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Grinnell Mechanical Products Figures 443 and 444 Stainless Steel Flange Adapters (Europe, Middle East, and Africa Only)

General Description

The Figures 443 and 444 Stainless Steel Flange Adapters allows a direct transition from flanged components to Grinnell grooved stainless steel components. Flange bolt patterns conform to ANSI Class 125 and 150 standards.

NOTICE

The Figures 443 and 444 Stainless Steel Flange Adapters described herein must be installed and maintained in compliance with this document, in addition to the standards of any other authorities having jurisdiction. Failure to do so may impair the performance of this device.

The owner is responsible for maintaining their system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.

Technical Data

Sizes

Figure 443:
DN32 to DN150 (1 to 6 Inches)

Figure 444:
DN200 to DN300 (8 to 12 Inches)

CAUTION

Pressure performance values shown for GRINNELL couplings on light-wall (Sch. 5 and Sch. 10) stainless steel pipe are dependent on the use of the required special roll for roll grooving light-wall stainless steel pipe. Failure to utilize the required special roll for roll grooving light-wall stainless steel pipe may result in equipment failure.

Housing

Type 316 Stainless Steel conforming to ASTM A-743/A-743M - Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application



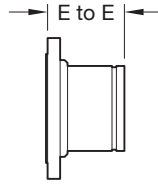
**10
YEAR
LIMITED
WARRANTY**

For warranty terms and conditions, visit www.grinnell.com

Ordering Procedure

Grinnell Mechanical Products, are available through a network of distribution centers. For the nearest distributor, visit www.grinnell.com.

When placing an order, indicate the full product name. Please specify the quantity, size, (ANSI inch size or pipe O.D.), and figure number.



Nominal Size DN ANSI Inches	O.D. mm Inches	Figure 443 (PN16)			Figure 444 (PN10 BS 4504)		
		E to E mm Inches	Bolt Qty	Approx. Weight kg Lbs.	E to E mm Inches	Bolt Qty	Approx. Weight kg Lbs.
32 1-1/4	42,2 1.660	90 3.54	4	1,8 4.0	—	—	—
40 1-1/2	48,3 1.900	92 3.62	4	2,0 4.4	—	—	—
50 2	60,3 2.375	95 3.74	4	2,7 6.0	—	—	—
65 76,1mm	76,1 3.000	95 3.74	4	3,3 7.3	—	—	—
80 3	88,9 3.500	100 3.94	8	4,0 8.8	—	—	—
100 4	114,3 4.500	102 4.02	8	4,6 10.1	—	—	—
125 139,7mm	139,7 5.500	105 4.13	8	6,0 13.2	—	—	—
150 6	168,3 6.625	105 4.13	8	7,2 15.9	—	—	—
200 8	219,1 8.625	—	—	—	112,0 4.41	8	10,2 22.5
250 10	273,0 10.750	—	—	—	128,0 5.04	12	18,0 39.7
300 12	323,9 12.750	—	—	—	117,0 4.61	12	22,4 49.4

FIGURE 1
FIGURES 443 AND 444 STAINLESS STEEL FLANGE ADAPTERS
NOMINAL DIMENSIONS