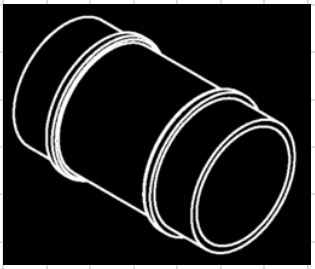
INFACT

MADE IN U.S.A.

INFACT CORPORATION
WATERWORKS PRODUCTS



FLEX ADAPTOR
SPECIFICATIONS

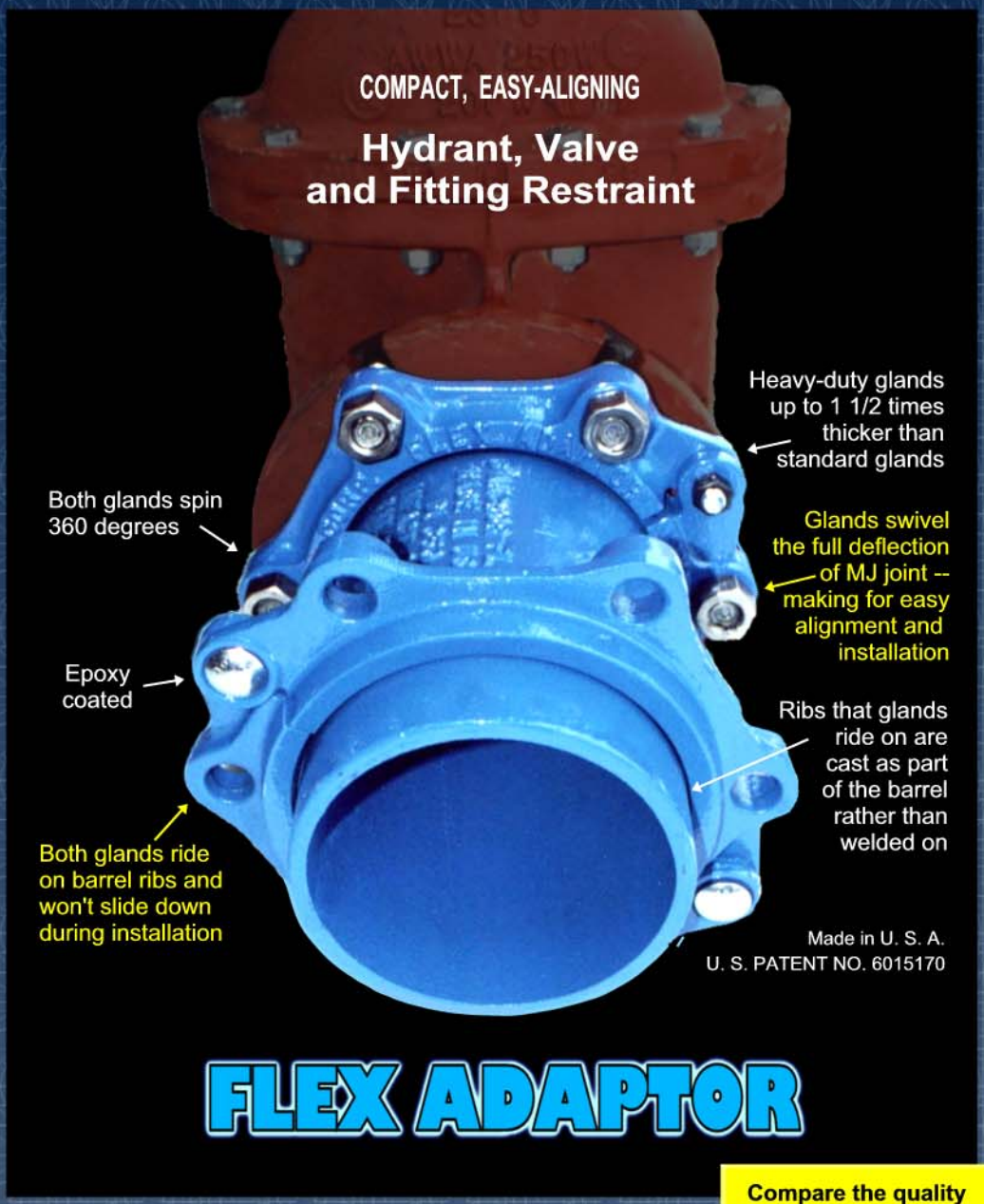
WATERWORKS
PRODUCTS

TOLL FREE: 888-773-9130

email: info@infactcorp.com
www.infactcorp.com

Install Hydrants, Valves and Fittings

with heavy-duty glands that spin and swivel



FLEX ADAPTOR

Compare the quality of the FLEX ADAPTOR to standard anchor couplings

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ENGINEERING DATA / PRODUCT CHECKLIST

FLEX ADAPTOR

U. S. Patent No. 6015170

EASY-TO-INSTALL ADAPTOR

SPACE-SAVING RESTRAINT (8 1/2-INCH DRAW-UP)

SIZES	6-inch MJ x MJ, 6-inch MJ x Flange
TYPICAL USES	Restrains valves to hydrants Restrains valves to tees, crosses, fittings
ADVANTAGES (Product)	✔ Easiest MJ restraint to install — glands spin AND deflect ✔ Tight-space coupling with 8 1/2-inch draw-up length ✔ No pipe to saw or lug bolts to tighten ✔ Heavy-duty casting, glands up to 1 1/2 times thicker ✔ Glands interchangeable (on-site), MJ or Flange glands ✔ Glands won't slide down barrel during installation ✔ Split glands are machined ✔ Integral casting, no welds ✔ Uses standard bolts and gaskets ✔ Epoxy coating standard ✔ This is a quality casting made in U. S. A. ✔ Faster, easier installation
ADVANTAGES (Manufacturer) INFACT PRODUCTS ARE AVAILABLE FROM YOUR LOCAL WATERWORKS DISTRIBUTOR	✔ Products made in U. S. A. and Infact is an American-owned company ✔ SAME DAY shipping (orders received before noon) ✔ BIG inventory; backorders are extremely rare ✔ No extra charge to drop ship ✔ No minimum order
WATCH	1) Each Flex Adaptor requires the following: 2-each 6-inch bolt and gasket accessory paks 2) The 6-inch flange gland uses flange bolts and an MJ gasket.
OPTIONS	Stainless steel and Teflon® blue kits

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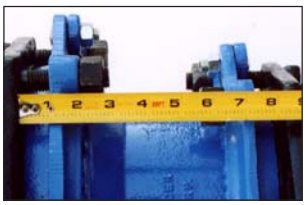

8 1/2 inch draw-up Ultra-compact Restraint

with heavy-duty glands that spin and *deflect* making it easier and quicker to install

Infact
Ultra-compact
Flex Adaptor

Infact
Ultra-compact
Flex Reducer

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MADE IN U.S.A.
U.S. PATENT NO. 6015170

Comparison of Waterworks Products that Restrain Valves, Fittings and Hydrants

	INFACT **FOSTER ADAPTOR**	LUG PRODUCT	INFACT **FLEX T-2 & T-3**	ANCHOR COUPLING	INFACT **FLEX ADAPTOR**	GRIP RINGS	INFACT **FLEX REDUCER**
Built-in full axial, circumferential restraint. Restraining forces are spread more evenly than in products using radial bolts or lugs.	X		X	X	X	X	X
Bolt-through restraint	X						
Angular deflection for easy restraint of unaligned fittings			X		X	X	X
Full axial rotation for easy alignment of bolt holes			X	X	X	X	X
Two independent pivot points adjacent to fittings for better close quarters installation and easier connection to misaligned fittings			X		X		X
Requires ONE device to connect fittings (rather than two or more)	X		X	X	X		X
Do not have to cut and install a piece of pipe in order for device to restrain fittings	X			X	X		
Uses standard bolts and gaskets and no radial bolts on pipe that operator may forget to or improperly tighten			X	X	X	X	
Field adaptable to being connected to any length pipe		X				X	
Field adaptable to restrain either MJ or flange joints using interchangeable glands			X		X		X

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EZ-ALIGN
EZ-INSTALL

HYDRANT, VALVE, AND FITTING RESTRAINT

EZ-INSTALL RESTRAINT

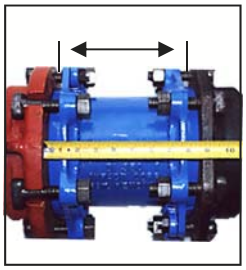
- Both MJ glands rotate
- Both MJ glands DEFLECT back and forth

COMPARE THE HEAVY-DUTY QUALITY

- Restrain hydrants, valves and fittings
- Uses standard gaskets and T-bolts
- Thicker, heavy-duty machined glands

COMPACT DESIGN

Draw-up length =
8 1/2 inches



- Space-saving design
- Easy to align and install

THREE RESTRAINTS IN ONE

IT'S **MJ RESTRAINT**

IT'S **FLANGE RESTRAINT**

IT'S **MJ AND FLANGE RESTRAINT**

REMOVE ONE BOLT TO CHANGE SPLIT GLANDS

U. S. Patent No. 6015170
Made in U. S. A.

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FLEX ADAPTOR

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ENGINEERING DATA / SPECIFICATIONS

FLEX ADAPTOR

U. S. Patent No. 6015170

EASY-TO-INSTALL ADAPTOR

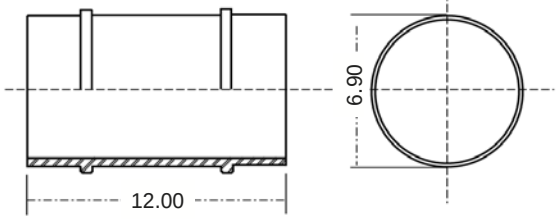
SPACE-SAVING RESTRAINT (8 1/2-INCH DRAW-UP)

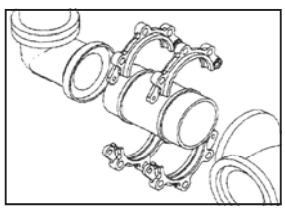
FLEX ADAPTOR APPLICATIONS

MJ Tees
MJ Valves
MJ Crosses
MJ Hydrants
MJ 90's, bends
Flange Tees
Flange Valves
Flange Hydrants
Flange 90's and bends
Large Meters
Backflow Devices

FLEX ADAPTOR BENEFITS

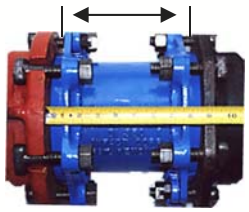
Mix or match glands — MJ or flange
Glands deflect and spin to easily align and install
Heavy-duty split glands are up to 1.5 times thicker
Epoxy coating standard





The Infact FLEX ADAPTOR is a patented product, made in the U. S. A., that meets the ductile iron and working pressure specifications of AWWA compact fittings, ANSI/AWWA C153/ A21.53 — American National Standard for Ductile Iron Compact Fittings 3-Inch Through 24-Inch (76mm Through 610mm) for Water Service.

Size: 6x12



Approximately 8 1/2-inch draw-up length

SAMPLE SPECIFICATION: Mechanical joint (MJ) and/or flange joint valves, fittings and hydrants shall be restrained using a positive restraint mechanism manufactured in the U. S. A. of ductile iron conforming to ASTM A536, Grade 65-45-12. Both MJ glands shall have the capability of rotating 360-degrees and deflecting the full deflection amount of a mechanical joint. The glands shall bolt to integrally cast barrel ribs without the use of lug bolts, and shall be interchangeable to allow either INFACT MJ glands or flange glands to be attached in the field. The MJ glands shall be attachable with standard bolts and gaskets conforming to ANSI/AWWA C111/A21.11. The flange glands shall be attachable with standard bolts and gaskets conforming to ANSI/AWWA C110/ A21.10 and flange drilling conforming to ANSI Class 125 B16.1. The device shall be supplied with a 7-mil NSF 61 approved fusion bonded epoxy conforming to AWWA C116/A21.16-09 as well as the coating, surface preparation and application requirements of ANSI/AWWA C550. The device shall be INFACT CORPORATION FLEX ADAPTOR or equal.

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WORK-SAVERS
SPACE-SAVERS

Installer's Guide

PRODUCT	DESCRIPTION	INSTALLED DRAW-UP DISTANCE	TYPE OF JOINT		RECOMMENDED APPLICATIONS		
			MJ	FLANGE	VALVES	FITTINGS	HYDRANTS
FOSTER ADAPTOR	Bolt-thru MJ Adaptor	Sizes 3-12: 1-inch --- Sizes 14-24: 2-inches --- Sizes 30-36: 3-inches	✓		✓	✓	
FLEX T-2	Self-Restraining 2-way Tee	0 inches --- (Direct Restraint)	✓	✓	✓	✓	
FLEX T-3	Self-Restraining 3-way Tee	0 inches --- (Direct Restraint)	✓	✓	✓	✓	
FLEX ADAPTOR	Ultra-Compact Coupling	8 1/2 inches	✓	✓	✓	✓	✓
FLEX REDUCER	Ultra-Compact Reducer	8 1/2 inches	✓	✓	✓	✓	✓

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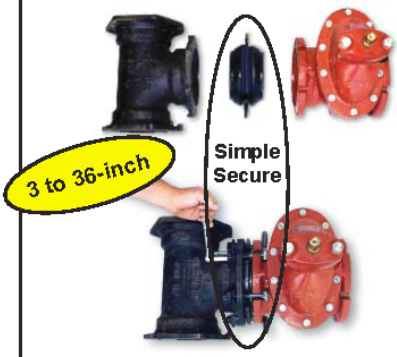
WATERWORKS
Work and Space-Savers

FOSTER ADAPTOR

BOLT-THRU MJ RESTRAINT FOR VALVES AND FITTINGS



- No pipe to saw
- Up to 75% fewer bolts
- Saves space
- Easier to lift and install

Infact Foster Adaptors, like all Infact products are made in USA

FLEX ADAPTOR

SPACE-SAVING MJ OR FLANGE RESTRAINT FOR VALVES AND FITTINGS

Easier to Install Restraint

- EZ-align glands spin and deflect
- Extra-heavy-duty split glands
- Substitute MJ or flange glands
- Epoxy-coating standard

U. S. PATENT NO. 6015170

FLEX REDUCER

SPACE-SAVING MJ OR FLANGE REDUCER FOR VALVES AND FITTINGS

Hassle-free 8x6 Reducer

- 8 1/2-inch draw-up length
- EZ-align glands spin and deflect
- EZ-change MJ or flange glands
- Uses standard accessories

U. S. PATENT NO. 6015170

FLEX T-2 and T-3

SPACE-SAVING MJ OR FLANGE RESTRAINT FOR VALVES AND FITTINGS

Direct-to-Tee Secure Restraint

MJ x MJ

MJ x flange x MJ shown (or any mix you choose)

- Bolt valves or fittings direct-to-tee
- No pipe sawing or couplings
- Save space, time and money
- Use standard gaskets and bolts
- Change to MJ or flange in the field

U. S. PATENT NO. 6015170

COMBO PIPE PLUGS

2-PIECE PIPE PLUGS FIT BELL OR SPIGOT OF PIPE

- White plug in bell, green in spigot
- Easy to insert, even in stacked pipe
- Combo plugs won't fall out of pipe
- Combo simplifies inventory, usage
- Handle and plug made in USA

COMBO PLUGS are available for all classes of iron and plastic pipe (non-pressure applications)

MUD PLUGS and INSULATION

VALVE BOX DEBRIS PLUGS AND METER BOX, VAULT, AND AIR RELIEF INSULATION

2, 4, and 6-inch thick insulation for pits and boxes

- Push-in, pull-out installation
- Plug compresses for tight seal
- Won't absorb water or freeze
- Flexible, non-conductive handle
- Custom sizes available

Call for large variety of sizes and shapes of waterproof insulation and plugs

Call your local waterworks distributor for prices

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