

# DRESSER Product Submittal

## Style 131 Dismantling Joints

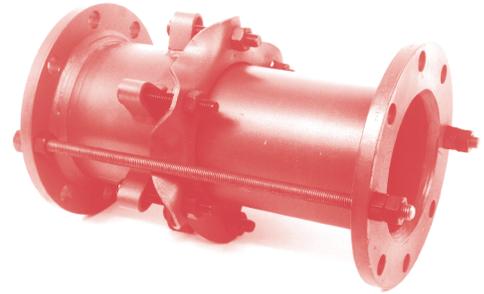
Permits quick installation or removal of flanged appurtenances

The Dresser Style 131 Dismantling Joint is a double-ended flanged adapter that allows for longitudinal adjustment in piping systems where flanged end pipe is the standard. This product will provide the maximum in flexibility when installing and maintaining flanged end pipe interfaces with check valves, gate valves, ball valves, pumps, blowers, meters, engines, compressors, various fittings and appurtenances.

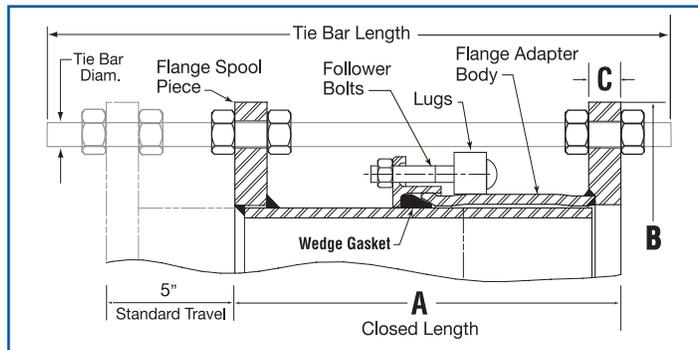
A typical dismantling joint would be used anywhere that a flanged end piping accessory, such as a valve or pump, requires quick installation or removal. The product eliminates the need to drop an inlet or discharge pipe leg normally associated with flanged end pipe. It also allows for up to 2 degrees of misalignment, and can be designed to provide from 2" to 20" of longitudinal adjustment to the pipe ends.

This longitudinal adjustment, provided by a telescoping flanged spool piece, can be limited with the addition of tie rods, which are integral with the joint. As a consequence of this flexibility, center dimensions become less critical to the installer and installation time is reduced considerably.

Dresser Dismantling Joints are available in diameters ranging from 4" through 24" in standard designs, and up to 96" in diameter for custom-engineered designs. Fabricated in either carbon steel or stainless steel, standard design features flanges supplied to AWWA specification C-207 with a maximum working pressure of 150 PSI. Flanges manufactured to other U.S. and international standards and higher pressure ratings available upon request.



Dresser Dismantling Joints can be supplied with a variety of gasket compounds for compatibility with line content, plus other flanges for higher operating pressures.



### Materials of Construction

Body	AISI C1010 C1015
Flange <sup>2</sup>	AWWA C-207 Class D As Standard
Spool Piece	Steel - AISI C1010 C1015
Gasket	Grade 27 BUNA-S As Standard
Coatings	Dresser RED-D Shopcoat Optional Fusion-bonded Grey Epoxy
Tie Rods (2)	Steel - ASTM A193 Grade B7
Nuts	ASTM A194 Grade 2H

### Style 131 Dismantling Joint - Dimension Specifications 4" through 30"

Nom. Size (in)	Closed Length (A)	Tie Rod <sup>1</sup>		Flange Thickness (C)	Flange OD (B)	Aprx. Weight (lbs)	Nom. Size (in)	Closed Length (A)	Tie Rod <sup>1</sup>		Flange Thickness (C)	Flange OD (B)	Aprx. Weight (lbs)
		Diam. (in)	Length (in)						Diam. (in)	Length (in)			
4	12-3/8"	5/8	22	5/8"	9"	50	14	14"	1	26	15/16"	21"	210
5	12-3/8"	5/8	22	5/8"	10"	60	16	14-1/8"	1	26	1"	23-1/2"	230
6	12-3/4"	3/4	24	11/16"	11"	70	18	14-1/2"	1-1/8	26	1-1/16"	25"	260
8	12-3/4"	3/4	24	11/16"	13-1/2"	90	20	14-5/8"	1-1/8	26	1-1/16"	27-1/2"	300
10	13-1/4"	7/8	24	11/16"	16"	130	24	15-1/8"	1-1/8	28	1-1/4"	32"	410
12	13-3/8"	7/8	24	13/16"	19"	160	30	15-3/8"	1-1/4	28	1-3/8"	38-3/4"	600

NOTE 1: Tie Rods are optional by request. Tie rods are designed for 150 PSI Maximum Working Pressure.

NOTE 2: Other flanges and larger sizes available on request. (e.g. C207 E&F, ANSI 150# and 300#)

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