



Take care of plumbing system repairs or remodeling projects fast with a variety of NIBCO® Wrot Racer™ patented premium copper push fittings that you simply push into place until they lock. Top-flight delivery rates ensure you'll have NIBCO product available when you need it, saving you time so you can race ahead to your next project.

# PREMIUM COPPER PUSH FITTINGS

## FITTINGS

### APPLICATIONS

- Specifically Designed for Use in Commercial and Residential Potable Water Systems
- For Use With: Hard-drawn Copper K, L, and M; PEX or PE-RT (with tube stiffeners); CPVC-CTS
- Removal Tool Easily Disconnects Any Joint

### MATERIALS & CONSTRUCTION

- 99.9% Pure Wrot Copper Body
- PPSU Engineered Plastic
- Stainless Steel Gripper Ring
- Manufactured From Recyclable Materials

### DESIGN CRITERIA

- Certified to 200 PSI and 200° F
- Fittings Meet NSF/ANSI 14, 61 and 372 and ASSE 1061



Push fittings install quickly and easily for a secure connection.



Create a simple and secure connection without any soldering, from 99.9% globally-sourced crimping or joining materials.



Manufactured in the USA from 99.9% globally-sourced pure wrot copper.

AHEAD OF THE FLOW®

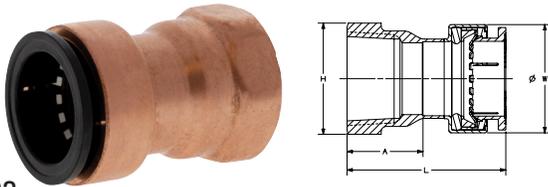
**NIBCO INC.**  
**WORLD HEADQUARTERS**  
 WEB: [www.nibco.com](http://www.nibco.com)

1516 MIDDLEBURY STREET  
 ELKHART, IN 46516-4740  
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DOMESTIC CUSTOMER SERVICE  
 PHONE: 800.234.0227  
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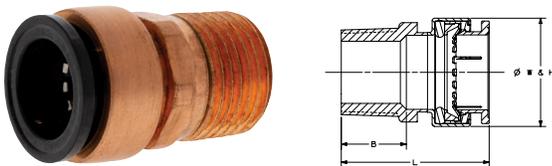
INTERNATIONAL OFFICE  
 PHONE: +1/574.295.3327  
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## ADAPTERS



**P603**  
Adapter - Push x Female

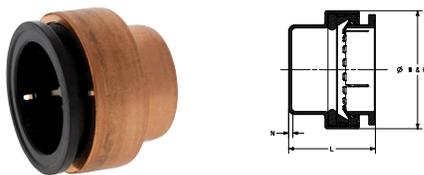
NOM. SIZE	APPROX. NET WT./LBS.	DIMENSIONS INCHES			
		A	H	L	W
1/2	0.10	27/32	1 1/16	1 11/16	1
3/4	0.16	29/32	1 5/16	1 7/8	1 9/32



**P604**  
Adapter - Push x Male

NOM. SIZE	APPROX. NET WT./LBS.	DIMENSIONS INCHES			
		B	H	L	W
1/2	0.08	1 1/16	1	1 17/32	1
3/4	0.14	25/32	1 9/32	1 3/4	1 9/32

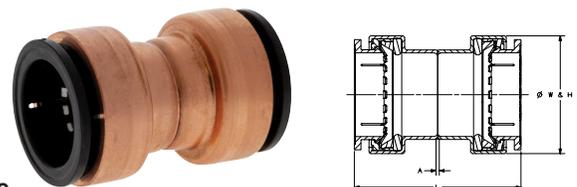
## CAPS



**P617**  
Cap - Push

NOM. SIZE	APPROX. NET WT./LBS.	DIMENSIONS INCHES			
		H	L	N	W
1/2	0.03	1	29/32	1/32	1
3/4	0.05	1 9/32	1 1/32	1/32	1 9/32
1	0.08	1 19/32	1 3/16	1/32	1 19/32

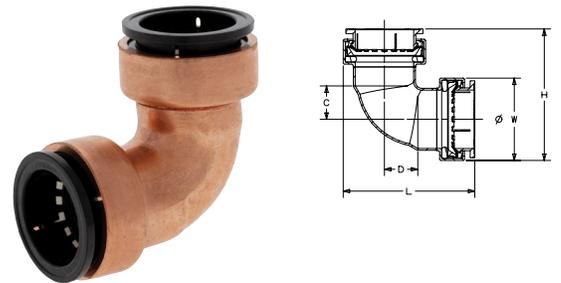
## COUPLINGS



**P600**  
Coupling - Push x Push

NOM. SIZE	APPROX. NET WT./LBS.	DIMENSIONS INCHES			
		A	H	L	W
1/2	0.05	1/32	1	1 3/4	1
3/4	0.09	1/32	1 9/32	2	1 9/32
1	0.14	1/32	1 19/32	2 1/4	1 19/32

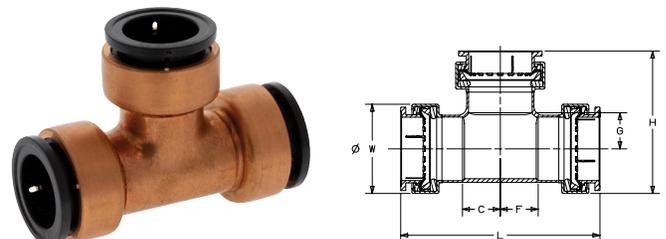
## ELBOWS



**P607**  
90° Elbow - Push x Push

NOM. SIZE	APPROX. NET WT./LBS.	DIMENSIONS INCHES				
		C	D	H	L	W
1/2	0.07	13/32	13/32	1 7/8	1 7/8	1
3/4	0.13	1/2	1/2	2 7/32	2 7/32	1 9/32
1	0.21	2 1/32	2 1/32	2 9/16	2 9/16	1 19/32

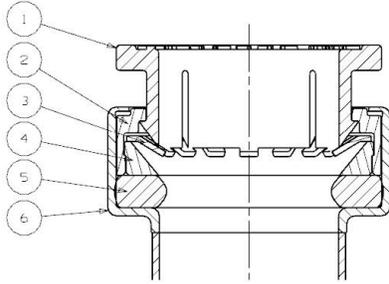
## TEES



**P611**  
Tee - Push x Push x Push

NOM. SIZE	APPROX. NET WT./LBS.	DIMENSIONS INCHES					
		C	F	G	H	L	W
1/2	.11	1 1/32	1 1/32	1 3/32	1 27/32	2 19/32	1
3/4	.23	5/8	5/8	1 1/16	2 5/16	3 7/32	1 9/32
1	.36	1 1/16	1 1/16	2 1/32	2 9/16	3 19/32	1 19/32

Visit our website for the most current information.



**Lead-Free\* Push Fittings - MATERIAL LIST**

PART	SPECIFICATION
1. Release Collar	PPSU
2. Upper Cartridge	PPSU
3. Grip Ring	316SS
4. Lower Cartridge	PPSU
5. Seal	EPDM
6. Body	Wrot Copper

**ACCESSORIES**



**Removal Tool**

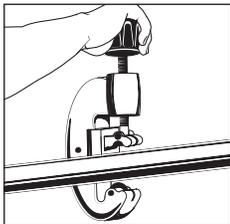
NOM. SIZE	APPROX. NET WT./LBS.
1/4	0.013
3/8	0.013
1/2	0.013
3/4	0.013
1	0.013

**INSTALLATION INSTRUCTIONS**

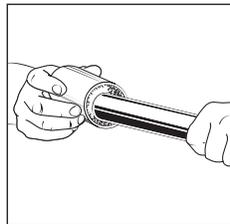
**Before installing, turn water off at main shut-off valve.**  
*Antes de la instalación, cierre el flujo de agua en la válvula principal.*

**Removable & Reusable**  
*Extraíble y reutilizable*

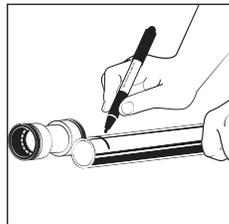
**Installation/Instalación**



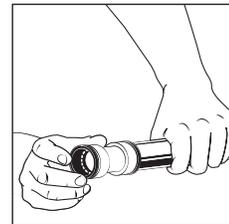
**1. Cut tube**  
*Corte el tubo*



**2. Prepare tube**  
 (remove all sharp edges & burrs)  
*Prepare el tubo*  
 (quitetodos los bordes afilados y rebabas)

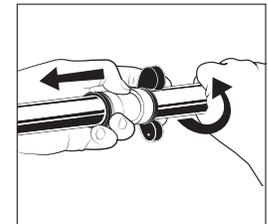


**3. Mark insertion depth**  
*Marque la profundidad de inserción*



**4. Push fitting on tube to the mark (use tube stiffeners with PEX only)**  
*Empuje la conexión en el tubo hasta la marca (utilice refuerzos de tubos con PEX solamente)*

**Removal/Extracción**



**Push the disconnect clip against the release collar and pull the pipe with a twisting action.**  
*Empuje el clip de desconexión contra el collar de liberación, y extraiga el tubo con un movimiento giratorio.*

**Insert Depth Chart/ Gráfico de inserción de profundidad**

Fitting Size <i>Tamaño de conexión</i>	1/2"	3/4"	1"
Insert Depth - in. <i>Profundidad de inserción</i>	7/8"	1"	1-1/8"
Insert Depth - cm. <i>Profundidad de inserción</i>	2.22	2.54	2.85



**Made in the USA from recyclable materials.**  
*Hecho en los EE. UU. Con materiales reciclables.*

**Patent 10,006,575**

*Visit our website for the most current information.*

# NIBCO® Wrot Racer™ Fittings Warranty

## NIBCO INC. LIMITED WARRANTY

Applicable to NIBCO INC. Wrot Racer Premium Copper Push-to-Connect Fittings

NIBCO INC. warrants:

- NIBCO Wrot Racer fittings to be free from defects in materials and workmanship under normal use and service, for a period of twenty five (25) years from the date of original installation.

In the event any defect in material or workmanship occurs which the owner believes is covered by this warranty, the owner should immediately contact NIBCO Technical Services, either in writing or by telephone at (888) 446-4226 or (574) 295-3000. The owner will be instructed to return the said product, at the owner's expense, to NIBCO INC., or to an authorized representative for inspection. In the event said inspection disclosed to the satisfaction of NIBCO INC. that said fitting connector is defective in material or workmanship, a replacement fitting will be shipped free of charge to the purchaser. This warranty is limited to the cost of repairing or replacing the product.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS WARRANTY SPECIFICALLY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES OF EVERY TYPE AND DESCRIPTION RESULTING FROM ANY CLAIMED DEFECT IN MATERIAL OR WORKMANSHIP, INCLUDING BUT NOT LIMITED TO, PERSONAL INJURIES AND PROPERTY MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFIC EXCLUDED.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.



## How to Order

State quantity, figure number and size for each valve or fitting you wish to order. See individual catalog pages for specific or special product designations.

### HOW MANY TO ORDER

NIBCO® fittings are decimal packed for your convenience in handling, shipping and stock-keeping. Number in master carton varies with item.

### POLICY ON RETURNS TO FACTORY

No NIBCO fittings are to be returned without prior written agreement. Transportation must be prepaid. There is a 20% standard restocking fee to cover cost of rehandling and reinspection. There is a 30% restocking fee for Assemble-To-Order items.

### TECHNICAL ASSISTANCE

Engineers, contractors, wholesalers or manufacturers may obtain special or technical assistance from any factory representative of NIBCO.

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