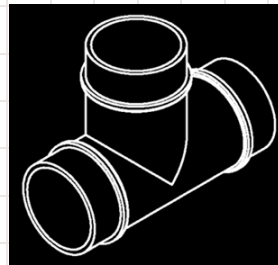


IN FACT



INFAC T CORPORATION
WATERWORKS PRODUCTS



FLEX T-3 SPECIFICATIONS

**WATERWORKS
PRODUCTS**

TOLL FREE: 888-773-9130

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

Self-Restraining Tees

*Save space, save time, reduce leak points —
at lower total installed cost*



Lower total installed cost



*No couplings,
no pipe sawing, no
lug products needed!*

Save time and labor



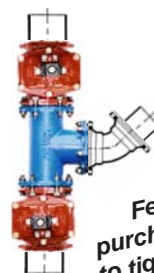
*Bolt up in your shop
and transport the entire
assembly to the job site*

Easier installation



*Glands spin and
deflect, and tees
use standard
bolts and gaskets.*

Get simple. Bolt Direct.



*Fewer parts to
purchase, fewer bolts
to tighten, fewer leaks*

The ultimate tight-space restraint

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

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ENGINEERING DATA / PRODUCT CHECKLIST

**FLEX
T-3**



U. S. Patent No. 6015170

**3-WAY
BUILT-IN TEE RESTRAINT**



Choose the glands you need — MJ, flange, or combination



The simple, secure, space-saving, labor-saving way to restrain three valves or fittings to a tee.

SIZES	6-inch MJ x MJ x MJ, MJ x MJ x Flange, Flange x Flange x Flange 8-inch MJ x MJ x MJ 8 x 6-inch MJ x MJ x MJ, MJ x 6-inch Flange x MJ
TYPICAL USES	Restrains valves directly to tee without need for couplings, etc Restrains fittings directly to tee without need for couplings, etc
ADVANTAGES (Product)	<ul style="list-style-type: none"> ✓ Heavy-duty casting, glands up to 1 1/2 times thicker ✓ No shorter restraint than this, since you bolt direct to tee ✓ No pipe to saw or couplings to install ✓ No couplings or other parts mean fewer possibilities for leaks ✓ Glands interchangeable (on-site), MJ or Flange glands ✓ MJ glands spin and deflect for easiest installation ✓ Split glands are machined ✓ Integral casting, no welds ✓ Uses standard bolts and gaskets ✓ Epoxy coating standard ✓ Less expensive when you compare to standard tees, additional parts ✓ Faster installation
ADVANTAGES (Manufacturer) <small>INFAC T PRODUCTS ARE AVAILABLE FROM YOUR LOCAL WATERWORKS DISTRIBUTOR</small>	<ul style="list-style-type: none"> ✓ 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 T-3 requires the following: 3-each standard 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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MADE IN U. S. A.

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ENGINEERING DATA / SPECIFICATIONS

FLEX
T-3



U. S. Patent No. 6015170

3-WAY
BUILT-IN TEE RESTRAINT

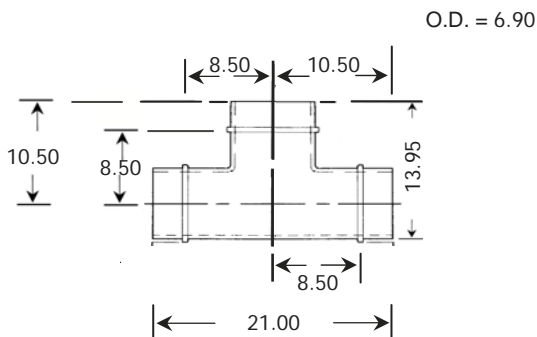


Choose the
glands you
need —
MJ, flange, or
combination

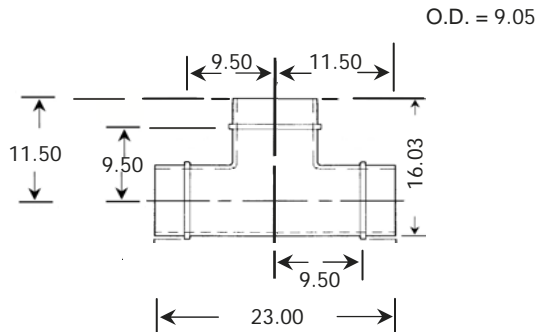


The simple, secure, space-saving, labor-saving way
to restrain three valves or fittings to a tee.

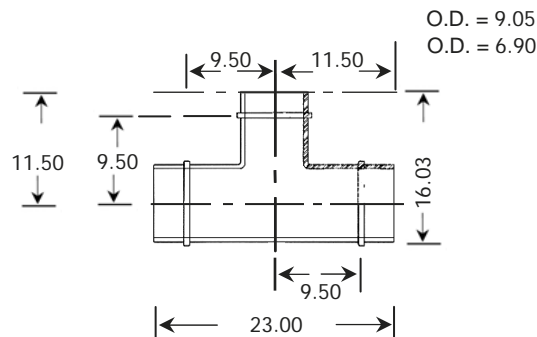
6 x 6 x 6



8 x 8 x 8



8 x 8 x 6



T-3 APPLICATIONS

MJ Valves
MJ Hydrants
MJ 90's and bends

Flange Valves
Flange Hydrants
Flange 90's and bends
Large Meters
Backflow Devices

T-3 BENEFITS

DIRECT-CONNECT restraint for three MJ or flange valves or fittings
Heavy-duty, machined split glands are up to 1.5 times thicker
Glands deflect and spin to easily align and install
Mix or match glands — MJ or flange
Epoxy coating standard

The Infact FLEX T-3 is a patented product, made in the U. S., 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.

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. 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 ribs without the use of lug bolts, and shall be interchangeable to allow either INFAC T 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 INFAC T CORPORATION FLEX T-3 or equal.

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Comparison of Waterworks Products that Restrain Valves, Fittings and Hydrants

	INFAC T FOSTER ADAPTOR	LUG PRODUCT	INFAC T FLEX T-2 & T-3	ANCHOR COUPLING	INFAC T FLEX ADAPTOR	GRIP RINGS	INFAC T 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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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	✓	✓	✓	✓	✓

