Style 830
Dresser Casing Bushings
For Making Closures Between Casing and Pipe

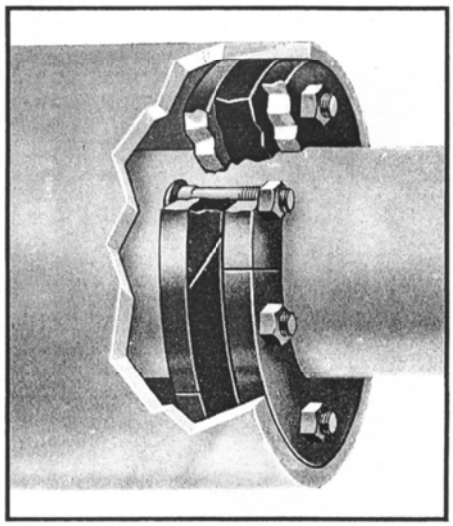
The Dresser Casing Bushing, Style 830, seals around your line as it passes under a railroad track, highway, canal or stream closing off the space between the outside of your line and the inside of the casing.

It consists of two rings (inner and outer), which are halved or "split" to go around existing pipe. A rubber-compound gasket, also halved, acts as a seal when bolted between the rings. For installation on new lines, both rings and gasket can be supplied endless (one-piece). For unusual conditions, such as close spacing or very high pressures, special Dresser Casing Bushings can be individually designed.

Rings are of ½" thick steel plate, gasket of a rubber-compound suitable for all services and bolts and capscrews of steel. To prevent turning, the rolled-thread, track-head bolts fit into elliptical bolt-holes, and exert ample pull-up to maintain tight grip of generous-size gasket on pipe and casing.

Simple and effective is the working principle of the Dresser Casing Bushing. As you draw up the bolts, the gasket expands outwardly against the inside of the casing and inwardly against the outside of the pipe, making a tight seal against both. Dresser Bushings are usually placed at each end of the casing.

A uniform, factory-made, readily available closure, this Dresser Casing Bushing brings you positive advantages. They are: (1) can be installed simultaneously with pipe; (2) eliminates open ditch and back-tracking; (3) seals out dirt, debris, corrosive water, small animals; (4) absorbs vibration and shock; (5) centers pipe line in casing; (6) prevents scraping off of pipe coating; and (7) needs only a wrench to install. Only one bolt (or capscrew) needs to be removed; you spring the Bushing apart, and then snap it around the pipe.

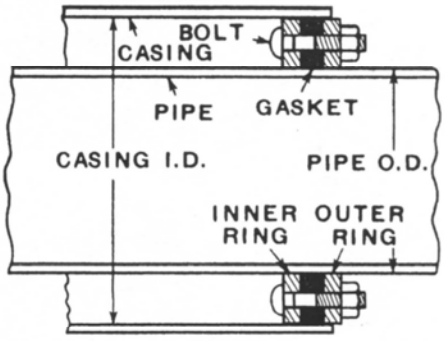


Cutaway view shows how Dresser Casing Bushing forms closure between pipe and casing. (Type 1 pictured.)

HOW YOU ORDER. When you order, or ask for quotations on, Dresser Casing Bushings, your inclusion of the following information will insure prompt handling: (1) quantity of each size; (2) style number and name of product; (3) nominal size and outside diameter of pipe; (4) nominal size and inside diameter of casing; (5) type of Bushing desired—Type 1, 2.

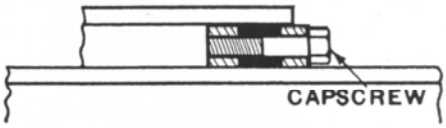
CAUTION: On coated pipe, make allowance for thickness of coating by specifying larger outside diameter of pipe.

Your pipe-line work at casings will be simplified and speeded up—when you specify Dresser Casing Bushings!



TYPE 1

Longitudinal-section view through Dresser Casing Bushing, Type 1, considered as standard. Used where space between casing and pipe is sufficiently wide to accommodate bolt-heads and/or nuts. (As general practice, Types 1 and 2 take care of all ordinary installations where there is no pressure condition between pipe and casing).



TYPE 2

Longitudinal-section view through Dresser Casing Bushing, Type 2. This capscrew construction is recommended where space between pipe and casing is close; otherwise, construction is same as Type 1 (above).

Sizes[1], Specifications– Style 830 Casing Bushings

PIPE (STEEL)		CASING (STEEL)			BOLTS	CAPSCREWS	GASKET[4]	WEIGHT[5]
Nominal Size[1]	Outside Diam. (O.D.)	Nominal Size[1]	Inside Diameter[2] (Minimum and Maximum)	TYPE	No., Diam. and Length[3]	No., Diam. and Length[3]	Section Dimension (Width)	Approx. Shipping Each (Lbs.)
2 I.D.	2.375	4 I.D.	4.000 to 4.125	2		6—⅜ x 1½	⅝	3½
3 I.D.	3.500	6 I.D.	6.041 to 6.188	2		6—½ x 1¾	⅝	8
4 I.D.	4.500	6 I.D.	6.041 to 6.188	2		8—⅜ x 1½	⅝	4
4 I.D.	4.500	8 I.D.	7.981 to 8.125	1	6—½ x 2½		¾	12
6 I.D.	6.625	8 I.D.	7.981 to 8.125	2		8—⅜ x 1½	⅝	5
6 I.D.	6.625	10 I.D.	10.000 to 10.136	1	8—½ x 2½		¾	15½
8 I.D.	8.625	10 I.D.	10.000 to 10.136	2		12—⅝ x 1½	⅝	6½
8 I.D.	8.625	12 I.D.	12.000 to 12.125	1	10—½ x 2½		¾	28
10 I.D.	10.750	12 I.D.	12.000 to 12.125	2		12—¼ x 1½	⅝	16

All dimensions are approximate, maximum, and given in inches.

[1]SIZES AND TYPES not shown in this Table can be easily furnished to order for steel or cast-iron pipe, but are not stocked because of the great variations in size. Details and prices on request. Allow 10 days for fabrication and shipment of such sizes. Sizes listed above can ordinarily be shipped immediately from stock.

[2]INSIDE DIAMETERS of casings represent range that standard Casing Bushings will fit, and are subject to a tolerance of + ¼" (+ ⅜" above 10" size) or − ⅛", which corresponds to usual commercial tolerance.

[3]OVERALL LENGTH of Bushing is equal to length of bolt (or capscrew) plus ½" (approximate thickness of bolt or capscrew head).

[4]GASKETS are supplied of a type suitable for all services. Prices on extra gaskets will be forwarded promptly on request.

[5]WEIGHTS as given above include packing materials.