET (B/N/W):	☐ Carbon Steel (Zinc Plated)	☐ Stainless Steel (Type 316)	☐ Other:
☐ RESTRAINT RING:	☐ Carbon Steel (ASTM A108 1018)	☐ Stainless Steel (ASTM A276 316L)	☐ Other:
☐ O-RING/GASKET:	Material:	☐ Split for field bonding (not available for Silicone)	
☐ SEALING PLATE:	Pad Material:		

NOTE: Replacement components may require additional details about the coupling(s). To ensure that replacement parts will fit your product application, your previous purchase order number or a Victaulic customer order number may be helpful in determining the correct size/materials of components. Please contact Victaulic for assistance.

*Viton is a registered trademark of Dupont

Bolted Split-Sleeve Couplings

Style 229S

NON-RESTRAINED FLEXIBLE COUPLING FOR FRP PIPE ODOR CONTROL SYSTEMS

Non-Restrained Flexible Mechanical Coupling for FRP Pipe Odor Control Systems
Refer to publication 60.16



STYLE 229S – NON-RESTRAINED FLEXIBLE COUPLING FOR FRP PIPE ODOR CONTROL SYSTEMS

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE	SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM or Isoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each *	No.	Dia. x Length
6	5.00 – 6.88	25	1	12.0	\$4001.00	3	1/2 x 3 1/4
8	7.00 – 8.88	25	1	20.0	5351.00	3	5/8 x 5
10	9.00 – 10.88	25	1	23.0	5551.00	3	5/8 x 5
12	11.00 – 12.88	25	1	27.0	5773.00	3	5/8 x 5
14	13.00 – 14.88	25	1	30.0	6018.00	3	5/8 x 5
16	15.00 – 16.88	25	1	67.0	6372.00	3	5/8 x 5
18	17.00 – 18.88	25	1	72.0	6615.00	3	5/8 x 5
20	19.00 – 21.88	25	1	78.0	6991.00	3	5/8 x 5
24	22.00 – 26.88	25	1	123.0	7668.00	3	5/8 x 5
30	27.00 – 32.88	25	1	329.0	8398.50	3	5/8 x 5
36	33.00 – 38.88	25	2	377.0	12628.50	6	5/8 x 5
42	39.00 – 44.88	25	2	638.0	13570.00	6	5/8 x 5
48	45.00 – 50.88	25	2	709.0	17003.00	6	3/4 x 6
54	51.00 – 56.88	25	2	780.0	18001.00	6	3/4 x 6

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when stainless steel couplings are being used on FRP/GRP.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

Bolted Split-Sleeve Couplings

Style 229S Spare Parts

NON-RESTRAINED FLEXIBLE COUPLING FOR FRP PIPE ODOR CONTROL SYSTEMS

Non-Restrained Flexible Mechanical Coupling for FRP Pipe Odor Control Systems
Refer to publication 60.16



STYLE 229S - SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS		
inches			EPDM or Isoprene O-Ring	Segments	Sealing Plate †
Nom. Dia.	Actual Pipe O.D. Range	psi	Price Per 2	No.	Price Each
6	5.00 – 6.88	25	\$828.00	1	\$1238.00
8	7.00 – 8.88	25	861.50	1	1419.50
10	9.00 – 10.88	25	892.00	1	1419.50
12	11.00 – 12.88	25	892.00	1	1419.50
14	13.00 – 14.88	25	926.50	1	1419.50
16	15.00 – 16.88	25	1115.50	1	1419.50
18	17.00 – 18.88	25	955.00	1	1419.50
20	19.00 – 21.88	25	955.00	1	1419.50
24	22.00 – 26.88	25	1081.50	1	1419.50
30	27.00 – 32.88	25	1143.00	1	1419.50
36	33.00 – 38.88	25	1207.00	1	1419.50
42	39.00 – 44.88	25	1271.50	1	1419.50
48	45.00 – 50.88	25	1336.50	1	1419.50
54	51.00 – 56.88	25	1408.00	1	1419.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

† Number of sealing plates required equals number of housing segments.

NOTE: O-rings are priced as a set of 2.

Bolted Split-Sleeve Couplings

Style 230

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)
Non-Restrained Flexible Mechanical Coupling
Refer to publication 60.01



STYLE 230 – NON-RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Apprx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			Price Each (7)	No.	Dia. x Length
8	7.00 - 8.88	200	1	20.0	\$3963.50	\$4071.00	\$4180.50	\$251.50	3	5/8 x 5
10	9.00 - 10.88	200	1	23.0	4681.50	4823.50	4929.50	323.00	3	5/8 x 5
12	11.00 - 12.88	200	1	27.0	4873.50	5015.00	5156.50	359.50	3	5/8 x 5
14	13.00 - 14.88	200	1	30.0	5066.50	5243.50	5384.00	394.00	3	5/8 x 5
16	15.00 - 16.88	200	1	43.0	5478.50	5656.00	5833.00	470.50	3	3/4 x 6
		300	1	58.0	8313.50	8737.00	9126.00	499.00	3	3/4 x 6
18	17.00 - 18.88	200	1	46.0	5671.50	5883.50	6060.00	536.50	3	3/4 x 6
		300	1	63.0	8753.00	9212.50	9636.50	536.50	3	3/4 x 6
20	19.00 - 21.88	200	1	51.0	5973.50	6222.00	6401.00	606.50	3	3/4 x 6
		300	1	69.0	9304.00	9833.50	10293.50	606.50	3	3/4 x 6
24	22.00 - 26.88	100	1	59.0	6635.00	7023.50	7341.50	889.00	3	3/4 x 6
		200	1	81.0	10650.00	11392.00	12100.50	889.00	3	3/4 x 6
		300	1	109.0	12356.50	13099.00	13807.00	889.00	4	3/4 x 6
30	27.00 - 32.88	100	1	70.0	7268.50	7728.00	8151.00	1064.50	3	3/4 x 6
		200	1	132.0	13815.50	14734.00	15618.50	1064.50	4	3/4 x 6
		300	2	280.0	22341.50	23471.50	24498.00	1064.50	8	7/8 x 8
36	33.00 - 38.88	75	1	81.0	8230.50	8760.50	9256.00	1103.00	3	3/4 x 6
		200	1	155.0	15574.50	16672.50	17695.00	1103.00	4	3/4 x 6
		300	2	321.0	24350.50	25694.00	26933.50	1103.00	8	7/8 x 8
42	39.00 - 44.88	50	1	93.0	9055.00	9692.00	10258.50	1103.00	3	3/4 x 6
		150	1	177.0	17169.50	18444.50	19646.00	1103.00	4	3/4 x 6
		250	2	362.0	26496.00	28050.00	29464.50	1103.00	8	7/8 x 8
		300	2	561.0	34664.00	36504.00	38238.00	1103.00	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 230

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)

Non-Restrained Flexible Mechanical Coupling

Refer to publication 60.01

STYLE 230 – NON-RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Apprx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
48	45.00 - 50.88	50	1	104.0	\$10101.50	\$10810.00	\$11480.00	\$1103.00	3	$\frac{3}{4}$ x 6
		150	1	199.0	18681.50	20132.50	21477.00	1103.00	4	$\frac{3}{4}$ x 6
		250	2	403.0	28585.00	30354.00	31981.50	1103.00	8	$\frac{7}{8}$ x 8
		300	2	626.0	37635.50	39722.00	41703.00	1103.00	8	1 x 8
54	51.00 - 56.88	100	1	261.0	22231.50	24177.50	26051.50	1103.00	4	$\frac{7}{8}$ x 8
		200	2	459.0	32436.50	34771.50	36963.00	1103.00	8	$\frac{7}{8}$ x 8
		300	2	691.0	40441.50	42777.00	44969.50	1103.00	8	1 x 8
		350	2	834.0	42999.50	45335.00	47525.00	1103.00	8	1 x 8
		400	2	1245.0	50895.00	52841.00	54715.50	1103.00	10	1 $\frac{1}{4}$ x 10
60	57.00 - 62.88	100	2	321.0	26688.00	28846.00	30898.50	1103.00	8	$\frac{7}{8}$ x 8
		200	2	502.0	34637.00	37220.50	39659.50	1103.00	8	$\frac{7}{8}$ x 8
		250	2	756.0	43384.00	45965.50	48406.00	1103.00	8	1 x 8
		300	2	912.0	46245.50	48828.50	51267.50	1103.00	8	1 x 8
		400	2	1358.0	54498.50	56655.00	58706.00	1103.00	10	1 $\frac{1}{4}$ x 10
66	63.00 - 68.88	175	2	536.0	36643.50	39473.00	42162.00	1103.00	8	$\frac{7}{8}$ x 8
		250	2	805.0	46163.00	48992.50	51680.50	1103.00	8	1 x 8
		300	2	990.0	49655.50	52487.00	55173.00	1103.00	8	1 x 8
		350	2	1445.0	57440.50	59810.00	62075.00	1103.00	10	1 $\frac{1}{4}$ x 10
		400	2	1767.0	62612.50	64981.50	67246.50	1103.00	10	1 $\frac{1}{4}$ x 10
72	69.00 - 74.88	175	2	579.0	39726.00	42803.50	45736.50	1103.00	8	$\frac{7}{8}$ x 8
		200	2	870.0	50151.00	53229.00	56163.00	1103.00	8	1 x 8
		250	2	1069.0	53947.50	57025.50	59959.50	1103.00	8	1 x 8
		300	2	1564.0	61539.50	64122.00	66598.00	1103.00	10	1 $\frac{1}{4}$ x 10
		400	2	1917.0	67150.50	69732.50	72209.50	1103.00	10	1 $\frac{1}{4}$ x 10

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to $1\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 230

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)

Non-Restrained Flexible Mechanical Coupling

Refer to publication 60.01

STYLE 230 – NON-RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Apprx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			Price Each (7)	No.	Dia. x Length
78	75.00 - 80.88	150	2	613.0	+	+	+	+	8	7/8 x 8
		200	2	934.0	+	+	+	+	8	1 x 8
		250	2	1146.0	+	+	+	+	8	1 x 8
		300	2	1737.0	+	+	+	+	10	1 1/4 x 10
		400	2	2110.0	+	+	+	+	10	1 1/4 x 10
84	81.00 - 86.88	150	2	656.0	+	+	+	+	8	7/8 x 8
		200	2	984.0	+	+	+	+	8	1 x 8
		250	2	1205.0	+	+	+	+	8	1 x 8
		300	2	1855.0	+	+	+	+	10	1 1/4 x 10
		350	2	2257.0	+	+	+	+	10	1 1/4 x 10
90	87.00 - 92.88	100	2	690.0	+	+	+	+	8	7/8 x 8
		150	2	1032.0	+	+	+	+	8	1 x 8
		200	2	1282.0	+	+	+	+	8	1 x 8
		250	2	1955.0	+	+	+	+	10	1 1/4 x 10
		350	2	2379.0	+	+	+	+	10	1 1/4 x 10
96	93.00 - 101.88	100	2	744.0	+	+	+	+	8	7/8 x 8
		150	2	1112.0	+	+	+	+	8	1 x 8
		200	2	2048.0	+	+	+	+	10	1 1/4 x 10
		300	2	2491.0	+	+	+	+	10	1 1/4 x 10
108	102.00 - 113.88	100	2	810.0	+	+	+	+	8	7/8 x 8
		150	2	1226.0	+	+	+	+	8	1 x 8
		200	2	2236.0	+	+	+	+	10	1 1/4 x 10
		300	2	2719.0	+	+	+	+	10	1 1/4 x 10

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 230

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)
Non-Restrained Flexible Mechanical Coupling
Refer to publication 60.01

STYLE 230 – NON-RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Apprx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
120	114.00 - 125.88	75	2	887.0	+	+	+	+	8	7/8 x 8
		125	2	1339.0	+	+	+	+	8	1 x 8
		200	2	2454.0	+	+	+	+	10	1 1/4 x 10
		250	2	2988.0	+	+	+	+	10	1 1/4 x 10
144	126.00 - 150.00	75	2	1022.0	+	+	+	+	8	7/8 x 8
		100	2	1551.0	+	+	+	+	8	1 x 8
		150	2	2672.0	+	+	+	+	10	1 1/4 x 10
		200	2	3286.0	+	+	+	+	10	1 1/4 x 10

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

C 0230 0144 50 S 2 D E P S 00										
Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Options
C	0230	0007 through 0150	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	S – Carbon	1 – One 2 – Two	B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2065 L – 350/2410 M – 400/2750	E – EPDM I – Isoprene L – Silicone T – Nitrile V – Neoprene O – Fluoro-elastomer	F – Fusion bonded epoxy P – Orange enamel T – Shop primer B – Liquid epoxy N – Fusion bonded nylon G – Galvanized 0 – None	S – Carbon X – Stainless	00 – None 01 – Pipe Stops

^ Couplings are available in a range of nominal sizes from 8 – 144". For systems above 144" contact Victaulic for details.

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 230 Spare Parts

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)
Non-Restrained Flexible Mechanical Coupling
Refer to publication 60.01



STYLE 230 - SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS					
inches			EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range	psi						
8	7.00 - 8.88	200	\$915.00	\$1258.00	\$1299.50	+	1	\$1505.00
10	9.00 - 10.88	200	947.00	1299.50	1343.00	+	1	1505.00
12	11.00 - 12.88	200	947.00	1299.50	1387.50	+	1	1505.00
14	13.00 - 14.88	200	982.00	1343.00	1429.50	+	1	1505.00
16	15.00 - 16.88	200	982.00	1387.50	1471.50	+	1	1505.00
		300	1183.00	1732.50	1990.50	+	1	1505.00
18	17.00 - 18.88	200	1013.50	1429.50	1514.50	+	1	1505.00
		300	1212.50	1817.00	2076.50	+	1	1505.00
20	19.00 - 21.88	200	1013.50	1429.50	1560.00	+	1	1505.00
		300	1251.50	1905.00	2206.50	+	1	1505.00
24	22.00 - 26.88	100	1146.00	1689.00	1861.00	+	1	1505.00
		200	1453.50	2293.00	2723.50	+	1	1505.00
		300	1453.50	2293.00	2723.50	+	1	2041.50
30	27.00 - 32.88	100	1212.50	1817.00	2076.50	+	1	1827.50
		200	1587.00	2595.00	3114.00	+	1	1827.50
		300	1817.00	3025.50	3674.50	+	2	2041.50
36	33.00 - 38.88	75	1252.00	1948.50	2251.50	+	1	1827.50
		200	1720.00	2854.50	3501.50	+	1	1827.50
		300	2020.50	3372.00	4150.00	+	2	2041.50
42	39.00 - 44.88	50	1347.00	2076.50	2466.50	+	1	1827.50
		150	1885.50	3157.50	3890.00	+	1	1827.50
		250	2192.00	3716.50	4623.00	+	2	2041.50
		300	2460.00	4234.50	5314.50	+	2	2041.50
48	45.00 - 50.88	50	1417.00	2251.50	2638.50	+	1	1827.50
		150	2020.50	3459.50	4278.00	+	1	1827.50
		250	2357.00	4105.50	5100.00	+	2	2041.50
		300	2660.50	4667.00	5876.50	+	2	2041.50
54	51.00 - 56.88	100	2489.50	4365.50	5529.50	+	1	1827.50
		200	2861.00	5100.00	6437.00	+	2	2041.50
		300	2861.00	5100.00	6437.00	+	2	2041.50
		350	2861.00	5100.00	6437.00	+	2	2041.50
		400	2624.50	4536.00	5661.00	+	2	2041.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 230 Spare Parts

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)

Non-Restrained Flexible Mechanical Coupling

Refer to publication 60.01

STYLE 230 - SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS					
inches		psi	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range		Price Per 2				No.	Price Each
60	57.00 - 62.88	100	\$2726.50	\$4797.50	\$6047.00	+	2	\$2041.50
		200	3064.00	5488.50	7000.50	+	2	2041.50
		250	3064.00	5529.50	7000.50	+	2	2041.50
		300	3064.00	5529.50	7000.50	+	2	2041.50
		400	2796.50	4926.50	6179.00	+	2	3026.50
66	63.00 - 68.88	175	3266.00	5918.00	7558.00	+	2	2041.50
		250	3295.50	5963.50	7558.00	+	2	2041.50
		300	3295.50	5963.50	7558.00	+	2	2041.50
		350	2960.00	5273.00	6653.50	+	2	3026.50
		400	2960.00	5273.00	6653.50	+	2	3026.50
72	69.00 - 74.88	175	3496.00	6351.00	8119.50	+	2	2041.50
		200	3496.00	6351.00	8163.50	+	2	2041.50
		250	3496.00	6351.00	8163.50	+	2	2041.50
		300	3162.00	5617.00	7127.00	+	2	3026.50
		400	3162.00	5617.00	7127.00	+	2	3026.50
78	75.00 - 80.88	150	+	+	+	+	2	+
		200	+	+	+	+	2	+
		250	+	+	+	+	2	+
		300	+	+	+	+	2	+
		400	+	+	+	+	2	+
84	81.00 - 86.88	150	+	+	+	+	2	+
		200	+	+	+	+	2	+
		250	+	+	+	+	2	+
		300	+	+	+	+	2	+
		350	+	+	+	+	2	+
90	87.00 - 92.88	100	+	+	+	+	2	+
		150	+	+	+	+	2	+
		200	+	+	+	+	2	+
		250	+	+	+	+	2	+
		350	+	+	+	+	2	+
96	93.00 - 101.88	100	+	+	+	+	2	+
		150	+	+	+	+	2	+
		200	+	+	+	+	2	+
		300	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 230 Spare Parts

NON-RESTRAINED FLEXIBLE COUPLING

(Formerly ExE)
Non-Restrained Flexible Mechanical Coupling
Refer to publication 60.01

STYLE 230 - SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS					
inches		psi	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range		Price Per 2				No.	Price Each
108	102.00 - 113.88	100	+	+	+	+	2	+
		150	+	+	+	+	2	+
		200	+	+	+	+	2	+
		300	+	+	+	+	2	+
120	114.00 - 125.88	75	+	+	+	+	2	+
		125	+	+	+	+	2	+
		200	+	+	+	+	2	+
		250	+	+	+	+	2	+
144	126.00 - 150.00	75	+	+	+	+	2	+
		100	+	+	+	+	2	+
		150	+	+	+	+	2	+
		200	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 230S

NON-RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly ExE)
Non-Restrained Flexible Mechanical Coupling
for Stainless Steel Pipe
Refer to publication 60.02



STYLE 230S – NON-RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Apprx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			No.	Dia. x Length
3	2.88 - 3.50	300	1	5.0	\$3829.00	\$3971.50	\$3971.50	3	1/2 x 3/4
4	3.63 - 4.88	300	1	5.0	3963.50	4106.00	4106.00	3	1/2 x 3/4
6	5.00 - 6.88	300	1	12.0	4242.00	4383.00	4383.00	3	1/2 x 3/4
8	7.00 - 8.88	200	1	20.0	5671.50	5812.50	5883.50	3	5/8 x 5
10	9.00 - 10.88	200	1	23.0	6165.00	6309.50	6415.50	3	5/8 x 5
12	11.00 - 12.88	200	1	27.0	6440.50	6583.00	6725.50	3	5/8 x 5
14	13.00 - 14.88	200	1	30.0	6772.00	6950.50	7091.50	3	5/8 x 5
16	15.00 - 16.88	200	1	46.0	7515.50	7692.50	7869.00	3	3/4 x 6
		300	1	67.0	11339.00	11763.00	12153.50	3	3/4 x 6
18	17.00 - 18.88	150	1	50.0	7845.00	8057.00	8234.50	3	3/4 x 6
		250	1	72.0	11971.50	12430.50	12855.50	3	3/4 x 6
20	19.00 - 21.88	150	1	54.0	8339.50	8587.00	8766.50	3	3/4 x 6
		250	1	78.0	12795.50	13327.00	13786.00	3	3/4 x 6
24	22.00 - 26.88	100	1	64.0	9192.50	9582.50	9899.50	3	3/4 x 6
		200	1	92.0	14942.00	15684.50	16392.00	3	3/4 x 6
		250	1	123.0	18271.00	19012.00	19720.50	4	3/4 x 6
30	27.00 - 32.88	100	1	76.0	10210.50	10671.00	11093.50	3	3/4 x 6
		200	1	149.0	20526.00	21446.50	22329.00	4	3/4 x 6
		300	2	329.0	38680.00	39813.00	40839.00	8	7/8 x 8
36	33.00 - 38.88	75	1	89.0	11200.00	11731.00	12226.00	3	3/4 x 6
		175	1	173.0	22780.50	23876.50	24902.50	4	3/4 x 6
		250	2	377.0	42503.50	43849.00	45088.00	8	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

Bolted Split-Sleeve Couplings

Style 230S

NON-RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly ExE)

Non-Restrained Flexible Mechanical Coupling

for Stainless Steel Pipe

Refer to publication 60.02

STYLE 230S – NON-RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Apprx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			No.	Dia. x Length
42	39.00 - 44.88	50	1	101.0	\$12714.00	\$13349.50	\$13917.00	3	3/4 x 6
		150	1	197.0	25119.50	26392.00	27594.00	4	3/4 x 6
		200	2	422.0	46355.00	47911.50	49324.50	8	7/8 x 8
		250	2	638.0	82362.50	84203.50	85935.50	8	1 x 8
48	45.00 - 50.88	50	1	112.0	13704.50	14412.50	15082.50	3	3/4 x 6
		150	1	221.0	27569.00	29017.50	30361.00	4	3/4 x 6
		200	2	467.0	50399.50	52169.00	53795.50	8	7/8 x 8
		250	2	709.0	90560.50	92648.00	94630.00	8	1 x 8
54	51.00 - 56.88	100	1	297.0	+	+	+	4	7/8 x 8
		175	2	522.0	+	+	+	8	7/8 x 8
		250	2	780.0	+	+	+	8	1 x 8
60	57.00 - 62.88	100	2	375.0	+	+	+	8	7/8 x 8
		150	2	570.0	+	+	+	8	7/8 x 8
		200	2	851.0	+	+	+	8	1 x 8
66	63.00 - 68.88	150	2	605.0	+	+	+	8	7/8 x 8
		200	2	904.0	+	+	+	8	1 x 8
72	69.00 - 74.88	125	2	654.0	+	+	+	8	7/8 x 8
		175	2	975.0	+	+	+	8	1 x 8
78	75.00 - 80.88	125	2	689.0	+	+	+	8	7/8 x 8
		175	2	1045.0	+	+	+	8	1 x 8
84	81.00 - 86.88	100	2	737.0	+	+	+	8	7/8 x 8
		150	2	1098.0	+	+	+	8	1 x 8
90	87.00 - 92.88	100	2	773.0	+	+	+	8	7/8 x 8
		150	2	1152.0	+	+	+	8	1 x 8
96	93.00 - 102.00	100	2	831.0	+	+	+	8	7/8 x 8
		150	2	1238.0	+	+	+	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, and sealing plate(s).

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

Bolted Split-Sleeve Couplings

C

0230

0096

50

X

2

D

E

0

X

00

Class	Style	Actual Pipe O.D.*		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Options
		Inches^	Fraction							
C	0230	0002	00 – 0	X – Stainless	1 – One 2 – Two	B – 50/345	E – EPDM	0 – None	X – Stainless	00 – None 01 – Pipe Stops
		through	13 – 1/8			C – 75/515	I – Isoprene			
		0102	25 – 1/4			D – 100/690	L – Silicone			
			38 – 3/8			E – 125/860	T – Nitrile			
			50 – 1/2			F – 150/1035	V – Neoprene			
			63 – 5/8			G – 175/1200	O – Fluoro-elastomer			
			75 – 3/4			H – 200/1375				
			88 – 7/8			J – 250/1725				
						K – 300/2065				

^ Couplings are available in a range of nominal sizes from 3 – 96". For systems above 96" contact Victaulic for details.
* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 230S Spare Parts

NON-RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly ExE)
Non-Restrained Flexible Mechanical Coupling
for Stainless Steel Pipe
Refer to publication 60.02



STYLE 230S - SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS					
inches		psi	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range		Price Per 2				No.	Price Each
3	2.88 - 3.50	300	\$877.00	\$1212.50	\$1212.50	+	1	\$1235.00
4	3.63 - 4.88	300	877.00	1212.50	1212.50	+	1	1235.00
6	5.00 - 6.88	300	877.00	1212.50	1299.50	+	1	1601.00
8	7.00 - 8.88	200	982.00	1471.50	1560.00	+	1	1838.00
10	9.00 - 10.88	200	1013.50	1510.00	1646.00	+	1	1838.00
12	11.00 - 12.88	200	1049.00	1601.50	1732.50	+	1	1838.00
14	13.00 - 14.88	200	1080.00	1646.00	1774.50	+	1	1838.00
16	15.00 - 16.88	200	1183.00	1817.00	2076.50	+	1	1838.00
		300	1183.00	1817.00	2076.50	+	1	1838.00
18	17.00 - 18.88	150	1212.50	1905.00	2164.00	+	1	1838.00
		250	1212.50	1905.00	2164.00	+	1	1838.00
20	19.00 - 21.88	150	1248.50	1990.50	2293.00	+	1	1838.00
		250	1248.50	1990.50	2293.00	+	1	1838.00
24	22.00 - 26.88	100	1409.00	2339.00	2763.50	+	1	1838.00
		200	1409.00	2339.00	2763.50	+	1	1838.00
		250	1409.00	2339.00	2763.50	+	1	2041.50
30	27.00 - 32.88	100	1885.50	3199.50	3848.50	+	1	1827.50
		200	1885.50	3199.50	3848.50	+	1	1827.50
		300	1885.50	3199.50	3848.50	+	2	2041.50
36	33.00 - 38.88	75	2086.50	3547.00	4321.50	+	1	1827.50
		175	2086.50	3547.00	4321.50	+	1	1827.50
		250	2086.50	3547.00	4321.50	+	2	2041.50
42	39.00 - 44.88	50	2525.50	4452.00	5488.50	+	1	1827.50
		150	2525.50	4452.00	5488.50	+	1	1827.50
		200	2525.50	4452.00	5488.50	+	2	2041.50
		250	2525.50	4452.00	5488.50	+	2	2041.50
48	45.00 - 50.88	50	2726.50	4839.00	6047.00	+	1	1827.50
		150	2726.50	4839.00	6047.00	+	1	1827.50
		200	2726.50	4839.00	6047.00	+	2	2041.50
		250	2726.50	4839.00	6047.00	+	2	2041.50
54	51.00 - 56.88	100	+	+	+	+	1	+
		175	+	+	+	+	2	+
		250	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 230S Spare Parts

NON-RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly ExE)

Non-Restrained Flexible Mechanical Coupling

for Stainless Steel Pipe

Refer to publication 60.02

STYLE 230S - SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS					
inches		psi	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range		Price Per 2				No.	Price Each
60	57.00 - 62.88	100	+	+	+	+	2	+
		150	+	+	+	+	2	+
		200	+	+	+	+	2	+
66	63.00 - 68.88	150	+	+	+	+	2	+
		200	+	+	+	+	2	+
72	69.00 - 74.88	125	+	+	+	+	2	+
		175	+	+	+	+	2	+
78	75.00 - 80.88	125	+	+	+	+	2	+
		175	+	+	+	+	2	+
84	81.00 - 86.88	100	+	+	+	+	2	+
		150	+	+	+	+	2	+
90	87.00 - 92.88	100	+	+	+	+	2	+
		150	+	+	+	+	2	+
96	93.00 - 102.00	100	+	+	+	+	2	+
		150	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 231

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)
Non-Restrained Expansion Coupling
Refer to publication 60.03



STYLE 231 – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

PIPE		Max. Work Press.	Pipe End Separation	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Min. – Max.	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range		inches			Price Each * (6)			Price Each (7)	No.	Dia. x Length
16	15.00 – 16.88	200	0 – 2.00	1	97.0	\$18271.00	\$18837.00	\$19260.00	\$678.00	4	3/4 x 6
			0 – 3.00	1	117.0	21925.50	22489.50	23022.00	+	5	3/4 x 6
			0 – 4.00	1	128.0	26308.50	26874.50	27405.00	+	5	3/4 x 6
		300	0 – 2.00	1	110.0	18572.50	19138.00	19669.00	642.50	4	3/4 x 6
			0 – 3.00	1	132.0	22285.50	22851.00	23377.00	+	5	3/4 x 6
			0 – 4.00	1	145.0	26742.00	27308.50	27838.00	+	5	3/4 x 6
18	17.00 – 18.88	200	0 – 2.00	1	106.0	19206.00	19842.50	20443.00	747.00	4	3/4 x 6
			0 – 3.00	1	127.0	23045.50	23683.00	24285.00	+	5	3/4 x 6
			0 – 4.00	1	138.0	27656.50	28291.50	28893.50	+	5	3/4 x 6
		300	0 – 2.00	1	120.0	19536.50	20172.00	20774.50	747.00	4	3/4 x 6
			0 – 3.00	1	143.0	23441.00	24078.50	24680.00	+	5	3/4 x 6
			0 – 4.00	1	157.0	28132.00	28768.00	29368.00	+	5	3/4 x 6
20	19.00 – 21.88	200	0 – 2.00	1	115.0	20388.50	21095.00	21731.50	854.00	4	3/4 x 6
			0 – 3.00	1	136.0	24465.50	25175.50	25811.00	+	5	3/4 x 6
			0 – 4.00	1	150.0	29357.00	30067.00	30703.00	+	5	3/4 x 6
		300	0 – 2.00	1	131.0	20747.00	21454.00	22090.50	854.00	4	3/4 x 6
			0 – 3.00	1	155.0	24893.50	25601.50	26238.00	+	5	3/4 x 6
			0 – 4.00	1	170.0	29873.00	30581.00	31217.50	+	5	3/4 x 6
24	22.00 – 26.88	150	0 – 2.00	1	155.0	22890.00	23703.50	24483.50	1030.50	4	3/4 x 6
			0 – 3.00	1	179.0	27470.00	28284.00	29063.50	+	5	3/4 x 6
			0 – 4.00	1	196.0	32961.00	33774.50	34554.00	+	5	3/4 x 6
		300	0 – 2.00	2	301.0	33756.50	34569.50	35349.50	1030.50	8	7/8 x 8
			0 – 3.00	2	377.0	40511.00	41322.50	42101.00	+	10	7/8 x 8
			0 – 4.00	2	411.0	48608.50	49422.50	50200.50	+	10	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s), restraint rings and cladding.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 231

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)
Non-Restrained Expansion Coupling
Refer to publication 60.03

STYLE 231 – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

PIPE		Max. Work Press.	Pipe End Separation	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Min. – Max.	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range		inches			Price Each * (6)			Price Each (7)	No.	Dia. x Length
30	27.00 – 32.88	100	0 – 2.00	1	187.0	\$25698.50	\$26725.00	\$27678.50	\$1137.50	4	3/4 x 6
			0 – 3.00	1	214.0	30250.50	31861.50	32816.00	+	5	3/4 x 6
			0 – 4.00	1	237.0	30835.50	31276.50	32230.00	+	5	3/4 x 6
		300	0 – 2.00	2	355.0	39422.00	40660.50	41792.50	1207.00	8	7/8 x 8
			0 – 3.00	2	437.0	47309.00	48545.00	49677.50	+	10	7/8 x 8
			0 – 4.00	2	479.0	56766.50	58007.00	59137.50	+	10	7/8 x 8
36	33.00 – 38.88	75	0 – 2.00	1	223.0	28667.00	29871.50	31003.50	1137.50	4	3/4 x 6
			0 – 3.00	1	287.0	34402.00	35605.00	36737.00	+	5	3/4 x 6
			0 – 4.00	1	314.0	41280.00	42483.50	43615.50	+	5	3/4 x 6
		300	0 – 2.00	2	412.0	43438.50	44889.00	46268.00	1207.00	8	7/8 x 8
			0 – 3.00	2	501.0	52126.50	53578.00	54957.50	+	10	7/8 x 8
			0 – 4.00	2	551.0	62551.00	64002.50	65383.50	+	10	7/8 x 8
42	39.00 – 44.88	50	0 – 2.00	1	256.0	31693.00	33108.00	34416.50	1137.50	4	3/4 x 6
			0 – 3.00	1	323.0	38033.50	39448.50	40755.50	+	5	3/4 x 6
			0 – 4.00	1	353.0	45638.00	47052.50	48362.00	+	5	3/4 x 6
		250	0 – 2.00	2	466.0	47484.00	49182.00	50772.50	1207.00	8	7/8 x 8
			0 – 3.00	2	562.0	56981.50	58679.00	60272.50	+	10	7/8 x 8
			0 – 4.00	2	618.0	68374.50	70073.00	71664.00	+	10	7/8 x 8
48	45.00 – 50.88	50	0 – 2.00	1	288.0	36699.00	38291.00	39813.00	1137.50	4	3/4 x 6
			0 – 3.00	1	359.0	44040.00	45632.50	47153.50	+	5	3/4 x 6
			0 – 4.00	1	393.0	52847.00	54440.50	55960.50	+	5	3/4 x 6
		250	0 – 2.00	2	520.0	53588.00	55500.00	57302.50	1207.00	8	7/8 x 8
			0 – 3.00	2	624.0	64308.00	66219.00	68021.50	+	10	7/8 x 8
			0 – 4.00	2	686.0	77169.50	79080.00	80882.50	+	10	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s), restraint rings and cladding.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 231

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)
Non-Restrained Expansion Coupling
Refer to publication 60.03

STYLE 231 – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

PIPE		Max. Work Press.	Pipe End Separation	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Min. – Max.	Segments (4)	lb (5)	with EPDM O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range		inches			Price Each * (6)			Price Each (7)	No.	Dia. x Length
54	51.00 – 56.88	200	0 – 2.00	2	562.0	\$57468.50	\$59625.00	\$61642.00	\$1137.50	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	671.0	68961.00	71120.00	73135.00	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	738.0	82295.00	84454.00	86469.00	+	10	$\frac{7}{8}$ x 8
60	57.00 – 62.88	200	0 – 2.00	2	616.0	61592.50	63961.00	66226.50	1137.50	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	732.0	73912.50	76281.50	78545.50	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	806.0	88693.50	91064.00	93329.00	+	10	$\frac{7}{8}$ x 8
66	63.00 – 68.88	175	0 – 2.00	2	660.0	65472.00	68090.00	70531.50	1137.50	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	779.0	78567.00	81184.50	83626.50	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	859.0	94280.00	96899.00	99338.50	+	10	$\frac{7}{8}$ x 8
72	69.00 – 74.88	175	0 – 2.00	2	714.0	70807.00	73640.50	76326.00	1137.50	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	840.0	84970.50	87801.00	90489.00	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	926.0	101966.50	104796.00	107483.50	+	10	$\frac{7}{8}$ x 8
78	75.00 – 80.88	150	0 – 2.00	2	756.0	+	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	888.0	+	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	980.0	+	+	+	+	10	$\frac{7}{8}$ x 8
84	81.00 – 86.88	150	0 – 2.00	2	810.0	+	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	949.0	+	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1047.0	+	+	+	+	10	$\frac{7}{8}$ x 8
90	87.00 – 92.88	100	0 – 2.00	2	852.0	+	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	996.0	+	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1099.0	+	+	+	+	10	$\frac{7}{8}$ x 8
96	93.00 – 101.88	100	0 – 2.00	2	917.0	+	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	1070.0	+	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1181.0	+	+	+	+	10	$\frac{7}{8}$ x 8
108	102.00 – 113.88	100	0 – 2.00	2	1002.0	+	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	1164.0	+	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1286.0	+	+	+	+	10	$\frac{7}{8}$ x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s), restraint rings and cladding.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to $1\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 231

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)
Non-Restrained Expansion Coupling
Refer to publication 60.03

STYLE 231 – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

PIPE		Max. Work Press.	Pipe End Separation	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Min. – Max.	Segments (4)	lb (5)	with EPDM O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range		inches			Price Each * (6)			Price Each (7)	No.	Dia. x Length
120	114.00 – 125.88	75	0 – 2.00	2	1098.0	+	+	+	+	8	7/8 x 8
			0 – 3.00	2	1272.0	+	+	+	+	10	7/8 x 8
			0 – 4.00	2	1406.0	+	+	+	+	10	7/8 x 8
144	126.00 – 150.00	75	0 – 2.00	2	1267.0	+	+	+	+	8	7/8 x 8
			0 – 3.00	2	1462.0	+	+	+	+	10	7/8 x 8
			0 – 4.00	2	1616.0	+	+	+	+	10	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s), restraint rings and cladding.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

C 0231 0144 50 S 2 C E P S S D

Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring and Pipe Material	Movement †
C	0231	0015 through 0150	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	S – Carbon	1 – One 2 – Two	B – 50/345 C – 75/515 D – 100/690 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2065	E – EPDM I – Isoprene L – Silicone T – Nitrile V – Neoprene O – Fluoro-elastomer	F – Fusion bonded epoxy P – Orange enamel T – Shop primer B – Liquid epoxy N – Fusion bonded nylon G – Galvanized 0 – None	S – Carbon X – Stainless	S – Carbon Steel Ring on Carbon Steel Pipe X – Stainless Steel Ring on Stainless Steel Pipe	D – 2.00" E – 3.00" F – 4.00"

^ Couplings are available in a range of nominal sizes from 16 – 144".

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

† Movement provided is dependent on size and body type and must correspond to allowable movements published in the product submittal.

Bolted Split-Sleeve Couplings

Style 231 Spare Parts

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)
Non-Restrained Expansion Coupling
Refer to publication 60.03



STYLE 231 – SPARE PARTS

PIPE		Max. Work Press.	Pipe End Separation	SPARE PARTS								
inches		psi	Min. – Max.	Restraint Rings	Carbon Steel Restraint Ring	EPDM, Neoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†	Cladding
Nom. Dia.	Actual Pipe O.D. Range		inches	No. Required	Price Each	Price Per 2				No.	Price Each	
16	15.00 – 16.88	200	0 – 2.00	2	\$364.00	\$1317.50	\$2119.00	\$2422.00	+	1	\$1401.00	\$2317.00
			0 – 3.00	2	364.00	1317.50	2119.00	2422.00	+	1	1679.00	2317.00
			0 – 4.00	2	364.00	1317.50	2119.00	2422.00	+	1	2015.50	2317.00
		300	0 – 2.00	2	364.00	1317.50	2119.00	2422.00	+	1	1401.00	2317.00
			0 – 3.00	2	364.00	1317.50	2119.00	2422.00	+	1	1679.00	2317.00
			0 – 4.00	2	364.00	1317.50	2119.00	2422.00	+	1	2015.50	2317.00
18	17.00 – 18.88	200	0 – 2.00	2	375.50	1386.00	2251.50	2595.00	+	1	1409.50	2535.00
			0 – 3.00	2	375.50	1386.00	2251.50	2595.00	+	1	1692.00	2535.00
			0 – 4.00	2	375.50	1386.00	2251.50	2595.00	+	1	2032.50	2535.00
		300	0 – 2.00	2	375.50	1386.00	2251.50	2595.00	+	1	1409.50	2535.00
			0 – 3.00	2	375.50	1386.00	2251.50	2595.00	+	1	1692.00	2535.00
			0 – 4.00	2	375.50	1386.00	2251.50	2595.00	+	1	2032.50	2535.00
20	19.00 – 21.88	200	0 – 2.00	2	387.50	1453.50	2336.50	2768.50	+	1	1409.50	2726.50
			0 – 3.00	2	387.50	1453.50	2336.50	2768.50	+	1	1692.00	2726.50
			0 – 4.00	2	387.50	1453.50	2336.50	2768.50	+	1	2032.50	2726.50
		300	0 – 2.00	2	387.50	1453.50	2336.50	2768.50	+	1	1409.50	2726.50
			0 – 3.00	2	387.50	1453.50	2336.50	2768.50	+	1	1692.00	2726.50
			0 – 4.00	2	387.50	1453.50	2336.50	2768.50	+	1	2032.50	2726.50
24	22.00 – 26.88	150	0 – 2.00	2	421.50	1587.00	2595.00	3070.00	+	1	1434.50	3167.50
			0 – 3.00	2	421.50	1587.00	2595.00	3070.00	+	1	1720.00	3167.50
			0 – 4.00	2	421.50	1587.00	2595.00	3070.00	+	1	2063.50	3167.50
		300	0 – 2.00	2	465.50	1653.00	2682.50	3157.50	+	2	1434.50	3278.00
			0 – 3.00	2	465.50	1653.00	2682.50	3157.50	+	2	1720.00	3278.00
			0 – 4.00	2	465.50	1653.00	2682.50	3157.50	+	2	2063.50	3278.00
30	27.00 – 32.88	100	0 – 2.00	2	444.00	1752.00	2940.50	3547.00	+	1	1444.00	3278.00
			0 – 3.00	2	444.00	1752.00	2940.50	3547.00	+	1	1734.50	3772.00
			0 – 4.00	2	444.00	1752.00	2940.50	3547.00	+	1	2081.50	3772.00
		300	0 – 2.00	2	488.00	1989.00	3372.00	4064.50	+	2	1444.00	3772.00
			0 – 3.00	2	488.00	1989.00	3372.00	4064.50	+	2	1734.50	3856.50
			0 – 4.00	2	488.00	1989.00	3372.00	4064.50	+	2	2081.50	3856.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 231 Spare Parts

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)
Non-Restrained Expansion Coupling
Refer to publication 60.03

STYLE 231 – SPARE PARTS

PIPE		Max. Work Press.	Pipe End Separation	SPARE PARTS								
inches		psi	Min. – Max.	Restraint Rings	Carbon Steel Restraint Ring	EPDM, Neoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†	Cladding
Nom. Dia.	Actual Pipe O.D. Range		inches	No. Required	Price Each	Price Per 2				No.	Price Each	
36	33.00 – 38.88	75	0 – 2.00	2	\$545.00	\$2066.50	\$3804.00	\$4018.50	+	1	\$1468.00	\$3856.50
			0 – 3.00	2	545.00	2066.50	3804.00	4018.50	+	1	1761.00	4378.50
			0 – 4.00	2	545.00	2066.50	3804.00	4018.50	+	1	2111.50	4378.50
		300	0 – 2.00	2	545.00	2066.50	3804.00	4623.00	+	2	1467.50	4378.50
			0 – 3.00	2	545.00	2066.50	3804.00	4623.00	+	2	1761.00	4462.50
			0 – 4.00	2	545.00	2066.50	3804.00	4623.00	+	2	2111.50	4462.50
42	39.00 – 44.88	50	0 – 2.00	2	565.50	2255.50	3630.50	4452.00	+	1	1478.00	4462.50
			0 – 3.00	2	565.50	2255.50	3630.50	4452.00	+	1	1773.50	4981.00
			0 – 4.00	2	565.50	2255.50	3630.50	4452.00	+	1	2130.00	4981.00
		250	0 – 2.00	2	565.50	2255.50	4193.50	5140.50	+	2	1478.00	4981.00
			0 – 3.00	2	565.50	2255.50	4193.50	5140.50	+	2	1773.50	5066.50
			0 – 4.00	2	565.50	2255.50	4193.50	5140.50	+	2	2130.00	5066.50
48	45.00 – 50.88	50	0 – 2.00	2	600.50	2447.00	3976.50	4926.50	+	1	1502.00	5066.50
			0 – 3.00	2	600.50	2447.00	3976.50	4926.50	+	1	1802.00	5561.00
			0 – 4.00	2	600.50	2447.00	3976.50	4926.50	+	1	2161.00	5561.00
		250	0 – 2.00	2	600.50	2447.00	4581.00	5704.50	+	2	1502.00	5644.00
			0 – 3.00	2	600.50	2447.00	4581.00	5704.50	+	2	1802.00	5644.00
			0 – 4.00	2	600.50	2447.00	4581.00	5704.50	+	2	2161.00	5644.00
54	51.00 – 56.88	200	0 – 2.00	2	624.00	2826.50	5012.50	6221.50	+	2	1530.50	6248.50
			0 – 3.00	2	624.00	2826.50	5012.50	6221.50	+	2	1835.50	6248.50
			0 – 4.00	2	624.00	2826.50	5012.50	6221.50	+	2	2203.50	6248.50
60	57.00 – 62.88	200	0 – 2.00	2	646.50	2826.50	5401.00	6783.00	+	2	1530.50	6827.50
			0 – 3.00	2	646.50	2826.50	5401.00	6783.00	+	2	1835.50	6827.50
			0 – 4.00	2	646.50	2826.50	5401.00	6783.00	+	2	2203.50	6827.50
66	63.00 – 68.88	175	0 – 2.00	2	668.00	3207.00	5790.50	7301.50	+	2	1561.00	7431.00
			0 – 3.00	2	668.00	3207.00	5790.50	7301.50	+	2	1873.50	7431.00
			0 – 4.00	2	668.00	3207.00	5790.50	7301.50	+	2	2249.00	7431.00
72	69.00 – 74.88	175	0 – 2.00	2	703.50	3207.00	6179.00	7818.50	+	2	1561.00	8009.50
			0 – 3.00	2	703.50	3207.00	6179.00	7818.50	+	2	1873.50	8009.50
			0 – 4.00	2	703.50	3207.00	6179.00	7818.50	+	2	2249.00	8009.50
78	75.00 – 80.88	150	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 231 Spare Parts

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING

(Formerly FxE)

Non-Restrained Expansion Coupling

Refer to publication 60.03

STYLE 231 – SPARE PARTS

PIPE		Max. Work Press.	Pipe End Separation	SPARE PARTS								
inches		psi	Min. – Max.	Restraint Rings	Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate#†	Cladding
Nom. Dia.	Actual Pipe O.D. Range		Inches	No. Required	Price Each	Price Per 2				No.	Price Each	
84	81.00 – 86.88	150	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+
90	87.00 – 92.88	100	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+
96	93.00 – 101.88	100	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+
108	102.00 – 113.88	100	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+
120	114.00 – 125.88	75	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+
144	126.00 – 150.00	75	0 – 2.00	2	+	+	+	+	+	2	+	+
			0 – 3.00	2	+	+	+	+	+	2	+	+
			0 – 4.00	2	+	+	+	+	+	2	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 231S

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxE)

Non-Restrained Expansion Coupling for
Stainless Steel Pipe

Refer to publication 60.04



STYLE 231S – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	Pipe End Separation	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)			Min. – Max.			with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Size	Actual Pipe O.D. Range	psi (3)	inches	Segments (4)	lb (5)	Price Each * (6)			No.	Dia. x Length
3	2.88 – 3.50	300	0 – 0.75	1	5.0	\$3856.50	\$3997.50	\$3997.50	3	1/2 x 3/4
4	3.63 – 4.88	300	0 – 0.75	1	5.0	4019.50	4162.50	4162.50	3	1/2 x 3/4
6	5.00 – 6.88	300	0 – 1.25	1	12.0	4544.50	4685.50	4685.50	3	1/2 x 3/4
8	7.00 – 8.88	200	0 – 1.50	1	21.0	6524.00	6666.50	6737.50	3	5/8 x 5
10	9.00 – 10.88	200	0 – 1.50	1	24.0	7102.00	7243.50	7349.50	3	5/8 x 5
12	11.00 – 12.88	200	0 – 1.50	1	28.0	7487.50	7628.50	7770.00	3	5/8 x 5
14	13.00 – 14.88	200	0 – 1.50	1	31.0	7900.00	8077.00	8219.00	3	5/8 x 5
16	15.00 – 16.88	200	0 – 1.50	1	48.0	10349.50	10526.50	10701.50	3	3/4 x 6
			0 – 2.00	1	102.0	27624.00	28154.00	28614.00	4	3/4 x 6
		300	0 – 3.00	1	115.0	33147.00	33679.00	34136.50	5	3/4 x 6
			0 – 4.00	1	125.0	39775.50	40306.00	40766.00	5	3/4 x 6
18	17.00 – 18.88	150	0 – 1.50	1	52.0	10813.50	11027.50	11204.00	3	3/4 x 6
			0 – 2.00	1	111.0	29603.50	30170.00	30701.50	4	3/4 x 6
		250	0 – 3.00	1	125.0	35525.00	36091.00	36622.50	5	3/4 x 6
			0 – 4.00	1	136.0	42626.00	43192.50	43723.50	5	3/4 x 6
20	19.00 – 21.88	150	0 – 1.50	1	56.0	11559.50	11806.50	11983.50	3	3/4 x 6
			0 – 2.00	1	120.0	31802.50	32439.50	33042.50	4	3/4 x 6
		250	0 – 3.00	1	135.0	38166.50	38804.50	39403.50	5	3/4 x 6
			0 – 4.00	1	147.0	45797.50	46435.00	47034.00	5	3/4 x 6
24	22.00 – 26.88	100	0 – 1.50	1	66.0	12356.50	12743.00	13065.00	3	3/4 x 6
			0 – 2.00	1	140.0	35571.00	36493.00	37341.00	4	3/4 x 6
			0 – 3.00	1	156.0	42686.00	43606.50	44456.50	5	3/4 x 6
			0 – 4.00	1	171.0	51225.00	52144.50	52991.50	5	3/4 x 6
		300	0 – 2.00	2	323.0	82114.50	83035.00	83884.50	8	7/8 x 8
			0 – 3.00	2	368.0	98536.00	99457.50	100306.50	10	7/8 x 8
			0 – 4.00	2	402.0	118245.00	119164.50	120014.50	10	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

Bolted Split-Sleeve Couplings

Style 231S

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxE)

Non-Restrained Expansion Coupling for
Stainless Steel Pipe

Refer to publication 60.04

STYLE 231S – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	Pipe End Separation	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Min. – Max.	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Size	Actual Pipe O.D. Range		inches			Price Each * (6)			No.	Dia. x Length
30	27.00 – 32.88	100	0 – 2.00	1	169.0	\$40249.00	\$41380.50	\$42406.50	4	3/4 x 6
			0 – 3.00	1	186.0	48299.00	49431.00	50456.00	5	3/4 x 6
			0 – 4.00	1	204.0	57955.50	59087.00	60114.50	5	3/4 x 6
		300	0 – 2.00	2	373.0	91991.50	93122.00	94148.00	8	7/8 x 8
			0 – 3.00	2	425.0	110389.50	111536.50	112546.50	10	7/8 x 8
			0 – 4.00	2	464.0	132464.00	133595.00	134622.00	10	7/8 x 8
36	33.00 – 38.88	75	0 – 2.00	1	196.0	44430.50	45775.00	47013.50	4	3/4 x 6
			0 – 3.00	1	216.0	53315.50	54658.50	55898.50	5	3/4 x 6
			0 – 4.00	1	237.0	63977.50	65322.50	66560.00	5	3/4 x 6
		250	0 – 2.00	2	425.0	101838.00	103183.00	104421.50	8	7/8 x 8
			0 – 3.00	2	483.0	122206.00	123551.00	124788.00	10	7/8 x 8
			0 – 4.00	2	528.0	144395.50	145741.00	146977.50	10	7/8 x 8
42	39.00 – 44.88	50	0 – 2.00	1	224.0	49133.00	50689.50	52105.50	4	3/4 x 6
			0 – 3.00	1	246.0	58960.00	60519.00	61933.50	5	3/4 x 6
			0 – 4.00	1	270.0	70751.50	72308.50	73723.00	5	3/4 x 6
		200	0 – 2.00	2	475.0	112539.50	114096.00	115509.00	8	7/8 x 8
			0 – 3.00	2	539.0	135048.50	136604.50	138019.00	10	7/8 x 8
			0 – 4.00	2	591.0	162055.00	163613.00	165025.00	10	7/8 x 8
48	45.00 – 50.88	50	0 – 2.00	1	251.0	57247.50	59017.00	60644.00	4	3/4 x 6
			0 – 3.00	1	277.0	68696.50	70468.00	72096.00	5	3/4 x 6
			0 – 4.00	1	303.0	82437.50	84207.00	85834.00	5	3/4 x 6
		200	0 – 2.00	2	526.0	128301.00	130067.50	131695.50	8	7/8 x 8
			0 – 3.00	2	596.0	153959.50	155729.00	157357.00	10	7/8 x 8
			0 – 4.00	2	655.0	184751.00	186521.50	188147.50	10	7/8 x 8
54	51.00 – 56.88	25	0 – 2.00	1	306.0	+	+	+	4	7/8 x 8
			0 – 3.00	1	341.0	+	+	+	5	7/8 x 8
			0 – 4.00	1	371.0	+	+	+	5	7/8 x 8
		175	0 – 2.00	2	563.0	+	+	+	8	7/8 x 8
			0 – 3.00	2	638.0	+	+	+	10	7/8 x 8
			0 – 4.00	2	702.0	+	+	+	10	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.



Bolted Split-Sleeve Couplings

Style 231S

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxE)

Non-Restrained Expansion Coupling for

Stainless Steel Pipe

Refer to publication 60.04

STYLE 231S – NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	Pipe End Separation	Minimum No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Min. – Max.	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Size	Actual Pipe O.D. Range		inches			Price Each * (6)			No.	Dia. x Length
60	57.00 – 62.88	25	0 – 2.00	2	390.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	438.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	476.0	+	+	+	10	$\frac{7}{8}$ x 8
		150	0 – 2.00	2	615.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	696.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	765.0	+	+	+	10	$\frac{7}{8}$ x 8
66	63.00 – 68.88	150	0 – 2.00	2	652.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	739.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	812.0	+	+	+	10	$\frac{7}{8}$ x 8
72	69.00 – 74.88	125	0 – 2.00	2	703.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	795.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	875.0	+	+	+	10	$\frac{7}{8}$ x 8
78	75.00 – 80.88	125	0 – 2.00	2	742.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	838.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	922.0	+	+	+	10	$\frac{7}{8}$ x 8
84	81.00 – 86.88	100	0 – 2.00	2	792.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	911.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1001.0	+	+	+	10	$\frac{7}{8}$ x 8
90	87.00 – 92.88	100	0 – 2.00	2	830.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	937.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1032.0	+	+	+	10	$\frac{7}{8}$ x 8
96	93.00 – 102.00	100	0 – 2.00	2	893.0	+	+	+	8	$\frac{7}{8}$ x 8
			0 – 3.00	2	1008.0	+	+	+	10	$\frac{7}{8}$ x 8
			0 – 4.00	2	1111.0	+	+	+	10	$\frac{7}{8}$ x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to $1\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

Bolted Split-Sleeve Couplings

C 0231 0096 50 X 2 C E 0 X X B

Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring Pipe Material	Movement †
		Inches^	Fraction								
C	0231	0002 through 0102	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	X – Stainless	1 – One 2 – Two	A – 25/170 B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2065	E – EPDM I – Isoprene L – Silicone T – Nitrile V – Neoprene O – Fluoro-elastomer	0 – None	X – Stainless	X – Stainless Ring on Stainless Steel Pipe S – Carbon Steel Ring on Carbon Steel Pipe	A – 0.75" B – 1.25" C – 1.50" D – 2.00" E – 3.00" F – 4.00"

^ Couplings are available in a range of nominal sizes from 3 – 96". For additional sizes, contact Victaulic.

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

† Movement provided is dependent on size and body type and must correspond to allowable movements published in the product submittal.

Bolted Split-Sleeve Couplings

Style 231S Spare Parts

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxE)

Non-Restrained Expansion Coupling for Stainless Steel Pipe

Refer to publication 60.04



STYLE 231S – SPARE PARTS

PIPE		Max. Work Press.	Pipe End Separation	SPARE PARTS							
inches		psi	Min. – Max.	Restraint Rings	Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Size	Actual Pipe O.D. Range		inches	No. Required	Price Each	Price Per 2				No.	Price Each
3	2.88 – 3.50	300	0 – 0.75	1	\$330.50	\$877.00	\$1212.50	\$1212.50	+	1	\$1235.00
4	3.63 – 4.88	300	0 – 0.75	1	330.50	877.00	1212.50	1212.50	+	1	1235.00
6	5.00 – 6.88	300	0 – 1.25	1	330.50	877.00	1258.00	1299.50	+	1	1601.00
8	7.00 – 8.88	200	0 – 1.50	1	343.00	982.00	1471.50	1560.00	+	1	1838.00
10	9.00 – 10.88	200	0 – 1.50	1	353.50	1013.50	1514.50	1646.00	+	1	1838.00
12	11.00 – 12.88	200	0 – 1.50	1	364.00	1049.00	1601.50	1732.50	+	1	1838.00
14	13.00 – 14.88	200	0 – 1.50	1	364.00	1080.00	1646.00	1774.50	+	1	1838.00
16	15.00 – 16.88	200	0 – 1.50	1	375.50	1183.00	1817.00	2076.50	+	1	1838.00
		300	0 – 2.00	2	375.50	1183.00	1817.00	2076.50	+	1	1838.00
			0 – 3.00	2	375.50	1183.00	1817.00	2076.50	+	1	1838.00
			0 – 4.00	2	375.50	1183.00	1817.00	2076.50	+	1	1838.00
18	17.00 – 18.88	150	0 – 1.50	1	387.50	1207.50	1905.00	2164.00	+	1	1838.00
		250	0 – 2.00	2	387.50	1207.50	1905.00	2164.00	+	1	1838.00
			0 – 3.00	2	387.50	1207.50	1905.00	2164.00	+	1	1838.00
			0 – 4.00	2	387.50	1207.50	1905.00	2164.00	+	1	1838.00
20	19.00 – 21.88	150	0 – 1.50	1	397.50	1248.50	1990.50	2293.00	+	1	1838.00
		250	0 – 2.00	2	397.50	1248.50	1990.50	2293.00	+	1	1838.00
			0 – 3.00	2	397.50	1248.50	1990.50	2293.00	+	1	1838.00
			0 – 4.00	2	397.50	1248.50	1990.50	2293.00	+	1	1838.00
24	22.00 – 26.88	100	0 – 1.50	1	465.50	1409.00	2339.00	2763.50	+	1	1838.00
		150	0 – 2.00	2	465.50	1409.00	2339.00	2763.50	+	1	1838.00
			0 – 3.00	2	465.50	1409.00	2339.00	2763.50	+	1	1838.00
			0 – 4.00	2	465.50	1409.00	2339.00	2763.50	+	1	1838.00
		300	0 – 2.00	2	465.50	1409.00	2339.00	2763.50	+	2	2041.50
			0 – 3.00	2	465.50	1409.00	2339.00	2763.50	+	2	2041.50
			0 – 4.00	2	465.50	1409.00	2339.00	2763.50	+	2	2041.50
			0 – 4.00	2	465.50	1409.00	2339.00	2763.50	+	2	2041.50
30	27.00 – 32.88	100	0 – 2.00	2	488.00	1885.50	3199.50	3848.50	+	1	2041.50
			0 – 3.00	2	488.00	1885.50	3199.50	3848.50	+	1	2041.50
			0 – 4.00	2	488.00	1885.50	3199.50	3848.50	+	1	2041.50
		300	0 – 2.00	2	488.00	1885.50	3199.50	3848.50	+	2	2041.50
			0 – 3.00	2	488.00	1885.50	3199.50	3848.50	+	2	2041.50
			0 – 4.00	2	488.00	1885.50	3199.50	3848.50	+	2	2041.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 231S Spare Parts

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxE)

Non-Restrained Expansion Coupling for
Stainless Steel Pipe

Refer to publication 60.04

STYLE 231S – SPARE PARTS

PIPE		Max. Work Press.	Pipe End Separation	SPARE PARTS							
inches		psi	Min. – Max.	Restraint Rings	Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Size	Actual Pipe O.D. Range		inches	No. Required	Price Each	Price Per 2				No.	Price Each
36	33.00 – 38.88	75	0 – 2.00	2	\$499.00	\$2086.50	\$3547.00	\$4321.50	+	1	\$1827.50
			0 – 3.00	2	499.00	2086.50	3547.00	4321.50	+	1	1827.50
			0 – 4.00	2	499.00	2086.50	3547.00	4321.50	+	1	1827.50
		250	0 – 2.00	2	499.00	2086.50	3547.00	4321.50	+	2	2041.50
			0 – 3.00	2	499.00	2086.50	3547.00	4321.50	+	2	2041.50
			0 – 4.00	2	499.00	2086.50	3547.00	4321.50	+	2	2041.50
42	39.00 – 44.88	50	0 – 2.00	2	527.50	2525.50	4452.00	5488.50	+	1	1827.50
			0 – 3.00	2	527.50	2525.50	4452.00	5488.50	+	1	1827.50
			0 – 4.00	2	527.50	2525.50	4452.00	5488.50	+	1	1827.50
		200	0 – 3.00	2	527.50	2525.50	4452.00	5488.50	+	2	2041.50
			0 – 2.00	2	527.50	2525.50	4452.00	5488.50	+	2	2041.50
			0 – 4.00	2	527.50	2525.50	4452.00	5488.50	+	2	2041.50
48	45.00 – 50.88	50	0 – 2.00	2	586.00	2726.50	4839.00	6047.00	+	1	1827.50
			0 – 3.00	2	586.00	2726.50	4839.00	6047.00	+	1	1827.50
			0 – 4.00	2	586.00	2726.50	4839.00	6047.00	+	1	1827.50
		200	0 – 2.00	2	586.00	2726.50	4839.00	6047.00	+	2	2041.50
			0 – 3.00	2	586.00	2726.50	4839.00	6047.00	+	2	2041.50
			0 – 4.00	2	586.00	2726.50	4839.00	6047.00	+	2	2041.50
54	51.00 – 56.88	25	0 – 2.00	2	+	+	+	+	+	1	+
			0 – 3.00	2	+	+	+	+	+	1	+
			0 – 4.00	2	+	+	+	+	+	1	+
		175	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
60	57.00 – 62.88	25	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
		150	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
66	63.00 – 68.88	150	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
72	69.00 – 74.88	125	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 231S Spare Parts

NON-RESTRAINED FLEXIBLE EXPANSION COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxE)

Non-Restrained Expansion Coupling for
Stainless Steel Pipe

Refer to publication 60.04

STYLE 231S – SPARE PARTS

PIPE		Max. Work Press.	Pipe End Separation	SPARE PARTS							
inches		psi	Min. – Max.	Restraint Rings	Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Size	Actual Pipe O.D. Range		inches	No. Required	Price Each	Price Per 2				No.	Price Each
78	75.00 – 80.88	125	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
84	81.00 – 86.88	100	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
90	87.00 – 92.88	100	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+
96	93.00 – 102.00	100	0 – 2.00	2	+	+	+	+	+	2	+
			0 – 3.00	2	+	+	+	+	+	2	+
			0 – 4.00	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 232

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
Restrained Flexible Coupling
Refer to publication 60.05



STYLE 232 – RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS		
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension	
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			Price Each (7)	No.	Dia. x Length	
8	7.00 – 8.88	200	1	21.0	\$5534.00	\$5676.50	\$5747.00	\$251.50	3	5/8 x 5	
		300	1	28.0	7707.00	7921.00	8062.00	289.00	3	5/8 x 5	
10	9.00 – 10.88	200	1	24.0	5837.50	5979.50	6085.00	323.00	3	5/8 x 5	
		300	1	41.0	8173.00	8422.00	8635.00	359.50	3	5/8 x 5	
12	11.00 – 12.88	150	1	28.0	6057.50	6197.50	6340.00	359.50	3	5/8 x 5	
		300	1	45.0	8889.50	9173.00	9420.00	394.00	3	3/4 x 6	
14	13.00 – 14.88	100	1	31.0	6276.50	6455.00	6596.00	394.00	3	5/8 x 5	
		300	1	50.0	9304.00	9586.50	9868.50	465.00	3	3/4 x 6	
16	15.00 – 16.88	75	1	44.0	6772.00	6950.50	7126.50	465.00	3	3/4 x 6	
		200	1	57.0	9991.50	10416.00	10803.50	499.00	3	3/4 x 6	
		300	1	85.0	12520.50	13157.00	13723.50	606.50	4	3/4 x 6	
18	17.00 – 18.88	50	1	48.0	7021.00	7232.50	7408.50	499.00	3	3/4 x 6	
		200	1	62.0	10486.00	10945.50	11370.50	536.50	3	3/4 x 6	
		300	1	94.0	13154.50	13862.00	14498.00	678.00	4	3/4 x 6	
20	19.00 – 21.88	25	1	52.0	7349.50	7597.00	7774.00	571.50	3	3/4 x 6	
		200	1	68.0	11118.00	11649.00	12108.50	606.50	3	3/4 x 6	
		300	1	102.0	14448.00	15226.50	15932.50	747.00	4	3/4 x 6	
24	22.00 – 26.88	25	1	61.0	8094.00	8447.00	8766.50	678.00	3	3/4 x 6	
		150	1	81.0	12822.50	13637.50	14381.00	747.00	3	3/4 x 6	
		250	1	119.0	16124.50	17080.00	18000.00	926.00	4	3/4 x 6	
		300	2	248.0	27457.00	28625.50	29684.50	926.00	8	7/8 x 8	
30	27.00 – 32.88	100	1	97.0	14639.50	15560.50	16444.00	889.00	3	3/4 x 6	
		200	1	146.0	17803.50	18932.50	19961.50	1103.00	4	3/4 x 6	
		300	2	293.0	29987.50	31331.00	32571.50	1103.00	8	7/8 x 8	

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 232

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
 Restrained Flexible Coupling
 Refer to publication 60.05

STYLE 232 – RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
36	33.00 – 38.88	150	1	171.0	\$20030.00	\$21375.50	\$22612.00	\$1137.50	4	$\frac{3}{4}$ x 6
		250	2	337.0	32711.50	34303.50	35788.00	1173.50	8	$\frac{7}{8}$ x 8
		300	2	520.0	42614.00	44489.00	46221.50	1207.00	8	1 x 8
42	39.00 – 44.88	150	1	195.0	22121.50	23678.00	25092.50	1103.00	4	$\frac{3}{4}$ x 6
		200	2	381.0	35653.50	37494.00	39227.00	1173.50	8	$\frac{7}{8}$ x 8
		300	2	590.0	46658.00	48816.00	50831.00	1207.00	8	1 x 8
48	45.00 – 50.88	100	1	220.0	24128.50	25898.00	27523.50	1064.50	4	$\frac{3}{4}$ x 6
		150	2	425.0	38517.00	40604.00	42582.00	1137.50	8	$\frac{7}{8}$ x 8
		250	2	658.0	50648.00	53089.50	55420.00	1137.50	8	1 x 8
		300	2	864.0	59202.50	62952.00	66452.50	1173.50	8	1 x 8
54	51.00 – 56.88	150	2	459.0	41129.00	43462.00	45656.50	1103.00	8	$\frac{7}{8}$ x 8
		200	2	727.0	54442.00	57202.00	59784.00	1064.50	8	1 x 8
		250	2	956.0	63932.50	68107.00	72067.00	1064.50	8	1 x 8
		300	2	1434.0	80877.50	84061.00	87065.00	1137.50	10	1 $\frac{1}{4}$ x 10
		400	2	1708.0	86791.50	89975.50	92982.00	1173.50	10	1 $\frac{1}{4}$ x 10
60	57.00 – 62.88	150	2	503.0	44952.50	47536.50	49975.00	1030.50	8	$\frac{7}{8}$ x 8
		200	2	796.0	58404.50	61445.00	64310.50	1064.50	8	1 x 8
		250	2	1047.0	69379.50	74011.50	78362.50	1103.00	8	1 x 8
		300	2	1567.0	86268.00	89805.50	93131.50	1103.00	10	1 $\frac{1}{4}$ x 10
		400	2	1869.0	92679.50	96216.00	99540.50	1137.50	10	1 $\frac{1}{4}$ x 10
66	63.00 – 68.88	100	2	537.0	47537.50	50367.50	53055.00	1030.50	8	$\frac{7}{8}$ x 8
		150	2	849.0	62090.00	65417.00	68564.00	1030.50	8	1 x 8
		200	2	1139.0	74111.50	79170.50	83978.50	1064.50	8	1 x 8
		250	2	1675.0	91467.50	95322.00	99001.50	1064.50	10	1 $\frac{1}{4}$ x 10
		350	2	1997.0	98289.00	102144.00	105823.00	1103.00	10	1 $\frac{1}{4}$ x 10

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 $\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 232

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
 Restrained Flexible Coupling
 Refer to publication 60.05

STYLE 232 – RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
72	69.00 – 74.88	100	2	581.0	\$51527.00	\$54604.50	\$57540.50	\$995.50	8	7/8 x 8
		150	2	918.0	67482.00	71124.50	74555.50	995.50	8	1 x 8
		200	2	1231.0	81071.00	86587.00	91822.00	1030.50	8	1 x 8
		250	2	1816.0	98125.50	102333.00	106330.00	1064.50	10	1 1/4 x 10
		350	2	2169.0	105496.50	109706.00	113702.50	1103.00	10	1 1/4 x 10
78	75.00 – 80.88	100	2	614.0	+	+	+	+	8	7/8 x 8
		150	2	987.0	+	+	+	+	8	1 x 8
		175	2	1322.0	+	+	+	+	8	1 x 8
		200	2	1924.0	+	+	+	+	10	1 1/4 x 10
		300	2	2297.0	+	+	+	+	10	1 1/4 x 10
84	81.00 – 86.88	100	2	658.0	+	+	+	+	8	7/8 x 8
		150	2	1040.0	+	+	+	+	8	1 x 8
		175	2	1394.0	+	+	+	+	8	1 x 8
		200	2	2056.0	+	+	+	+	10	1 1/4 x 10
		300	2	2458.0	+	+	+	+	10	1 1/4 x 10
90	87.00 – 92.88	100	2	692.0	+	+	+	+	8	7/8 x 8
		125	2	1093.0	+	+	+	+	8	1 x 8
		150	2	1485.0	+	+	+	+	8	1 x 8
		200	2	2170.0	+	+	+	+	10	1 1/4 x 10
		250	2	2594.0	+	+	+	+	10	1 1/4 x 10
96	93.00 – 101.88	100	2	745.0	+	+	+	+	8	7/8 x 8
		125	2	1176.0	+	+	+	+	8	1 x 8
		150	2	1595.0	+	+	+	+	8	1 x 8
		200	2	2277.0	+	+	+	+	10	1 1/4 x 10
		250	2	2721.0	+	+	+	+	10	1 1/4 x 10

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 232

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
 Restrained Flexible Coupling
 Refer to publication 60.05

STYLE 232 – RESTRAINED FLEXIBLE COUPLING

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
108	102.00 – 113.88	75	2	813.0	+	+	+	+	8	$\frac{7}{8}$ x 8
		100	2	1298.0	+	+	+	+	8	1 x 8
		150	2	2493.0	+	+	+	+	10	1 $\frac{1}{4}$ x 10
		200	2	2977.0	+	+	+	+	10	1 $\frac{1}{4}$ x 10
120	114.00 – 125.88	75	2	890.0	+	+	+	+	8	$\frac{7}{8}$ x 8
		100	2	1420.0	+	+	+	+	8	1 x 8
		150	2	2741.0	+	+	+	+	10	1 $\frac{1}{4}$ x 10
		200	2	3275.0	+	+	+	+	10	1 $\frac{1}{4}$ x 10
144	126.00 – 150.00	50	2	1026.0	+	+	+	+	8	$\frac{7}{8}$ x 8
		100	2	2249.0	+	+	+	+	8	1 x 8
		125	2	3173.0	+	+	+	+	10	1 $\frac{1}{4}$ x 10
		175	2	3788.0	+	+	+	+	10	1 $\frac{1}{4}$ x 10

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 $\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

C 0232 0144 50 S 2 D E P S SO

Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring and Pipe Material
		Inches [^]	Fraction							
C	0232	0007 through 0150	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	S – Carbon	1 – One 2 – Two	A – 25/170 B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2065 L – 350/2410 M – 400/2750	E – EPDM I – Isoprene L – Silicone T – Nitrile V – Neoprene O – Fluoro-elastomer	F – Fusion bonded epoxy P – Orange enamel T – Shop primer B – Liquid epoxy N – Fusion bonded nylon G – Galvanized 0 – None	S – Carbon X – Stainless	SO – Carbon Steel Ring on Carbon Steel Pipe XO – Stainless Steel Ring on Stainless Steel Pipe

[^] Couplings are available in a range of nominal sizes from 8 – 144".

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

NOTE: Carbon steel rings for ductile iron pipe available. Contact Victaulic for details.

Bolted Split-Sleeve Couplings

Style 232 Spare Parts

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
 Restrained Flexible Coupling
 Refer to publication 60.05



STYLE 232 – SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS							
inches			Restraint Rings	Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range	psi	No. Required	Price Each	Price Per 2				No.	Price Each
8	7.00 – 8.88	200	2	\$330.50	\$915.00	\$1343.00	\$1387.50	+	1	\$1505.00
		300	2	330.50	982.00	1471.50	1560.00	+	1	1505.00
10	9.00 – 10.88	200	2	330.50	947.00	1387.50	1429.50	+	1	1505.00
		300	2	330.50	1013.50	1514.50	1646.00	+	1	1505.00
12	11.00 – 12.88	150	2	330.50	947.00	1387.50	1471.50	+	1	1505.00
		300	2	330.50	1049.00	1601.50	1732.50	+	1	1505.00
14	13.00 – 14.88	100	2	343.00	982.00	1429.50	1514.50	+	1	1505.00
		300	2	343.00	1080.00	1646.00	1774.50	+	1	1505.00
16	15.00 – 16.88	75	2	343.00	982.00	1471.50	1560.00	+	1	1505.00
		200	2	343.00	1183.00	1817.00	2076.50	+	1	1505.00
		300	2	343.00	1347.00	2164.00	2553.00	+	1	2041.50
18	17.00 – 18.88	50	2	343.00	1013.50	1514.50	1601.50	+	1	1505.00
		200	2	343.00	1212.50	1905.00	2164.00	+	1	1505.00
		300	2	353.50	1386.00	2293.00	2682.50	+	1	2041.50
20	19.00 – 21.88	25	2	343.00	1013.50	1514.50	1646.00	+	1	1505.00
		200	2	353.50	1251.50	1990.50	2293.00	+	1	1505.00
		300	2	364.00	1453.50	2422.00	2854.50	+	1	2041.50
24	22.00 – 26.88	25	2	353.50	1115.50	1732.50	1905.00	+	1	1505.00
		150	2	364.00	1481.50	2466.50	2940.50	+	1	1505.00
		250	2	387.50	1618.00	2768.50	3286.50	+	1	1827.50
		300	2	444.00	1856.00	3157.50	3848.50	+	2	2041.50
30	27.00 – 32.88	100	2	375.50	1587.00	2682.50	3199.50	+	1	1505.00
		200	2	410.00	1752.00	3025.50	3674.50	+	1	2041.50
		300	2	465.50	2020.50	3501.50	4234.50	+	2	1827.50
36	33.00 – 38.88	150	2	433.00	1952.50	3372.00	4150.00	+	1	2041.50
		250	2	488.00	2221.50	3933.00	4839.00	+	2	1827.50
		300	2	545.00	2489.50	4410.00	5488.50	+	2	2148.50
42	39.00 – 44.88	150	2	455.00	2124.50	3761.50	4623.00	+	1	2041.50
		200	2	511.50	2460.00	4321.50	5401.00	+	2	1827.50
		300	2	578.50	2759.00	4926.50	6179.00	+	2	2148.50
48	45.00 – 50.88	100	2	476.50	2324.00	4105.50	5100.00	+	1	2041.50
		150	2	534.00	2660.50	4754.50	5963.50	+	2	1827.50
		250	2	600.50	2994.50	5444.50	6825.50	+	2	2148.50
		300	2	781.00	4102.00	7644.50	9805.00	+	2	2148.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 232 Spare Parts

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
 Restrained Flexible Coupling
 Refer to publication 60.05

STYLE 232 – SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS							
inches		psi	Restraint Rings	Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range		No. Required	Price Each	Price Per 2				No.	Price Each
54	51.00 – 56.88	150	2	\$556.00	\$2861.00	\$5186.00	\$6523.50	+	2	\$1827.50
		200	2	633.50	3266.00	5918.00	7517.00	+	2	2148.50
		250	2	825.50	4476.00	8381.50	8100.00	+	2	2148.50
		300	2	1095.50	3766.00	6869.50	8683.00	+	2	2877.00
		400	2	1095.50	3766.00	6869.50	8683.00	+	2	2877.00
60	57.00 – 62.88	150	2	578.50	3094.50	5617.00	7127.00	+	2	1827.50
		200	2	657.50	3496.50	6437.00	8163.50	+	2	2148.50
		250	2	872.50	4876.50	9155.50	8811.50	+	2	2148.50
		300	2	1153.50	4069.00	7428.50	9459.50	+	2	2877.00
		400	2	1153.50	4069.00	7428.50	9459.50	+	2	2877.00
66	63.00 – 68.88	100	2	600.50	3295.50	6047.00	7690.00	+	2	1827.50
		150	2	690.00	3734.00	6911.00	8854.00	+	2	2148.50
		200	2	915.50	5243.50	9892.00	9566.50	+	2	2148.50
		250	2	1207.50	4338.50	8034.00	10278.50	+	2	2877.00
		350	2	1207.50	4338.50	8034.00	10278.50	+	2	2877.00
72	69.00 – 74.88	100	2	624.00	3496.50	6480.00	8251.00	+	2	1827.50
		150	2	714.00	4005.00	7428.50	9504.00	+	2	2148.50
		200	2	961.00	5614.50	10667.00	10280.00	+	2	2148.50
		250	2	1287.00	4640.00	8597.00	11056.50	+	2	2877.00
		350	2	1287.00	4640.00	8597.00	11056.50	+	2	2877.00
78	75.00 – 80.88	100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		175	2	+	+	+	+	+	2	+
		200	2	+	+	+	+	+	2	+
		300	2	+	+	+	+	+	2	+
84	81.00 – 86.88	100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		175	2	+	+	+	+	+	2	+
		200	2	+	+	+	+	+	2	+
		300	2	+	+	+	+	+	2	+
90	87.00 – 92.88	100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		200	2	+	+	+	+	+	2	+
		250	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 232 Spare Parts

RESTRAINED FLEXIBLE COUPLING

(Formerly FxF)
 Restrained Flexible Coupling
 Refer to publication 60.05

STYLE 232 – SPARE PARTS

PIPE		Max. Work Press.	SPARE PARTS							
inches			Restraint Rings	Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range	psi	No. Required	Price Each	Price Per 2				No.	Price Each
96	93.00 – 101.88	100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		200	2	+	+	+	+	+	2	+
		250	2	+	+	+	+	+	2	+
108	102.00 – 113.88	75	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		200	2	+	+	+	+	+	2	+
120	114.00 – 125.88	75	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		200	2	+	+	+	+	+	2	+
144	126.00 – 150.00	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
		175	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 232S

RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxF)
 Restrained Flexible Coupling for Stainless Steel Pipe
 Refer to publication 60.06



STYLE 232S – RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			No.	Dia. x Length
3	2.88 - 3.50	300	1	5.0	\$3963.50	\$4106.00	\$4106.00	3	1/2 x 3/4
4	3.63 - 4.88	300	1	5.0	4103.00	4245.50	4245.50	3	1/2 x 3/4
6	5.00 - 6.88	300	1	12.0	4653.50	4796.00	4796.00	3	1/2 x 3/4
8	7.00 - 8.88	200	1	21.0	6662.00	6803.50	6875.50	3	5/8 x 5
		300	1	39.0	11312.00	11523.50	11665.50	3	5/8 x 5
10	9.00 - 10.88	200	1	24.0	7294.00	7437.50	7543.00	3	5/8 x 5
		250	1	42.0	12188.50	12438.50	12650.50	3	5/8 x 5
12	11.00 - 12.88	150	1	28.0	7678.00	7820.50	7961.50	3	5/8 x 5
		250	1	53.0	15024.50	15307.00	15556.50	3	3/4 x 6
14	13.00 - 14.88	100	1	31.0	8094.00	8270.50	8411.50	3	5/8 x 5
		250	1	59.0	15905.00	16188.00	16471.50	3	3/4 x 6
16	15.00 - 16.88	75	1	48.0	10264.50	10441.50	10620.00	3	3/4 x 6
		250	1	66.0	17060.50	17485.00	17873.50	3	3/4 x 6
18	17.00 - 18.88	50	1	52.0	10980.00	11193.50	11370.50	3	3/4 x 6
		200	1	72.0	18076.00	18537.50	18962.00	3	3/4 x 6
20	19.00 - 21.88	25	1	56.0	11722.50	11971.50	12148.00	3	3/4 x 6
		200	1	77.0	19399.00	19929.50	20388.50	3	3/4 x 6
24	22.00 - 26.88	25	1	66.0	13154.50	13542.50	13862.00	3	3/4 x 6
		100	1	91.0	22865.00	23606.50	24315.50	3	3/4 x 6
		200	1	134.0	30015.50	30936.50	31782.50	4	3/4 x 6
30	27.00 - 32.88	100	1	109.0	25835.50	26756.00	27639.00	3	3/4 x 6
		150	1	162.0	34086.50	35219.00	36246.00	4	3/4 x 6
		200	2	342.0	59696.00	61041.50	62279.50	8	7/8 x 8
36	33.00 - 38.88	100	1	127.0	28805.00	29901.00	30929.50	3	3/4 x 6
		150	1	190.0	38020.50	39367.00	40604.00	4	7/8 x 8
		175	2	394.0	65912.00	67504.00	68990.50	8	7/8 x 8
		200	2	594.0	117737.00	119612.50	121344.50	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

Bolted Split-Sleeve Couplings

Style 232S

RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxF)

Restrained Flexible Coupling for Stainless

Steel Pipe

Refer to publication 60.06

STYLE 232S – RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			No.	Dia. x Length
42	39.00 – 44.88	100	1	217.0	\$42285.00	\$43842.50	\$45255.50	4	3/4 x 6
		150	2	442.0	72543.00	74382.00	76115.00	8	7/8 x 8
		200	2	670.0	130335.00	132493.50	134510.00	8	1 x 8
48	45.00 – 50.88	50	1	244.0	47400.50	49169.00	50795.50	4	3/4 x 6
		100	2	489.0	79336.50	81422.50	83405.00	8	7/8 x 8
		150	2	744.0	143788.00	146229.50	148560.50	8	1 x 8
54	51.00 – 56.88	50	1	298.0	+	+	+	4	7/8 x 8
		100	2	523.0	+	+	+	8	7/8 x 8
		150	2	819.0	+	+	+	8	1 x 8
60	57.00 – 62.88	50	2	376.0	+	+	+	8	7/8 x 8
		100	2	571.0	+	+	+	8	7/8 x 8
		150	2	894.0	+	+	+	8	1 x 8
66	63.00 – 68.88	50	2	606.0	+	+	+	8	7/8 x 8
		150	2	951.0	+	+	+	8	1 x 8
72	69.00 – 74.88	50	2	654.0	+	+	+	8	7/8 x 8
		100	2	1027.0	+	+	+	8	1 x 8
78	75.00 – 80.88	50	2	691.0	+	+	+	8	7/8 x 8
		100	2	1102.0	+	+	+	8	1 x 8
84	81.00 – 86.88	50	2	739.0	+	+	+	8	7/8 x 8
		100	2	1160.0	+	+	+	8	1 x 8
90	87.00 – 92.88	50	2	776.0	+	+	+	8	7/8 x 8
		100	2	1217.0	+	+	+	8	1 x 8
96	93.00 – 102.00	50	2	834.0	+	+	+	8	7/8 x 8
		75	2	1307.0	+	+	+	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

Bolted Split-Sleeve Couplings

C 0232 0096 50 X 2 C E O X XO

Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring and Pipe Material
		Inches^	Fraction							
C	0232	0002 through 0102	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	X – Stainless	1 – One 2 – Two	A – 25/170 B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2065	E – EPDM I – Isoprene L – Silicone T – Nitrile V – Neoprene O – Fluoro-elastomer	0 – None	X – Stainless	XO – Stainless Steel Ring on Stainless Steel Pipe SO – Carbon Steel Ring on Carbon Steel Pipe

^ Couplings are available in a range of nominal sizes from 3 – 96".

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 232S Spare Parts

RESTRAINED FLEXIBLE FOR STAINLESS STEEL PIPE

(Formerly FxF)
 Restrained Flexible Coupling for Stainless Steel Pipe
 Refer to publication 60.06



STYLE 232S – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS						
inches				Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range	psi	No. Required	Price Each	Price Per 2				No.	Price Each
3	2.88 – 3.50	300	2	\$320.50	\$877.00	\$1212.50	\$1212.50	+	1	\$1235.00
4	3.63 – 4.88	300	2	330.50	877.00	1212.50	1212.50	+	1	1235.00
6	5.00 – 6.88	300	2	330.50	877.00	1258.00	1299.50	+	1	1601.00
8	7.00 – 8.88	200	2	343.00	982.00	1343.00	1560.00	+	1	1838.00
		300	2	353.50	982.00	1471.50	1560.00	+	1	1838.00
10	9.00 – 10.88	200	2	353.50	1013.50	1387.50	1646.00	+	1	1838.00
		250	2	353.50	1013.50	1514.50	1646.00	+	1	1838.00
12	11.00 – 12.88	150	2	364.00	1049.00	1387.50	1732.50	+	1	1838.00
		250	2	364.00	1049.00	1601.50	1732.50	+	1	1838.00
14	13.00 – 14.88	100	2	364.00	1080.00	1429.50	1774.50	+	1	1838.00
		250	2	364.00	1080.00	1646.00	1774.50	+	1	1838.00
16	15.00 – 16.88	75	2	375.50	1183.00	1471.50	2076.50	+	1	1838.00
		250	2	375.50	1183.00	1817.00	2076.50	+	1	1838.00
18	17.00 – 18.88	50	2	387.50	1212.50	1514.50	2164.00	+	1	1838.00
		200	2	387.50	1212.50	1905.00	2164.00	+	1	1838.00
20	19.00 – 21.88	25	2	397.50	1248.50	1514.50	2293.00	+	1	1838.00
		200	2	397.50	1248.50	1990.50	2293.00	+	1	1838.00
24	22.00 – 26.88	25	2	410.00	1409.00	1774.50	2763.50	+	1	1838.00
		100	2	465.00	1409.00	2378.00	2763.50	+	1	1838.00
		200	2	522.50	1409.00	2682.50	2763.50	+	1	2388.00
30	27.00 – 32.88	100	2	488.00	1885.50	2682.50	3848.50	+	1	1838.00
		150	2	565.50	1885.50	3025.50	3848.50	+	1	2388.00
		200	2	657.50	1885.50	3588.00	3848.50	+	2	2388.00
36	33.00 – 38.88	100	2	575.00	2086.50	2984.50	4321.50	+	1	1838.00
		150	2	612.00	2086.50	3414.00	4321.50	+	1	2388.00
		175	2	703.50	2086.50	4018.50	4321.50	+	2	2388.00
		200	2	893.00	2086.50	4495.00	4321.50	+	2	2388.00
42	39.00 – 44.88	100	2	657.50	2525.50	3761.50	5488.50	+	1	2388.00
		150	2	743.50	2525.50	4410.00	5488.50	+	2	2388.00
		200	2	961.00	2525.50	5012.50	5488.50	+	2	2388.00
48	45.00 – 50.88	50	2	703.50	2726.50	4150.00	6047.00	+	1	2388.00
		100	2	792.50	2726.50	4839.00	6047.00	+	2	2388.00
		150	2	1029.50	2726.50	5488.50	6047.00	+	2	2388.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 232S Spare Parts

RESTRAINED FLEXIBLE COUPLING FOR STAINLESS STEEL PIPE

(Formerly FxF)

Restrained Flexible Coupling for Stainless
Steel Pipe

Refer to publication 60.06

STYLE 232S – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS						
inches		psi	No. Required	Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range			Price Each	Price Per 2				No.	Price Each
54	51.00 – 56.88	50	2	+	+	+	+	+	1	+
		100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
60	57.00 – 62.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
66	63.00 – 68.88	50	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
72	69.00 – 74.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
78	75.00 – 80.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
84	81.00 – 86.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
90	87.00 – 92.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
96	93.00 – 102.00	50	2	+	+	+	+	+	2	+
		75	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 233

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

(Formerly FxF Modified)
 Restrained Flexible Coupling for Dynamic Joint Deflection
 Refer to publication 60.07



STYLE 233 – RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
8	7.00 – 8.88	300	1	45.0	\$13456.50	\$13670.00	\$13812.50	\$359.50	3	3/4 x 6
10	9.00 – 10.88	300	1	45.0	14393.00	14639.50	14851.50	429.50	3	3/4 x 6
12	11.00 – 12.88	200	1	51.0	15216.00	15498.00	15747.00	499.00	3	3/4 x 6
		300	1	53.0	15381.50	15665.50	15913.00	499.00	3	3/4 x 6
14	13.00 – 14.88	200	1	56.0	15959.00	16244.00	16526.00	536.50	3	3/4 x 6
		300	1	60.0	16151.00	16437.00	16718.00	536.50	3	3/4 x 6
16	15.00 – 16.88	200	1	69.0	18022.00	18483.50	18906.50	606.50	3	3/4 x 6
		300	1	91.0	20690.50	21327.00	21894.50	606.50	3	3/4 x 6
18	17.00 – 18.88	200	1	76.0	19012.00	19545.00	20004.50	678.00	3	3/4 x 6
		300	1	99.0	22506.00	23213.00	23851.00	678.00	3	3/4 x 6
20	19.00 – 21.88	200	1	80.0	20278.00	20842.50	21375.50	747.00	3	3/4 x 6
		300	1	109.0	24019.50	24797.00	25503.50	747.00	3	3/4 x 6
24	22.00 – 26.88	150	1	97.0	24981.00	25868.00	26679.00	889.00	3	3/4 x 6
		250	1	130.0	27706.00	28767.00	29756.50	926.00	3	3/4 x 6
		300	2	250.0	40166.00	41332.50	42394.00	926.00	6	7/8 x 8
30	27.00 – 32.88	100	1	118.0	28366.00	29462.00	30452.50	1064.50	3	3/4 x 6
		200	1	158.0	33425.50	34841.50	36184.50	1103.00	3	3/4 x 6
		300	2	297.0	45116.50	46533.00	47875.50	1103.00	6	7/8 x 8
36	33.00 – 38.88	150	1	187.0	38020.50	39683.00	41276.00	1103.00	3	3/4 x 6
		250	2	343.0	49931.00	51594.00	53185.50	1173.50	6	7/8 x 8
		300	2	543.0	67150.50	69096.00	70970.50	1207.00	8	1 x 8
42	39.00 – 44.88	150	1	215.0	42448.50	44359.50	46163.00	1137.50	3	3/4 x 6
		200	2	390.0	54992.00	56903.50	58706.00	1207.00	6	7/8 x 8
		300	2	617.0	74111.50	76374.00	78497.50	1207.00	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 233

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

(Formerly FxF Modified)

Restrained Flexible Coupling for Dynamic

Joint Deflection

Refer to publication 60.07

STYLE 233 – RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)			Price Each (7)	No.	Dia. x Length
48	45.00 – 50.88	100	1	242.0	\$47924.00	\$50082.50	\$52132.00	\$1207.00	3	3/4 x 6
		150	2	435.0	60467.50	62625.50	64675.50	1207.00	6	7/8 x 8
		250	2	690.0	82003.50	84551.50	86956.00	1207.00	8	1 x 8
		300	2	859.0	95428.00	98825.00	102042.50	1207.00	8	1 x 8
54	51.00 – 56.88	150	2	472.0	66270.50	68676.50	70974.50	1207.00	6	7/8 x 8
		200	2	763.0	88690.50	91520.50	94207.00	1207.00	8	1 x 8
		250	2	951.0	103434.50	107219.50	110826.00	1207.00	8	1 x 8
60	57.00 – 62.88	150	2	518.0	71304.50	73991.50	76502.00	1207.00	6	7/8 x 8
		200	2	837.0	95813.00	98961.00	101932.50	1207.00	8	1 x 8
		250	2	1042.0	112675.50	116851.50	120810.50	1207.00	8	1 x 8
66	63.00 – 68.88	100	2	554.0	75980.50	78916.50	81674.50	1207.00	6	7/8 x 8
		150	2	893.0	102388.00	105820.50	109073.00	1207.00	8	1 x 8
		200	2	1133.0	120817.50	125380.50	129730.50	1207.00	8	1 x 8
72	69.00 – 74.88	100	2	601.0	82225.50	85409.00	88379.50	1207.00	6	7/8 x 8
		150	2	967.0	111547.50	115262.00	118798.50	1207.00	8	1 x 8
		200	2	1224.0	131629.00	136616.00	141320.50	1207.00	8	1 x 8
78	75.00 – 80.88	100	2	637.0	+	+	+	+	6	7/8 x 8
		150	2	1039.0	+	+	+	+	8	1 x 8
		175	2	1315.0	+	+	+	+	8	1 x 8
84	81.00 – 86.88	100	2	684.0	+	+	+	+	6	7/8 x 8
		150	2	1097.0	+	+	+	+	8	1 x 8
		175	2	1387.0	+	+	+	+	8	1 x 8
90	87.00 – 92.88	100	2	719.0	+	+	+	+	6	7/8 x 8
		125	2	1154.0	+	+	+	+	8	1 x 8
		150	2	1478.0	+	+	+	+	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 233

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

(Formerly FxF Modified)
 Restrained Flexible Coupling for Dynamic
 Joint Deflection
 Refer to publication 60.07

STYLE 233 – RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			Coating Adder	SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each * (6)			Price Each (7)	No.	Dia. x Length
96	93.00 – 101.88	100	2	775.0	+	+	+	+	6	$\frac{7}{8}$ x 8
		125	2	1241.0	+	+	+	+	8	1 x 8
		150	2	1587.0	+	+	+	+	8	1 x 8
108	102.00 – 113.88	75	2	846.0	+	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1371.0	+	+	+	+	8	1 x 8
		125	2	1750.0	+	+	+	+	8	1 x 8
120	114.00 – 125.88	75	2	929.0	+	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1502.0	+	+	+	+	8	1 x 8
		125	2	1912.0	+	+	+	+	8	1 x 8
144	126.00 – 150.00	50	2	1073.0	+	+	+	+	6	$\frac{7}{8}$ x 8
		75	2	1746.0	+	+	+	+	8	1 x 8
		100	2	2238.0	+	+	+	+	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to $1\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

C 0233 0144 50 S 2 D E P S SO

Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring and Pipe Material
		Inches [^]	Fraction							
C	0233	0007 through 0150	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	S – Carbon	1 – One 2 – Two	A – 25/170 B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2056	E – EPDM I – Isoprene L – Silicone T – Nitrile V – Neoprene O – Fluoro-elastomer	F – Fusion bonded epoxy P – Orange enamel T – Shop primer B – Liquid epoxy N – Fusion bonded nylon G – Galvanized 0 – None	S – Carbon X – Stainless	SO – Carbon Steel Ring on Carbon Steel Pipe DO – Carbon Steel Ring on Ductile Iron Pipe XO – Stainless Steel Ring on Stainless Steel Pipe

[^] Couplings are available in a range of nominal sizes from 8 – 144".

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 233 Spare Parts

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

(Formerly FxP Modified)
 Restrained Flexible Coupling for Dynamic Joint Deflection
 Refer to publication 60.07



STYLE 233 – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS						
inches				Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range	psi	No. Required	Price Each	Price Per 2				No.	Price Each
8	7.00 – 8.88	300	2	\$320.50	\$982.00	\$1471.50	\$1560.00	+	1	\$2169.50
10	9.00 – 10.88	300	2	330.50	1013.50	1514.50	1646.00	+	1	2169.50
12	11.00 – 12.88	200	2	330.50	1049.00	1601.50	1732.50	+	1	2169.50
		300	2	330.50	1049.00	1601.50	1732.50	+	1	2169.50
14	13.00 – 14.88	200	2	343.00	1080.00	1646.00	1774.50	+	1	2169.50
		300	2	343.00	1080.00	1646.00	1774.50	+	1	2169.50
16	15.00 – 16.88	200	2	343.00	1212.50	1905.00	2164.00	+	1	2169.50
		300	2	353.50	1347.00	2164.00	2553.00	+	1	2169.50
18	17.00 – 18.88	200	2	343.00	1251.50	1990.50	2293.00	+	1	2169.50
		300	2	353.50	1386.00	2293.00	2682.50	+	1	2169.50
20	19.00 – 21.88	200	2	353.50	1279.50	2076.50	2422.00	+	1	2169.50
		300	2	364.00	1453.50	2422.00	2854.50	+	1	2169.50
24	22.00 – 26.88	150	2	364.00	1549.50	2595.00	3114.00	+	1	2169.50
		250	2	387.50	1720.00	2897.50	3501.50	+	1	2169.50
		300	2	433.00	1856.00	3157.50	3804.00	+	2	2169.50
30	27.00 – 32.88	100	2	375.50	1720.00	2940.50	3547.00	+	1	2169.50
		200	2	410.00	2020.50	3501.50	4321.50	+	1	2169.50
		300	2	455.00	2057.50	3588.00	4410.00	+	2	2169.50
36	33.00 – 38.88	150	2	433.00	2221.50	3933.00	4926.50	+	1	2169.50
		250	2	476.50	2287.00	4018.50	4969.00	+	2	2169.50
		300	2	545.00	2555.50	4581.00	5704.50	+	2	2169.50
42	39.00 – 44.88	150	2	465.50	2460.00	4365.50	5488.50	+	1	2169.50
		200	2	499.00	2489.50	4452.00	5574.50	+	2	2169.50
		300	2	575.00	2826.50	5100.00	6394.50	+	2	2169.50
48	45.00 – 50.88	100	2	488.00	2660.50	4797.50	6047.00	+	1	2406.50
		150	2	522.50	2726.50	4883.50	6136.50	+	2	2406.50
		250	2	825.50	3064.00	5574.50	7041.00	+	2	2406.50
		300	2	690.00	3803.50	7041.00	9027.50	+	2	2406.50
54	51.00 – 56.88	150	2	743.50	2929.00	5314.50	6698.00	+	2	2406.50
		200	2	633.50	3332.50	6092.50	7733.00	+	2	2406.50
		250	2	725.00	4136.50	7690.00	9892.00	+	2	2406.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 233 Spare Parts

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION

(Formerly FxF Modified)

Restrained Flexible Coupling for Dynamic
Joint Deflection

Refer to publication 60.07

STYLE 233 – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS						
inches		psi	No. Required	Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range			Price Each	Price Per 2				No.	Price Each
60	57.00 – 62.88	150	2	\$565.50	\$3130.00	\$5746.50	\$7255.00	+	2	\$2406.50
		200	2	657.50	3566.00	6567.00	8381.50	+	2	2406.50
		250	2	758.50	4476.00	8381.50	10797.50	+	2	2406.50
66	63.00 – 68.88	100	2	590.50	341.50	6179.00	7860.50	+	2	2406.50
		150	2	690.00	3834.00	7086.00	9069.00	+	2	2406.50
		200	2	792.50	4809.50	9027.50	11706.00	+	2	2406.50
72	69.00 – 74.88	100	2	612.00	3566.00	6610.50	8422.50	+	2	2406.50
		150	2	714.00	4069.00	7558.00	9717.50	+	2	2406.50
		200	2	839.00	5144.50	9717.50	12567.00	+	2	2406.50
78	75.00 – 80.88	100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		175	2	+	+	+	+	+	2	+
84	81.00 – 86.88	100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
		175	2	+	+	+	+	+	2	+
90	87.00 – 92.88	100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
96	93.00 – 101.88	100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
108	102.00 – 113.88	75	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
120	114.00 – 125.88	75	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		125	2	+	+	+	+	+	2	+
144	126.00 – 150.00	50	2	+	+	+	+	+	2	+
		75	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 233S

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION FOR STAINLESS STEEL PIPE

(Formerly FxF Modified)

Restrained Flexible Coupling for Dynamic

Joint Deflection for Stainless Steel Pipe

Refer to publication 60.08



STYLE 233S – RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)					with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments (4)	lb (5)	Price Each *			No.	Dia. x Length
8	7.00 – 8.88	300	1	45.0	\$27667.00	\$30434.00	\$30434.00	3	3/4 x 6
10	9.00 – 10.88	250	1	49.0	29634.00	32597.50	32597.50	3	3/4 x 6
12	11.00 – 12.88	250	1	62.0	33107.50	36418.50	36418.50	3	3/4 x 6
14	13.00 – 14.88	250	1	69.0	34940.50	38434.00	38434.00	3	3/4 x 6
16	15.00 – 16.88	250	1	78.0	38755.00	42630.50	42630.50	3	3/4 x 6
18	17.00 – 18.88	200	1	85.0	41064.00	45170.50	45170.50	3	3/4 x 6
20	19.00 – 21.88	200	1	92.0	44780.50	49258.00	49258.00	3	3/4 x 6
24	22.00 – 26.88	100	1	109.0	52406.50	57647.00	57647.00	3	3/4 x 6
		200	1	145.0	60695.00	66765.00	66765.00	3	3/4 x 6
30	27.00 – 32.88	100	1	130.0	59734.50	65708.50	65708.50	3	3/4 x 6
		150	1	175.0	70480.50	77529.00	77529.00	3	3/4 x 6
		200	2	343.0	113729.50	125102.50	125102.50	6	7/8 x 8
36	33.00 – 38.88	100	1	152.0	66154.00	72769.00	72769.00	3	3/4 x 6
		150	1	206.0	79425.50	87369.00	87369.00	3	3/4 x 6
		175	2	393.0	129250.00	142176.00	142176.00	6	7/8 x 8
		200	2	620.0	217678.50	239446.00	239446.00	8	1 x 8
42	39.00 – 44.88	100	1	236.0	90039.00	99042.50	99042.50	3	3/4 x 6
		150	2	444.0	142608.00	156868.50	156868.50	6	7/8 x 8
		200	2	699.0	241683.00	265851.00	265851.00	8	1 x 8
48	45.00 – 50.88	50	1	267.0	101288.00	111417.50	111417.50	3	3/4 x 6
		100	2	494.0	160214.50	176236.50	176236.50	6	7/8 x 8
		150	2	779.0	291819.00	321001.00	321001.00	3	1 x 8
54	51.00 – 56.88	50	1	319.0	+	+	+	3	7/8 x 8
		100	2	534.0	+	+	+	6	7/8 x 8
		150	2	858.0	+	+	+	8	1 x 8
60	57.00 – 62.88	50	2	394.0	+	+	+	6	7/8 x 8
		100	2	584.0	+	+	+	6	7/8 x 8
		150	2	938.0	+	+	+	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

Bolted Split-Sleeve Couplings

Style 233S

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION FOR STAINLESS STEEL PIPE

(Formerly FxF Modified)
Restrained Flexible Coupling for Dynamic
Joint Deflection for Stainless Steel Pipe
Refer to publication 60.08

STYLE 233S – RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE			SPARE PARTS	
inches (1) (2)		psi (3)	Segments (4)	lb (5)	with EPDM, Isoprene, or Silicone O-Ring	with Nitrile O-Ring	with Neoprene O-Ring	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each *			No.	Dia. x Length
66	63.00 – 68.88	50	2	622.0	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1000.0	+	+	+	8	1 x 8
72	69.00 – 74.88	50	2	673.0	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1080.0	+	+	+	8	1 x 8
78	75.00 – 80.88	50	2	712.0	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1159.0	+	+	+	8	1 x 8
84	81.00 – 86.88	50	2	763.0	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1222.0	+	+	+	8	1 x 8
90	87.00 – 92.88	50	2	802.0	+	+	+	6	$\frac{7}{8}$ x 8
		100	2	1283.0	+	+	+	8	1 x 8
96	93.00 – 102.00	50	2	863.0	+	+	+	6	$\frac{7}{8}$ x 8
		75	2	1379.0	+	+	+	8	1 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, o-rings, sealing plate(s) and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

- (1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.
- (2) For an actual pipe O.D., round down to the nearest $\frac{1}{8}$ " to determine proper coupling size required.
- (3) For allowable test or transient pressure, the maximum working pressure may be increased to $1\frac{1}{2}$ times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.
- (4) One-segment couplings may be available as two-segment couplings to allow for in-place pipe installations. Contact Victaulic for details.
- (5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

Bolted Split-Sleeve Couplings

C

0233

0096

50

X

2

C

E

0

X

XO

Class

Style

Actual Pipe O.D. *

Inches^

Fraction

Body Type

Segments

PSI/kPa Rating

Rubber Compound

Paint

Hardware

Ring and Pipe Material

C

0233

0007 through 0102

00 – 0
13 – ¼
25 – ¼
38 – ¾
50 – ½
63 – ¾
75 – ¾
88 – ¾

X – Stainless

1 – One
2 – Two

B – 50/345
C – 75/515
D – 100/690
E – 125/860
F – 150/1035
G – 175/1200
H – 200/1375
J – 250/1725
K – 300/2065

E – EPDM
I – Isoprene
L – Silicone
T – Nitrile
V – Neoprene
O – Fluoro-elastomer

0 – None

X – Stainless

XO – Stainless Steel Ring on Stainless Steel Pipe
SO – Carbon Steel Ring on Carbon Steel Pipe
DO – Carbon Steel Ring on Ductile Iron Pipe

^ Couplings are available in a range of nominal sizes from 8 – 96".
 * For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 233S Spare Parts

RESTRAINED FLEXIBLE COUPLING FOR DYNAMIC JOINT DEFLECTION FOR STAINLESS STEEL PIPE

(Formerly FxF Modified)
Restrained Flexible Coupling for Dynamic
Joint Deflection for Stainless Steel Pipe
Refer to publication 60.08



STYLE 233S – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS						
inches				Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range	psi	No. Required	Price Each	Price Per 2				No.	Price Each
8	7.00 – 8.88	300	2	\$353.50	\$982.00	\$1471.50	\$1560.00	+	1	\$2169.50
10	9.00 – 10.88	250	2	353.50	1013.50	1514.50	1646.00	+	1	2169.50
12	11.00 – 12.88	250	2	364.00	1049.00	1601.50	1732.50	+	1	2169.50
14	13.00 – 14.88	250	2	375.50	1080.00	1646.00	1774.50	+	1	2169.50
16	15.00 – 16.88	250	2	375.50	1212.50	1905.00	2164.00	+	1	2169.50
18	17.00 – 18.88	200	2	387.50	1251.50	1990.50	2293.00	+	1	2169.50
20	19.00 – 21.88	200	2	397.50	1279.50	2076.50	2422.00	+	1	2169.50
24	22.00 – 26.88	100	2	421.50	1520.50	2508.50	2984.50	+	1	2169.50
		200	2	522.50	1587.00	2682.50	3199.50	+	1	2169.50
30	27.00 – 32.88	100	2	455.00	1684.50	2854.50	3459.50	+	1	2169.50
		150	2	565.50	1856.00	3242.00	3933.00	+	1	2169.50
		200	2	633.50	2057.50	3547.00	4278.00	+	2	2169.50
36	33.00 – 38.88	100	2	476.50	1752.00	2984.50	3630.50	+	1	2406.50
		150	2	612.00	2057.50	3630.50	4452.00	+	1	2406.50
		175	2	679.00	2255.50	3976.50	4883.50	+	2	2406.50
		200	2	893.00	2555.50	4495.00	5574.50	+	2	2406.50
42	39.00 – 44.88	100	2	657.50	2255.50	4018.50	5012.50	+	1	2406.50
		150	2	725.00	2489.50	4365.50	5444.50	+	2	2406.50
		200	2	961.00	2826.50	5012.50	6265.00	+	2	2406.50
48	45.00 – 50.88	50	2	725.00	2460.00	4410.00	5529.50	+	1	2406.50
		100	2	781.00	2691.00	4797.50	6005.50	+	2	2406.50
		150	2	1051.50	3064.00	5488.50	6911.00	+	2	2406.50
54	51.00 – 56.88	50	2	+	+	+	+	+	1	+
		100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
60	57.00 – 62.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
		150	2	+	+	+	+	+	2	+
66	63.00 – 68.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
72	69.00 – 74.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
78	75.00 – 80.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 233S Spare Parts

**RESTRAINED FLEXIBLE COUPLING
FOR DYNAMIC JOINT DEFLECTION FOR
STAINLESS STEEL PIPE**

(Formerly FxF Modified)
Restrained Flexible Coupling for Dynamic
Joint Deflection for Stainless Steel Pipe
Refer to publication 60.08

STYLE 233S – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS						
inches		psi	No. Required	Stainless Steel Restraint Ring	EPDM, Isoprene, or Silicone O-Ring	Nitrile O-Ring	Neoprene O-Ring	Fluoroelastomer O-Ring	Segments	Sealing Plate #†
Nom. Dia.	Actual Pipe O.D. Range			Price Each	Price Per 2				No.	Price Each
84	81.00 – 86.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
90	87.00 – 92.88	50	2	+	+	+	+	+	2	+
		100	2	+	+	+	+	+	2	+
96	93.00 – 102.00	50	2	+	+	+	+	+	2	+
		75	2	+	+	+	+	+	2	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Sealing plate price shown for EPDM, Isoprene, Silicone, Nitrile, and Neoprene. Where other sealing pad material is needed to match the o-ring material used, contact Victaulic for pricing.

† Number of sealing plates required equals number of housing segments.

Bolted Split-Sleeve Couplings

Style 234

RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING

(Formerly Fluidmaster)
Restrained Flexible Single-Gasket Coupling
Refer to publication 60.09



STYLE 234 – RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE		Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Segments	lb (5)	with EPDM or Silicone Gasket	with Nitrile Gasket	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)		Price Each (7)	No.	Dia. x Length
8	8.00 – 8.88	300	2	18.0	\$6248.50	\$6389.00	\$146.50	4	¾ x 6
10	9.00 – 10.88	300	2	21.0	6440.50	6583.00	146.50	4	¾ x 6
12	11.00 – 12.88	250	2	23.0	6635.00	6777.00	174.00	4	¾ x 6
		300	2	25.0	6662.00	6803.50	174.00	4	¾ x 6
14	13.00 – 14.88	150	2	25.0	6799.50	6940.00	210.50	4	¾ x 6
		300	2	28.0	6827.50	6969.00	210.50	4	¾ x 6
16	15.00 – 16.88	250	2	30.0	7212.00	7354.50	251.00	4	¾ x 6
		300	2	63.0	10485.00	10624.00	326.00	6	¾ x 6
18	17.00 – 18.88	250	2	33.0	7376.50	7519.50	251.00	4	¾ x 6
		300	2	69.0	10788.50	10931.00	326.00	6	¾ x 6
20	19.00 – 21.88	200	2	35.0	7652.00	7793.00	301.00	4	¾ x 6
		300	2	75.0	11228.00	11370.50	391.00	6	¾ x 6
24	22.00 – 26.88	150	2	40.0	8119.00	8261.50	301.00	4	¾ x 6
		250	2	88.0	11942.00	12083.50	391.00	6	¾ x 6
		300	2	115.0	20197.00	20337.00	391.00	6	7/8 x 8
30	27.00 – 32.88	100	2	48.0	9276.00	9415.50	361.50	4	¾ x 6
		200	2	106.0	14502.00	14643.00	469.00	6	¾ x 6
		300	2	137.0	22836.00	22976.50	469.00	6	7/8 x 8
36	33.00 – 38.88	150	2	124.0	15436.50	15614.50	433.50	6	¾ x 6
		250	2	159.0	24350.50	24527.00	433.50	6	7/8 x 8
		300	2	197.0	33921.50	34170.00	562.00	6	7/8 x 8
42	39.00 – 44.88	150	2	142.0	16454.50	16668.00	433.50	6	¾ x 6
		200	2	181.0	25946.50	26158.00	433.50	6	7/8 x 8
		300	2	226.0	36260.50	36542.50	562.00	6	7/8 x 8
48	45.00 – 50.88	100	2	160.0	17417.50	17666.00	520.50	6	¾ x 6
		150	2	203.0	27485.00	27732.50	520.50	6	7/8 x 8
		250	2	254.0	38542.00	38862.50	674.50	6	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, gasket, sealing plates, and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1 1/2 times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

Style 234

RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING

(Formerly Fluidaster)
Restrained Flexible Single-Gasket Coupling
Refer to publication 60.09

STYLE 234 – RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE		Coating Adder	SPARE PARTS	
inches (1) (2)		psi (3)	Segments	lb (5)	with EPDM or Silicone Gasket	with Nitrile Gasket	Fusion Bonded Nylon Coating	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range				Price Each * (6)		Price Each (7)	No.	Dia. x Length
54	51.00 – 56.88	150	2	226.0	\$28999.50	\$29246.00	\$624.00	6	7/8 x 8
		200	2	282.0	40799.50	41152.50	808.50	6	7/8 x 8
60	57.00 – 62.88	150	2	248.0	30512.00	30794.50	624.00	6	7/8 x 8
		200	2	311.0	43054.00	43444.50	808.50	6	7/8 x 8
66	63.00 – 68.88	100	2	370.0	32025.00	32342.50	747.50	6	7/8 x 8
		150	2	339.0	45308.00	45734.50	969.00	6	7/8 x 8
72	69.00 – 74.88	100	2	292.0	34170.00	34488.50	897.50	6	7/8 x 8
		150	2	368.0	48364.50	48824.50	1162.50	6	7/8 x 8
78	75.00 – 80.88	100	2	314.0	35737.50	36091.50	897.50	6	7/8 x 8
		150	2	396.0	50619.50	51115.00	1162.50	6	7/8 x 8
84	81.00 – 86.88	100	2	336.0	37279.00	37668.00	1076.50	6	7/8 x 8
		150	2	424.0	52957.00	53489.00	1394.50	6	7/8 x 8
90	87.00 – 92.88	100	2	358.0	38845.00	39271.00	1394.50	6	7/8 x 8
96	93.00 – 101.88	100	2	380.0	41100.50	41525.50	1671.50	6	7/8 x 8
108	102.00 – 113.88	75	2	425.0	44237.50	44731.00	+	6	7/8 x 8
		100	2	538.0	64427.50	65101.50	+	6	7/8 x 8
120	114.00 – 126.00	75	2	469.0	48005.50	48537.50	+	6	7/8 x 8
		100	2	594.0	69049.00	69791.00	+	6	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

See product submittal for recommended assembly tool.

* Coupling complete price includes coupling body, fasteners, gasket, sealing plates, and restraint rings.

Note: This data applies when carbon steel couplings are being used on carbon steel pipe. For feasibility and performance on other types of pipe contact Victaulic.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than carbon steel, please contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

(6) Fluoroelastomer o-rings are available for an additional charge. Please specify when ordering.

(7) Optional coatings available upon request. Contact Victaulic for details. Please refer to the product numbering chart for all available coatings. Coatings must be specified at time of order.

Bolted Split-Sleeve Couplings

C 0234 0126 00 S 2 D L P S SO										
Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring and Pipe Material
		Inches^	Fraction							
C	0234	0008 through 0126	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	S – Carbon	2 – Two	A – 25/170 B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375 J – 250/1725 K – 300/2065	E – EPDM L – Silicone T – Nitrile	F – Fusion bonded epoxy P – Orange enamel T – Shop primer B – Liquid epoxy N – Fusion bonded nylon G – Galvanized O – None	S – Carbon X – Stainless	SO – Carbon Steel Ring on Carbon Steel Pipe DO – Carbon Steel Ring on Ductile Iron Pipe XO – Stainless Steel Ring on Stainless Steel Pipe

^ Couplings are available in a range of nominal sizes from 8 – 120".

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 234 Spare Parts

RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING

(Formerly Fluidmaster)
 Restrained Flexible Single-Gasket Coupling
 Refer to publication 60.09



STYLE 234 – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS			
inches		psi	No. Required	Carbon Steel Restraint Ring	EPDM or Silicone Gasket	Nitrile Gasket	Sealing Plate
Nom. Dia.	Actual Pipe O.D. Range			Price Each			
8	8.00 – 8.88	300	2	\$94.50	\$640.00	\$813.00	\$604.50
10	9.00 – 10.88	300	2	94.50	651.00	839.50	604.50
12	11.00 – 12.88	250	2	94.50	677.00	874.00	604.50
		300	2	94.50	677.00	874.00	604.50
14	13.00 – 14.88	150	2	94.50	688.50	899.50	604.50
		300	2	94.50	688.50	899.50	604.50
16	15.00 – 16.88	250	2	94.50	714.00	926.00	797.50
		300	2	94.50	963.00	1336.50	797.50
18	17.00 – 18.88	250	2	94.50	726.00	963.00	797.50
		300	2	94.50	1012.50	1396.50	797.50
20	19.00 – 21.88	200	2	94.50	750.00	998.50	797.50
		300	2	94.50	1074.50	1509.50	797.50
24	22.00 – 26.88	150	2	94.50	800.50	1074.50	797.50
		250	2	106.00	1198.50	1696.00	797.50
		300	2	106.00	1198.50	1696.00	797.50
30	27.00 – 32.88	100	2	106.00	862.00	1160.00	797.50
		200	2	106.00	1336.50	1907.50	797.50
		300	2	116.50	1336.50	1907.50	797.50
36	33.00 – 38.88	150	2	106.00	1471.50	2119.00	797.50
		250	2	116.50	1471.50	2119.00	797.50
		300	2	130.00	1846.00	2718.00	797.50
42	39.00 – 44.88	150	2	116.50	1609.00	2343.50	797.50
		200	2	116.50	1609.00	2343.50	797.50
		300	2	139.50	2044.00	3014.50	797.50
48	45.00 – 50.88	100	2	116.50	1744.50	2554.00	797.50
		150	2	130.00	1744.50	2554.00	797.50
		250	2	139.50	2232.00	3315.00	797.50
54	51.00 – 56.88	150	2	139.50	1882.00	2779.00	795.00
		200	2	150.50	2418.50	3622.50	797.50
60	57.00 – 62.88	150	2	139.50	2020.00	2991.00	797.50
		200	2	150.50	2616.00	3922.50	797.50
66	63.00 – 68.88	100	2	139.50	2156.50	3201.50	797.50
		150	2	162.00	2802.50	4221.50	797.50
72	69.00 – 74.88	100	2	150.50	2293.00	3424.50	797.50
		150	2	173.00	3002.00	4531.50	797.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Bolted Split-Sleeve Couplings

Style 234 Spare Parts

RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING

(Formerly Fluidaster)
Restrained Flexible Single-Gasket Coupling
Refer to publication 60.09

STYLE 234 – SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS			
inches		psi	No. Required	Carbon Steel Restraint Ring	EPDM, Isoprene, or Silicone Gasket	Nitrile Gasket	Sealing Plate #
Nom. Dia.	Actual Pipe O.D. Range			Price Each			
78	75.00 - 80.88	100	2	\$150.50	\$2442.00	\$3648.50	\$797.50
		150	2	173.00	3201.50	4831.00	797.50
84	81.00 - 86.88	100	2	150.50	2579.50	3871.50	797.50
		150	2	173.00	3399.50	5140.50	797.50
90	87.00 - 92.88	100	2	162.00	2726.50	4096.50	797.50
96	93.00 - 101.88	100	2	173.00	2952.50	4419.50	797.50
108	102.00 - 113.88	75	2	185.50	3238.50	4868.50	797.50
		100	2	207.00	4296.00	6533.50	797.50
120	114.00 - 126.00	75	2	185.50	3523.00	5315.00	797.50
		100	2	218.50	4693.00	7157.00	797.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Bolted Split-Sleeve Couplings

Style 234S

RESTRAINED FLEXIBLE SINGLE-GASKET FOR STAINLESS STEEL PIPE

(Formerly AirMaster)
Restrained Flexible Single-Gasket Coupling
for Stainless Steel Pipe
Refer to publication 60.10



STYLE 234S – RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING FOR STAINLESS STEEL PIPE

PIPE		Max. Work Press.	No.	Approx. Wgt. Ea.	COUPLING COMPLETE		SPARE PARTS	
inches (1) (2)					with EPDM or Silicone Gasket	with Nitrile Gasket	Fasteners	Fastener Dimension
Nom. Dia.	Actual Pipe O.D. Range	psi (3)	Segments	lb (5)	Price Each *		No.	Dia. x Length
8	8.00 – 8.88	200	2	21.0	\$7738.00	\$7879.50	4	3/4 x 6
10	9.00 – 10.88	200	2	23.0	8094.00	8234.50	4	3/4 x 6
12	11.00 – 12.88	200	2	26.0	8396.50	8538.00	4	3/4 x 6
14	13.00 – 14.88	200	2	28.0	8673.00	8814.50	4	3/4 x 6
16	15.00 – 16.88	200	2	33.0	9554.00	9694.50	4	3/4 x 6
18	17.00 – 18.88	200	2	36.0	9881.50	10024.50	4	3/4 x 6
20	19.00 – 21.88	200	2	38.0	10377.50	10519.00	4	3/4 x 6
24	22.00 – 26.88	100	2	43.0	11203.00	11345.00	4	3/4 x 6
		200	2	90.0	21293.50	21436.50	6	3/4 x 6
30	27.00 – 32.88	100	2	51.0	13402.50	13546.00	4	3/4 x 6
		150	2	109.0	26111.00	26254.00	4	3/4 x 6
		200	2	130.0	38790.50	38931.50	6	3/4 x 6
36	33.00 – 38.88	50	2	59.0	14449.50	14591.50	4	3/4 x 6
		100	2	128.0	28477.50	28655.50	6	3/4 x 6
		200	2	153.0	42585.50	42763.50	6	3/4 x 6
42	39.00 – 44.88	100	2	147.0	30978.50	31191.50	6	3/4 x 6
		150	2	176.0	46437.00	46651.00	6	3/4 x 6
		200	2	234.0	81458.50	81741.50	6	7/8 x 8
48	45.00 – 50.88	50	2	166.0	43377.00	43589.00	6	3/4 x 6
		100	2	211.0	52079.50	52292.00	6	7/8 x 8
		150	2	263.0	88359.50	88678.00	6	7/8 x 8
54	51.00 – 56.88	50	2	185.0	35742.50	35987.00	6	3/4 x 6
		100	2	234.0	55900.50	56149.50	6	7/8 x 8
		150	2	293.0	95158.50	95510.00	6	7/8 x 8
60	57.00 – 63.00	50	2	203.0	38128.00	38413.50	6	3/4 x 6
		100	2	257.0	59727.00	60010.50	6	7/8 x 8
		150	2	323.0	102002.00	102393.00	6	7/8 x 8

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

* Coupling complete price includes coupling body, fasteners, gasket, sealing plates, and restraint rings.

Note: This data applies when stainless steel couplings are being used on stainless steel pipe. For performance on other types of pipe contact Victaulic for details.

(1) Bolted-split-sleeve couplings must be used on pipe with a minimum wall thickness that meets the requirements of AWWA C200 for carbon steel or C220 for stainless steel.

(2) For an actual pipe O.D., round down to the nearest 1/8" to determine proper coupling size required.

(3) For allowable test or transient pressure, the maximum working pressure may be increased to 1½ times the values shown. For pressure ratings on pipe materials other than stainless steel, please contact Victaulic for details.

(5) Coupling weights are based on nominal pipe diameter and include all accessories. Weight may vary based on actual size of pipe.

Bolted Split-Sleeve Couplings

C 0234 0060 50 X 2 D L 0 X XO

Class	Style	Actual Pipe O.D. *		Body Type	Segments	PSI/kPa Rating	Rubber Compound	Paint	Hardware	Ring and Pipe Material
		Inches [^]	Fraction							
C	0234	0008 through 0063	00 – 0 13 – 1/8 25 – 1/4 38 – 3/8 50 – 1/2 63 – 5/8 75 – 3/4 88 – 7/8	X – Stainless	2 – Two	B – 50/345 C – 75/515 D – 100/690 E – 125/860 F – 150/1035 G – 175/1200 H – 200/1375	E – EPDM L – Silicone T – Nitrile	0 – None	X – Stainless	XO – Stainless Steel Ring on Stainless Steel Pipe SO – Carbon Steel Ring on Carbon Steel Pipe DO – Carbon Steel Ring on Ductile Iron Pipe

[^] Couplings are available in a range of nominal sizes from 8 – 60".

* For actual pipe O.D. round down to the nearest 1/8" to determine proper coupling size required.

Bolted Split-Sleeve Couplings

Style 234S Spare Parts

RESTRAINED FLEXIBLE SINGLE-GASKET COUPLING FOR STAINLESS STEEL PIPE

(Formerly AirMaster)
Restrained Flexible Single-Gasket Coupling
for Stainless Steel Pipe
Refer to publication 60.10



STYLE 234S - SPARE PARTS

PIPE		Max. Work Press.	Restraint Rings	SPARE PARTS			
inches		psi	No. Required	Stainless Steel Restraint Ring	EPDM or Silicone Gasket	Nitrile Gasket	Sealing Plate
Nom. Dia.	Actual Pipe O.D. Range			Price Each			
8	8.00 – 8.88	200	2	\$94.50	\$640.00	\$813.00	\$604.50
10	9.00 – 10.88	200	2	94.50	651.00	840.00	604.50
12	11.00 – 12.88	200	2	94.50	677.00	874.00	604.50
14	13.00 – 14.88	200	2	94.50	688.50	899.50	604.50
16	15.00 – 16.88	200	2	106.00	714.00	926.00	797.50
18	17.00 – 18.88	200	2	106.00	726.00	963.00	797.50
20	19.00 – 21.88	200	2	106.00	750.00	998.50	797.50
24	22.00 – 26.88	100	2	106.00	800.50	1074.50	797.50
		200	2	130.00	1198.50	1696.00	797.50
30	27.00 – 32.88	100	2	116.50	862.00	1160.00	797.50
		150	2	139.50	1336.50	1907.50	797.50
		200	2	139.50	1336.50	1907.50	797.50
36	33.00 – 38.88	50	2	116.50	913.00	1248.50	797.50
		100	2	150.50	1471.50	2119.00	797.50
		200	2	150.50	1471.50	2119.00	797.50
42	39.00 – 44.88	100	2	162.00	1609.00	2343.50	797.50
		150	2	162.00	1609.00	2343.50	797.50
		200	2	218.50	2044.00	3014.50	797.50
48	45.00 – 50.88	50	2	173.00	1744.50	2554.00	797.50
		100	2	185.50	1744.50	2554.00	797.50
		150	2	240.50	2232.00	3315.00	797.50
54	51.00 – 56.88	50	2	185.50	1882.00	2779.00	797.50
		100	2	196.50	1882.00	2779.00	797.50
		150	2	251.50	2418.50	3622.50	797.50
60	57.00 – 63.00	50	2	196.50	2020.00	2991.00	797.50
		100	2	207.00	2020.00	2991.00	797.50
		150	2	275.50	2616.00	3922.50	797.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Bolted Split-Sleeve Couplings

Fasteners

Fastener Size Dia. x Length	Part Code	Price Per Set*	Part Code	Price Per Set*
inches	Carbon Steel		Stainless Steel	
1/2 x 3 1/4	BA44000S00	\$133.50	BA44000X00	\$209.00
5/8 x 5	BAQ1000S00	133.50	BAQ1000X00	311.50
3/4 x 6	BA67000S00	165.50	BA67000X00	548.00
7/8 x 8	BAU1000S00	228.00	BAU1000X00	887.00
1 x 8	BA93000S00	228.00	BA93000X00	969.00
1 1/4 x 10	BB18000S00	294.00	BB18000X00	1938.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

* Set includes one stud, two nuts, and two washers.

Closure Tools



Tool Model	Tool Weight lb	Part Number	Tool List Price
CTH-01 Small 10-Ton Hydraulic Tool	55	RJH2DOLVE0	\$9201.00
CTH-02 Large 25-Ton Hydraulic Closure Tool	120	RJH3DOLVE0	19102.50

Tool Model	Tool Weight lb	Part Number	Tool List Price
CTM-01 Small Manual Tool	10	RJMMDOLVE0	\$854.00
CTM-02 Large Manual Tool	20	RJMLDOLVE0	926.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

1.0 TERMS AND CONDITIONS OF SALE

CONTROLLING PROVISIONS: These terms and conditions shall control with respect to any purchase order or sale of Victaulic products.

No alteration, modification or waiver of these terms and conditions whether on Customer's purchase order or otherwise shall be valid unless the alteration, modification or waiver is specifically accepted in writing by an authorized representative of Victaulic.

Prices, Designs and Terms and Conditions of Sale are subject to change without notice.

TERMS OF PAYMENT: As stated on invoice. Maximum legal interest rate charged thereafter.

MINIMUM INVOICE CHARGES: \$500 net for any single order.

SHIPPING TERMS: F.O.B. shipping point (our option) freight prepaid and allowed on single orders (excluding No. 26/No. W26 Outlet Fittings, No. 826 Steam Outlet Fittings, Series 387 Inline/Series 388 End Suction Pump Skids, Customer Specified Flat Beds, Style W257 Dynamic Movement Joints, Bend Elbows – 3D/5D/6D, Victaulic Bolted Split-Sleeve Products and Victaulic Vortex™ Products) having a net price value of \$15000 and over for shipment at one time to one destination into distributor stock or direct ship to a project, as determined by Victaulic within the continental United States, excluding Alaska, Hawaii, Puerto Rico and U.S. possessions.

Shipping and handling charges on orders less than net price value of \$15000, F.O.B. shipping point (our option) will be paid by the customer. The most economical routing to recognized delivery points will be used, at our discretion. The cost of any special routing, packaging or handling that has been requested by the customer, and is a deviation to our normal handling methods, will be added to the order and paid by the customer.

Shipments beyond the borders of the United States are prepaid and chargeable or collectable to final destination.

Orders are accepted subject to approval of our General Office and Credit Department at Easton, Pennsylvania, and contingent upon **acts of God, war, civil disturbance, strikes, labor difficulties, delays of carriers, inability to obtain materials, accidents or any other cause beyond our control.**

Victaulic will endeavor to ship by the requested ship date, but reserves the right to ship within a reasonable period thereafter. **Under no circumstances shall Victaulic be liable for damages of any kind, including but not limited to incidental or consequential damages for lost profits or lost sales or liquidated damages, directly or indirectly arising from delays or failure to meet shipping dates.**

Orders, when accepted, cannot be cancelled without our written consent. No material will be taken back without our written consent. **Orders for non-standard (i.e. non-cancellable/non-returnable) material may not be cancelled nor will Victaulic accept return of such material for credit. Victaulic reserves the right to change the designation of products from standard to non-standard and vice versa. This may be done at any time without notice, and without incurring obligation. For further information contact Victaulic.**

All material is carefully examined, counted and packed by experienced employees. Claims for corrections must be made within 10 days of receipt of goods to the Customer Care center in Easton, PA (1-800-PICK VIC). We prove our count by weight. Claims for shortages are subject to that test. Our responsibility ceases when goods are delivered to carrier in good condition and its receipt obtained. Carriers are responsible for goods lost, damaged or delayed in transit. For your own protection, have transportation company's agent verify damages, shortages or delays and note them on freight bill over his signature.

WEIGHTS: All weights are approximate shipping weights and subject to change without notice.

Victaulic maintains a continual policy of product improvement and, therefore, reserves the right to change product specifications, designs, and standard equipment without notice and without incurring obligation.

2.0 LIMITED WARRANTY

What is Covered: This warranty covers any defects in materials or workmanship in products sold by Victaulic occurring under normal conditions of use and service with the exceptions stated below.

How Long Coverage Lasts: This warranty runs for one year from the date of delivery to the original buyer.

What is Not Covered: This warranty shall not apply to any product which has been subject to misuse, negligence, or accident (such as, without limitation, exposure to incompatible chemical or corrosive agents including microbial corrosion), which has been repaired or altered in any manner outside of Victaulic's factory, or which has been used in a manner contrary to Victaulic's instructions or recommendations. This warranty shall not apply to any Victaulic products utilizing proprietary grooves (such as, but not limited to, the Victaulic AGS™, IGS™, or PGS-300™ grooves) which have been used on pipe that has been grooved to ANSI/AWWA C-606 standards or which was grooved using tools not supplied by Victaulic or its licensees. Victaulic shall not be responsible for design errors due to inaccurate or incomplete information supplied by Buyer or its representatives.

What Victaulic will do: Victaulic will repair or replace, at its option, any product that proves to be defective in materials or workmanship following an examination by Victaulic that shows to its satisfaction the product was defective in materials or workmanship.

THIS LIMITED WARRANTY IS EXCLUSIVE AND MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE AND EXCLUSIVE REMEDY SHALL BE FOR THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS AS PROVIDED HEREIN. THE BUYER AGREES THAT NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

Victaulic neither assumes nor authorizes any person to assume for it any other liability in connection with the sale of products.

Items purchased by Victaulic and resold will have the original equipment manufacturer's warranty extended to Victaulic customers.

How to Get Service: Contact Victaulic at 610-559-3300 within one year after delivery to the original buyer to arrange for an examination of the product. You will be asked to ship the product to Victaulic's factory, postage and transportation charges prepaid, for examination. There is no charge for examination. Victaulic will examine the product and contact you within a reasonable time regarding the results of that examination and to arrange for repair or replacement of any product determined to be defective in materials or workmanship.

EFFECTIVE JUNE 24, 2022

VICTAULIC BOLTED SPLIT-SLEEVE PRODUCTS

VBSP PRICE LIST



U.S./World Headquarters

4901 Kesslersville Road
Easton, PA 18040 USA

◀ victauliclocations.com

EMEA

Prijkelstraat 36
9810 Nazareth, Belgium

Asia Pacific

Unit 808, Building B
Hongwell International Plaza
No.1602 West Zhongshan Road
Shanghai, China 200235



PL2023-VBSP 19581 REV A 03/2023

Victaulic and all other Victaulic marks are the trademarks or registered trademarks of Victaulic Company, and/or its affiliated entities, in the U.S. and/or other countries. All other trademarks listed herein are the property of their respective holders, in the U.S. and/or other countries. The terms "Patented" or "Patent Pending" refer to design or utility patents or patent applications for articles and/or methods of use in the United States and/or other countries.

© 2023 VICTAULIC COMPANY. ALL RIGHTS RESERVED.

