



Double-acting bolt version not shown

Top Bolt® FCA

With Double Acting Bolt Technology

PATENT NO. 8,528,945 / 8,776,351 / 8,789,832

921



Double-acting bolts close in two directions at once, lowering installation times.

Description: A fabricated Steel flanged coupling adapter that can seal a wide range of pipe ODs in a nominal size.

Application: Connects a wide variety of plain-end pipe to flanged fittings, meters, valves and other flanged equipment

Key Features:

- Removable/replaceable channeled inner gaskets which makes the 921 the only FCA in which you can remove the inner gasket without changing the part
- Bi-directional gaskets can be inserted either way; less chance for mistakes
- Corrugated armor design to reduce friction between gaskets and armor for better seating and to prevent finish gouging
- Lightweight construction for easier handling; quicker job installations
- Two-piece flange design (coupling end) that can be disassembled on job site for gasket replacement, if required
- Stab-Fit which makes pipe fitting easier and quicker
- Proprietary Flexi-Coat® Fusion-Bonded coating on body and hardware to reduce friction and help prevent corrosion points

Materials Specifications (subject to change)

SLEEVE: Carbon Steel

FLANGE: 3"-12" AWWA C207 Class D ANSI 150 lb. drilling. 2" size is standard meter coupling flange

RING: Carbon Steel

GASKET: Nitrile (Buna N) certified to NSF/ANSI 61/372

BOLTS: 304 Stainless Steel with Flexi-Coat® Fusion bonded Epoxy Finish

NUTS: Heavy hex head, 304 Stainless Steel, fluoropolymer coating

FINISH: Flexi-Coat®, Smith-Blair's proprietary Fusion-Bonded epoxy finish, 12-15 mils thick

Pipe Applications: Ductile Iron, Steel, PVC, Copper, Asbestos Cement, HDPE (with pipe stiffeners)

Sizes (in inches): 2, 3, 4, 6, 8, 10, 12

Pressure Ratings: 175 PSI

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Standard

NOMINAL SIZE (IN.)	CATALOG NUMBER	OVERALL RANGE (IN.)	LOWER RANGE (IN.)	UPPER RANGE (IN.)	WIDTH (IN.)	HEIGHT (IN.)	FLANGE DIAMETER (IN.)	LAYING LENGTH (IN.)	MIN. PIPE INSERTION (IN.)	WEIGHT BOXED (LBS.)
2	921-02950200-031	2.13 - 2.95	2.13 - 2.60	2.50 - 2.95	5.38	7.25	6.00	6.81	2.88	8
3	921-04200300-031	3.10-4.20	3.10-3.56	3.70-4.20	6.88	8.38	7.50	5.38	3.38	12
4	921-05600400-031	4.46-5.60	4.46-5.05	5.00-5.60	8.75	10.00	9.00	5.50	3.50	17
6	921-07600600-031	6.56-7.60	6.56-7.05	7.00-7.60	10.88	12.13	11.00	6.56	3.50	23
8	921-09850800-031	8.54-9.85	8.54-9.15	9.15-9.85	13.13	14.38	13.50	6.56	3.50	30
10	921-11831000-031	10.64-11.83	10.64-11.18	11.13-11.83	15.50	16.50	16.00	6.56	3.50	37
12	921-13671200-031	12.62-13.67	12.62-13.06	13.10-13.67	17.63	18.75	19.00	6.69	3.50	50

*Working Pressure: 175 PSI

Metric

NOM. SIZE (MM)	CATALOG NUMBER	OVERALL RANGE (MM)	LOWER RANGE (MM)		UPPER RANGE (MM)		WIDTH (MM)	HEIGHT (MM)	SLEEVE LENGTH (MM)	LAYING LENGTH (MM)	MAX GAP (MM)	WT (KG)
50	921-02130295-031	54 - 75	54 - 66		64 - 75		137	184	102	191	25	4
80	921-03100420-031	79 - 107	79 - 90		94 - 107		175	213	152	241	51	5
100	921-04460560-031	113 - 142	113 - 128		127 - 142		222	254	152	248	51	9
150	921-06560760-031	167 - 193	167 - 179		178 - 193		276	308	203	298	102	12
200	921-08540985-031	217 - 250	217 - 232		232 - 250		334	365	203	298	102	15
250	921-10641183-031	270 - 300	270 - 284		283 - 300		394	419	203	298	102	17
250 X 250 OS	921-10641220-031	270 - 310	250: 270 - 284	250 OS: 281 - 294	250: 283 - 300	250 OS: 294 - 310	410	438	203	298	102	19
300	921-12621367-031	321 - 347	321 - 332		333 - 347		448	476	203	298	102	21
300 X 300 OS	921-12621440-031	300 - 366	300: 321 - 332	300 OS: 334 - 350	300: 333 - 347	300 OS: 349 - 366	470	492	203	298	102	22