

Submittal Package

Viega ProPress® Systems



Project _____ Date _____

Engineer _____ Contractor _____

Submitted by _____

Approved by _____ Date _____ Approved by _____ Date _____

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Potable Water

Hydronic Heating

Chilled Water

Compressed Air

Nitrogen N₂

Argon

Low Pressure Steam

Vacuum

Corgon

Oxygen O₂ (non-medical)

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This document is subject to updates. For the most current Viega technical literature, please visit www.viega.us.



Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

1 System Data Sheet

ProPress Fitting Systems



Viega ProPress may only be pressed onto copper tube in accordance with ASTM B88 or B75. When pressing onto B88 copper tube, types K, L, and M may be used. Tempers O60 and O50, known as “soft copper”, are limited to nominal sizes ½" to 1¼". Temper H58, known as “hard copper”, may be used with nominal sizes ½" to 4".



When pressing onto B75 copper tube, additional considerations apply. See [Viega ProPress Copper Tube Compatibility Tech Data](#).

ProPress fittings are available in elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges.

Components

- Alloy: Copper – UNS C12200
Zero Lead silicon bronze – C87710 (cast)
or C87700 (machined)
- Peroxidically cured EPDM sealing element
- 420 stainless steel grip ring for 2½" to 4" fittings
- PBT separator ring for 2½" to 4" fittings

Operating Parameters

- Operating pressure: 300 psi maximum
- Test pressure: 600 psi maximum
- Operating temperature: 0°F-250°F

Listings and Certifications

- | | |
|------------------------|------------------------|
| ■ NSF®-61 | ■ CSA Low Lead Content |
| ■ NSF®-372 | ■ ASME B16.51 |
| ■ IAPMO/ANSI/CAN Z1117 | ■ ASTM F3226 |
| ■ ICC-ES IC1002 | ■ FM Class 1920 |
| ■ ABS | |



Listings, certifications, and approvals are shown for reference only and may not cover every item in the product line. They are subject to change, with the most current official listings located on the appropriate agency's portal.

Compliant With

- ASME B31, B31.1, B31.3, B31.9
- ASTM B1029
- ASTM B75, B88
- ASTM F3226
- ASTM G93 Level A (O₂ Cleaned)
- CGA G-4.1 (O₂ Cleaned)
- IAPMO National Standard Plumbing Code (NSPC)
- IAPMO Uniform Mechanical Code (UMC)
- IAPMO Uniform Plumbing Code (UPC)
- ICC International Mechanical Code (IMC)
- ICC International Plumbing Code (IPC)
- ICC International Residential Code (IRC)

Approved Applications

- Hot and cold potable water
- Rainwater/gray water
- Chilled water
- Hydronic heating (with glycol)
- Low-pressure steam (15 psi maximum) with FKM sealing element swap
- Residential steam (5 psi maximum)
- Ethanol
- Compressed air
- Non-medical gases
- Vacuum (29.2" Hg maximum 68°F)

ProPress fittings are approved for installations in both above and below ground applications. Per code, local inspector approval must be obtained prior to installation below ground.

Smart Connect® Technology

ProPress fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

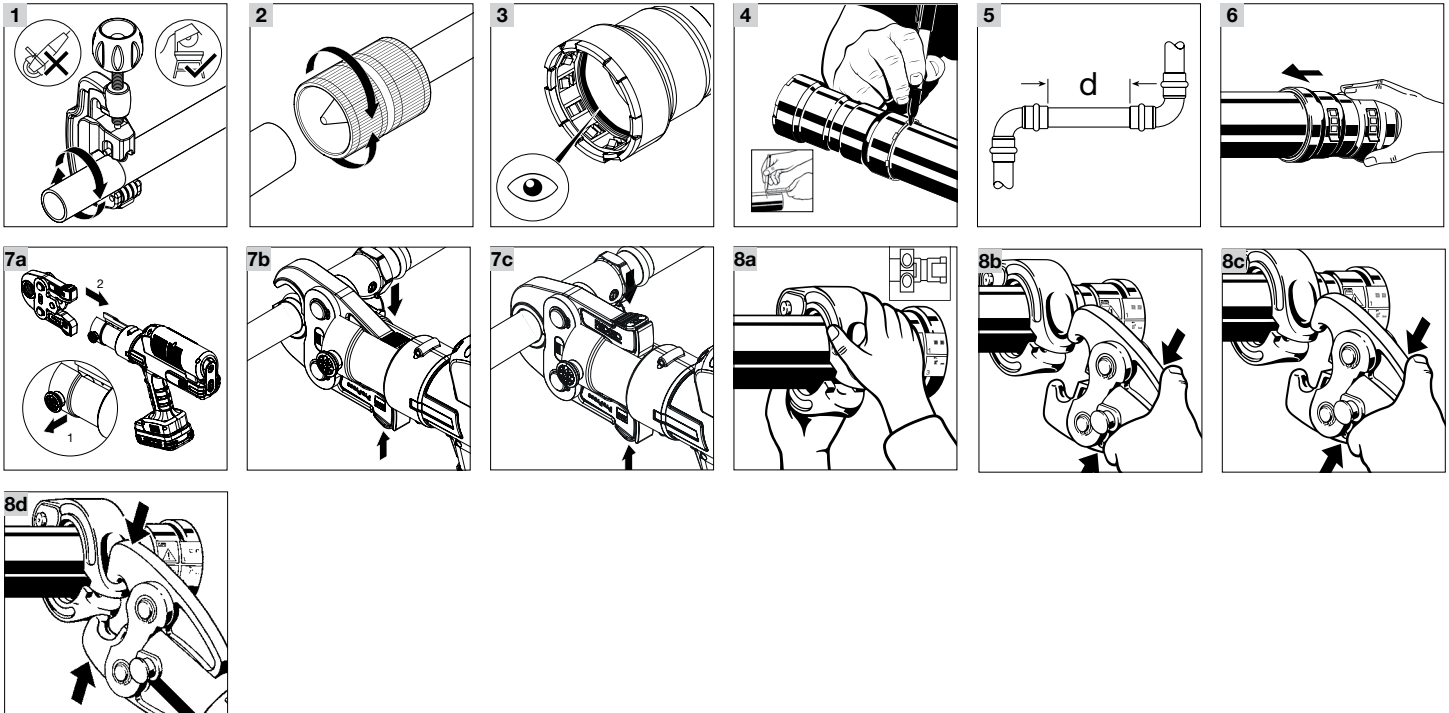
Viega ProPress Systems – Cleaned

Fittings and valves for systems requiring high-purity may be cleaned and individually bagged listed under separate part numbers.

2 Product Instructions

ProPress ½" to 4" Fittings

½"-2" fittings are for ½"-2" hard copper tubing or ½"-1¼" soft copper tubing.
2½"-4" fittings are for hard copper tubing only.



DANGER!
Read and understand all instructions for installing Viega ProPress fittings. Failure to follow all instructions may result in extensive property damage, serious injury, or death.

- 1 Cut the tube square. Do not deform the tube when cutting.
- 2 Remove burr from inside and outside of the tube and prep to proper insertion depth using a preparation tool or fine-grit sandpaper.
- 3 Fittings contain a sealing element and may contain a separator ring or grip ring. Check that all components are present, clean, and undamaged. Do not use oils or lubricants.



For applications requiring different sealing elements, remove the factory-installed sealing element and replace with the applicable sealing element. See [Changing Sealing Elements Product Instructions](#).

- 4 Mark proper insertion depth as indicated by the following ProPress Minimum Insertion Depth chart. Improper insertion depth may result in an improper seal. It is recommended that the depth marking be visible on the completed assembly.

ProPress Minimum Insertion Depth		
Tube size (in)	d (in)	d (mm)
½	¾	19
¾	7/8	23
1	7/8	23
1¼	1	26
1½	1 1/16	37
2	1 1/16	40
2½	1 11/16	43
3	1 15/16	50
4	2 3/8	60



Copper tubing must be free of surface imperfections, including metal stamped print lines, before a ProPress fitting is installed.

- 5 Refer to the following chart for the minimum distance between fittings to ensure a correct press. Failure to provide this distance may result in an improper seal.

ProPress Minimum Distance (d)		
Tube size (in)	d (in)	d (mm)
½	0	0
¾	0	0
1	0	0
1¼	7/16	10
1½	5/8	15
2	¾	20
2½	5/8	15
3	5/8	15
4	5/8	15

- 6 While turning slightly, slide fitting onto the tube to the marked depth. End of tube must contact stop. Once the assembly is completed, it is recommended that the depth marking still be visible.


Warning!

Keep extremities and foreign objects away from press tool during pressing operation to prevent injury or incomplete press.

Pressing ½" to 2" Fittings

- 7a** Insert appropriate Viega ProPress jaw (2) into the press tool and push in, holding pin (1) until it locks in place.
- 7b** Open the jaw and place at right angles on the fitting. Visually check insertion depth using mark on tubing.
- 7c** Hold trigger on press tool until press jaws have fully engaged the fitting. Jaws will automatically release after a full press is made. After pressing, open the jaw and remove the press tool.

Pressing 2½" to 4" Fittings

- 8a** ProPress 2½" to 4" connections must be performed with compatible rings. Do not mix actuators and rings from different manufacturers. Do not use rings intended for 2½" to 4" bronze fittings. Use of incompatible rings will result in an improper connection.
- 8b** Open XL-C ring and place at right angles on the fitting. XL-C ring must be engaged on the fitting bead. Check insertion depth.
- 8c** With V2 actuator inserted into the tool, open the V2 actuator and connect it to the XL-C ring.
- 8d** Hold the trigger until the V2 actuator has fully engaged the XL-C ring. Keep extremities and foreign objects away from XL-C ring and V2 actuator during pressing operation to prevent injury or incomplete press. Upon completion of the press, release the V2 actuator from XL-C ring. Remove the XL-C ring from the fitting.

Pressure testing with Smart Connect®
Technology

Unpressed connections are located by pressurizing the system with air or water. When testing with water the proper pressure range is 15 psi to 85 psi. When testing with compressed air the proper pressure range is ½ psi to 45 psi maximum. If testing with compressed air, use an approved leak-detect solution. Following a successful pressure test, the system may be pressure tested up to 200 psi with air or up to 600 psi with water.



Testing for unpressed connections using Smart Connect is not a replacement for pressure testing requirements of local codes and standards.

3 Engineering Specifications

ProPress Fitting System

Part 1: General

1.1 Summary

Copper tubing and fitting system for hot and cold water distribution systems and hydronic piping systems.

1.2 Definitions

ASME: American Society of Mechanical Engineers
 ASTM: American Society for Testing and Materials
 AWWA: American Water Works Association
 EPDM: Ethylene Propylene Diene Monomer
 IAPMO: International Association of Plumbing & Mechanical Officials
 ICC: International Code Council
 MSS: Manufacturers Standardization Society
 NSF: National Sanitation Foundation

1.3 References

ASME A13.1: Scheme for the Identification of Piping Systems
 ASME B1.20.1: Pipe Threads, General Purpose (inch)
 ASME B16.18: Cast Copper Alloy Solder Joint Pressure Fittings
 ASME B16.22: Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings
 ASME B16.26: Cast Copper Alloy Fittings for Flared Copper Tube
 ASME B16.51: Copper and Copper Alloy Press-Connect Pressure Fittings
 ASME B31.9: Building Services Piping
 ASTM B75: Standard Specification for Seamless Copper Tube
 ASTM B88: Standard Specification for Seamless Copper Water Tube
 ASTM B813: Standard Specification for Liquid and Paste Fluxes for Soldering Applications of Copper and Copper Alloy Tube
 ASTM B828: Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings
 ASTM F3226: Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems
 AWWA C651: Standard for Disinfecting Water Mains
 APMO: Uniform Mechanical Code (UMC)
 IAPMO: Uniform Plumbing Code (UPC)
 IAPMO PS-117: Press and Nail Connections
 ICC: International Plumbing Code (IPC)
 ICC: International Mechanical Code (IMC)
 MSS-SP-58 Pipe Hangers and Supports Materials, Design and Manufacturer
 NSF/ANSI 61 Drinking Water System Components - Health Effects
 NSF/ANSI 372 Drinking Water System Components - Lead Content

1.4 Quality Assurance

- Installer shall be a qualified installer, licensed within the jurisdiction, and familiar with the installation of ProPress copper press joint systems.
- ProPress copper press fittings shall be installed using the proper tool, actuator, jaws and rings as instructed by the press fitting manufacturer.
- The installation of copper tubing for hot and cold water distribution systems shall conform to the requirements of the ICC International Plumbing Code or IAPMO Uniform Plumbing Code.
- The installation of copper tubing in hydronic systems shall conform to the requirements of the ICC International Mechanical Code or the IAPMO Uniform Mechanical Code.
- ASME Compliance: ASME B31.9 for building services piping valves.

1.5 Delivery, Storage, and Handling

- A. Copper tubing shall be shipped to the job site on truck or in such a manner to protect the tubing. The tubing and fittings shall not be roughly handled during shipment. Tubing and fittings shall be unloaded with reasonable care.
- B. Protect the stored product from moisture and dirt. Elevate above grade. When stored inside, do not exceed the structural capacity of the floor.
- C. Protect fittings and piping specialties from moisture and dirt.

1.6 Project Conditions

Verify length of tubing required by field measurements.

1.7 Warranty

- A. The tubing and fittings manufacturer shall warrant that the tubing and fittings are free from defects and conform to the designated standard. The warranty shall only be applicable to tubing and fittings installed in accordance with the manufacturer's installation instructions.
- B. The manufacturer of the fittings shall not be responsible for the improper use, handling, or installation of the product.

Part 2: Products

2.1 Manufactures

Viega LLC
585 Interlocken Blvd.
Broomfield CO, 80021
Phone: (800) 976-9819
www.viega.us

2.2 Material

- A. Tubing standard: copper tubing shall conform to ASTM B75 within Viega specifications or ASTM B88.



When pressing onto B75 copper tube, additional considerations apply. See [Viega ProPress Copper Tube Compatibility Tech Data](#).

- B. Alloy: Copper alloy - UNS C12200.
- C. Fitting standard: copper fittings shall conform to ASME B16.18, ASME B16.22, or ASME B16.26.
- D. Press fitting: copper and copper alloy press fittings shall conform to material requirements of ASME B16.18 or ASME B16.22 and performance criteria of ASME B16.51 and IAPMO PS 117. Sealing elements for press fittings shall be EPDM. EPDM (Ethylene Propylene Diene Monomer) is a synthetically manufactured and peroxidically cured all purpose elastomer. Sealing elements shall be factory installed or an alternative supplied by fitting manufacturer. Press ends shall have Smart Connect® technology. In ProPress ½" to 4" dimensions, Viega's unique Smart Connect technology allows identification of an unpressed fitting during pressure testing. The function of this feature is to provide the installer quick and easy identification of connections which have not been pressed prior to putting the system into operation.
- E. Threaded fittings: pipe threads shall conform to ASME B1.20.1.
- F. Hanger standard: hangers and supports shall conform to MSS-SP-58.

2.3 Source Quality Control

- A. All fittings in contact with drinking water shall be listed by a third party agency to NSF®-61-372.

Part 3: Execution

3.1 Examination

- A. The installing contractor shall examine the copper tubing and fittings for defects, sand holes, and cracks. There shall be no defects of the tubing or fittings. Any damaged tubing or fittings shall be rejected.
- B. The installing contractor shall insure that sealing elements are properly in place and free from damage. For sizes 2½" to 4", installer should insure that the stainless steel grip ring is in place.

3.2 Preparation

- A. Copper tubing shall be cut with a wheeled tubing cutter or approved copper tubing cutting tool. The tubing shall be cut square to permit proper joining with the fittings.
- B. Remove scale, slag, dirt, and debris from inside and outside of tubing and fittings before assembly. The tubing end shall be wiped clean and dry. The burrs on the tubing shall be reamed with a deburring or reaming tool.

3.3 Installation General Locations

Plans indicate general location and arrangement of piping systems. Identified locations and arrangements are used to size tubing and calculate friction loss, expansion, pump sizing, and other design considerations. Install piping as indicated, except where deviations to layout are approved on coordination drawings.

3.4 Installation

- A. Pressure rating: install components having a pressure rating equal to or greater than the system operating pressure.
- B. Install piping free of sags, bends, and kinks.
- C. Change in direction: install fittings for changes in direction and branch connections. Where approved, changes in direction may also be made by bending of types K and L tube or those with equivalent wall thicknesses.
- D. Solder joints: solder joints shall be made in accordance with ASTM B 828. The temperature of the joint during soldering shall not be raised above the maximum temperature limitation of the flux.
- E. Threaded joints: threaded joints shall have pipe joint compound or teflon tape applied to the male threads only. Tighten joint with a wrench and backup wrench as required.
- F. Flared joints: flared copper tube joints shall be made by the appropriate use of cast copper alloy fittings. Flared ends of copper tube shall be of the 45-degree flare type and shall only be made with a flaring tool designed specifically for that purpose.
- G. Press connections: copper and copper alloy press connections shall be made in accordance with the manufacturer's installation instructions. The tubing shall be fully inserted into the fitting and the tubing marked at the shoulder of the fitting. The fitting alignment shall be checked against the mark on the tubing to assure the tubing is fully engaged (inserted) in the fitting. The joints shall be pressed using the tool(s) approved by the manufacturer.
- H. Pipe protection: provide protection against abrasion where copper tubing is in contact with other building members by wrapping with an approved tape, pipe insulation, or otherwise suitable method of isolation.
- I. Penetration protection: provide allowance for thermal expansion and contraction of copper tubing passing through a wall, floor, ceiling, or partition by wrapping with an approved tape or pipe insulation or by installing through an appropriately sized sleeve. Penetrations for fire resistant rated assemblies shall maintain the rating of the assembly.
- J. Backfill material: backfill material shall not include any ashes, cinders, refuse, stones, boulders, or other materials which can damage or break the tubing or promote corrosive action in any trench or excavation in which tubing is installed.
- K. Horizontal support: install hangers for horizontal piping in accordance with MSS-SP-58.
- L. Vertical support: vertical copper tubing shall be supported at each floor.
- M. Galvanic corrosion: hangers and supports shall be either copper or vinyl coated to prevent galvanic corrosion between the tubing and the supporting member.
- N. Seismic restraint: in seismic areas, copper tubing shall be installed to withstand all seismic forces.
- O. Piping identification: copper tubing systems shall be identified in accordance with the requirements of ASME A13.1.

3.5 Field Quality Control

- A. Water testing: the copper tubing system shall be water tested for joint tightness. The piping system shall be filled with water. The system shall be pressurized to the maximum pressure and length of time required by the code or standard. The system shall have no leaks at the rated pressure.
- B. Air testing: the copper tubing system shall be air tested for joint tightness. The piping system shall be pressurized with air to the maximum pressure of the system or to the code or standard required minimum for the required length of time. The system shall have no leaks at the rated pressure.

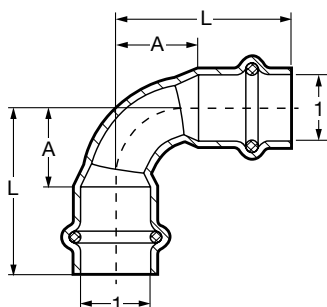
3.6 Cleaning (Potable Water Systems)

- A. Disinfection: the copper hot and cold water distribution system shall be disinfected prior to being placed in service. The system shall be disinfected in accordance with AWWA C651 or the following requirements:
 - 1. The piping system shall be flushed with potable water until discolored water does not appear at any of the outlets.
 - 2. The system shall be filled with a water chlorine solution containing at least 50 parts per million of chlorine. The system shall be valved off and allowed to stand for 24 hours or the system shall be filled with a water chlorine solution containing at least 200 parts per million of chlorine. The system shall be valved off and allowed to stand for 3 hours.
 - 3. Following the standing time, the system shall be flushed with water until the chlorine is purged from the system.

4 Dimensional Documents

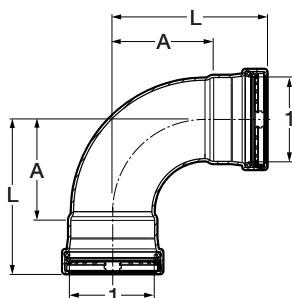
ProPress Fittings

Viega ProPress 90° Elbow Copper P x P – Model 2916



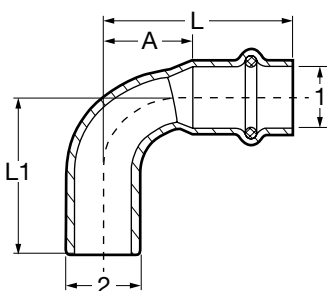
Part No.	Size (in)	A (in)		L (in)	
		1	1	Dec	Frac
77317	1/2 x 1/2	0.75	3/4	1.50	1 1/2
77022	3/4 x 3/4	0.76	3/4	1.67	1 11/16
77027	1 x 1	1.28	1 1/4	2.19	2 3/16
77032	1 1/4 x 1 1/4	1.28	1 1/4	2.31	2 5/16
77037	1 1/2 x 1 1/2	1.29	1 5/16	2.72	2 3/4
77042	2 x 2	2.16	2 3/16	3.74	3 3/4

Viega ProPress 90° Elbow P x P – Model 0916XL



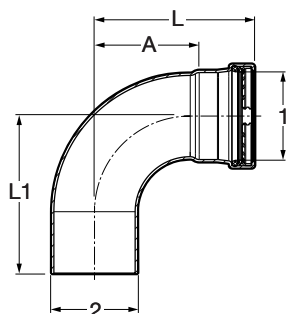
Part No.	Size (in)	A (in)		L (in)	
		1	1	Dec	Frac
20623	2 1/2 x 2 1/2	3.19	3 3/16	4.88	4 7/8
20628	3 x 3	3.76	3 3/4	5.73	5 3/4
20633	4 x 4	4.90	4 7/8	7.26	7 1/4

Viega ProPress 90° Street Elbow Copper P x FTG – Model 2916.1



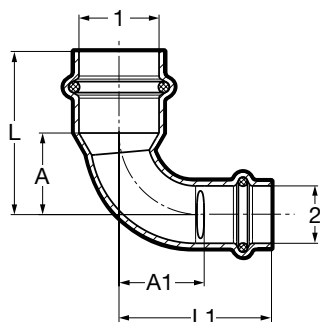
Part No.	Size (in)	A (in)		L (in)		L1 (in)	
		1	2	Dec	Frac	Dec	Frac
77347	1/2 x 1/2	0.75	3/4	1.50	1 1/2	1.54	1 9/16
77052	3/4 x 3/4	0.76	3/4	1.67	1 11/16	1.83	1 13/16
77057	1 x 1	1.28	1 1/4	2.19	2 3/16	2.27	2 1/4
77062	1 1/4 x 1 1/4	1.28	1 1/4	2.31	2 5/16	2.48	2 1/2
77067	1 1/2 x 1 1/2	1.29	1 5/16	2.72	2 3/4	2.80	2 13/16
77072	2 x 2	2.16	2 3/16	3.74	3 3/4	3.78	3 3/4

Viega ProPress 90° Street Elbow P x FTG – Model 0916.1XL



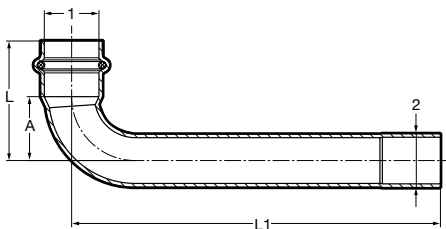
Part No.	Size (in)		A (in)		L (in)		L1 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac
20638	2½	2½	3.19	3 ³ / ₁₆	4.88	4 ⁷ / ₈	4.80	4 ¹³ / ₁₆
20643	3	3	3.76	3 ³ / ₄	5.73	5 ³ / ₄	5.63	5 ⁵ / ₈
20648	4	4	4.90	4 ⁷ / ₈	7.26	7 ¹ / ₄	7.13	7 ¹ / ₈

Viega ProPress 90° Reducing Elbow Copper P x P – Model 2916.3



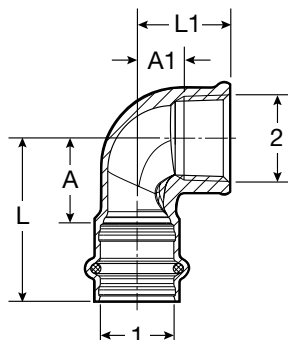
Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
77325	¾	½	0.91	15 ⁵ / ₁₆	0.94	15 ⁵ / ₁₆	1.81	1 ¹³ / ₁₆	1.69	1 ¹¹ / ₁₆
77330	1	¾	1.20	1 ³ / ₁₆	1.30	1 ⁵ / ₁₆	2.11	2 ¹ / ₈	2.21	2 ³ / ₁₆

Viega ProPress 90° Extended Street Elbow Copper P x FTG – Model 2947



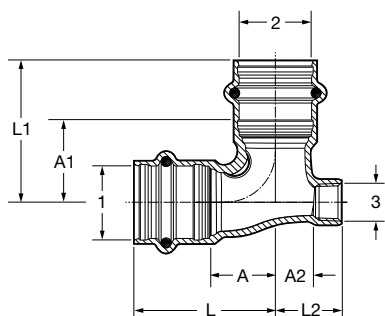
Part No.	Size (in)		A (in)		L (in)		L1 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac
77353	¾	¾	1.02	1	1.93	1 ¹⁵ / ₁₆	5.98	6

Viega ProPress 90° Elbow Zero Lead Bronze P x FPT – Model 2914.2ZL



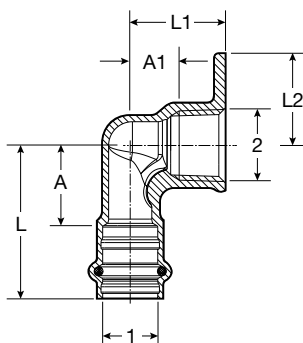
Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79520	½	¾ FPT	0.94	15 ⁵ / ₁₆	0.42	7 ¹ / ₁₆	1.77	1 ³ / ₄	0.83	13 ¹ / ₁₆
79525	½	½ FPT	0.94	15 ⁵ / ₁₆	0.57	9 ¹ / ₁₆	1.77	1 ³ / ₄	1.10	1 ¹ / ₈
79530	½	¾ FPT	1.06	1 ¹ / ₁₆	0.51	½	1.89	1 ⁷ / ₈	1.06	1 ¹ / ₁₆
79535	¾	½ FPT	1.06	1 ¹ / ₁₆	0.65	5 ¹ / ₈	1.97	2	1.18	1 ³ / ₁₆
79540	¾	¾ FPT	1.06	1 ¹ / ₁₆	0.57	9 ¹ / ₁₆	1.97	2	1.12	1 ¹ / ₈
79545	1	½ FPT	1.06	1 ¹ / ₁₆	0.72	¾	1.97	2	1.26	1 ¹ / ₄
79550	1	1 FPT	1.34	1 ⁵ / ₁₆	0.76	¾	2.24	2 ¹ / ₄	1.42	1 ⁷ / ₁₆
79560	1¼	1¼ FPT	1.54	1 ⁹ / ₁₆	0.89	7 ¹ / ₈	2.56	2 ⁹ / ₁₆	1.57	1 ⁹ / ₁₆
79565	1½	1½ FPT	1.69	1 ¹¹ / ₁₆	1.05	1 ¹ / ₁₆	3.11	3 ¹ / ₈	1.73	1 ³ / ₄
79570	2	2 FPT	2.17	2 ³ / ₁₆	1.35	1 ³ / ₈	3.74	3 ³ / ₄	2.05	2 ¹ / ₁₆

Viega ProPress Vent Elbow Zero Lead Bronze P x P x FPT – Model 2917.3ZL



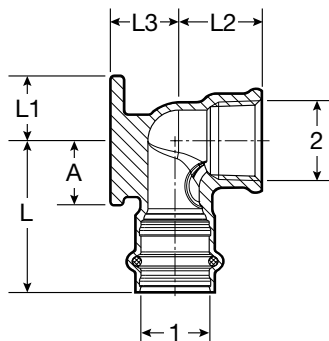
Part No.	Size (in)			A (in)		A1 (in)		A2 (in)		L (in)		L1 (in)		L2 (in)	
	1	2	3	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79635	½	½	⅛ FPT	0.67	1⁄16	0.67	1⁄16	0.44	7⁄16	1.50	1½	1.50	1½	0.71	11⁄16
79640	¾	¾	⅛ FPT	0.83	13⁄16	0.83	13⁄16	0.54	9⁄16	1.73	1¾	1.73	1¾	0.81	13⁄16

Viega ProPress 90° Hi Ear Elbow Zero Lead Bronze P x FPT – Model 2925.2ZL



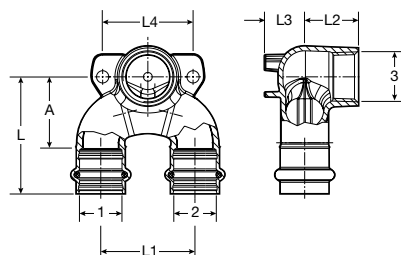
Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79205	½	½ FPT	0.94	15⁄16	0.57	9⁄16	1.77	1¾	1.10	11⁄8	1.07	11⁄16

Viega ProPress 90° Drop Ear Elbow Zero Lead Bronze P X FPT – Model 2925.5ZL



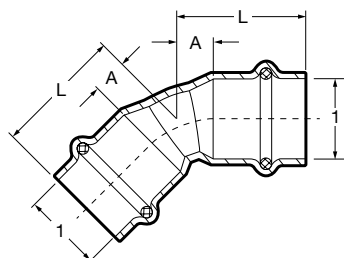
Part No.	Size (in)		A (in)		L (in)		L1 (in)		L2 (in)		L3 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79185	½	¾ FPT	0.94	15⁄16	1.77	1¾	0.74	¾	0.83	3⁄16	0.67	11⁄16
79190	½	½ FPT	0.94	15⁄16	1.77	1¾	0.74	¾	0.87	7⁄8	0.51	½
79195	¾	¾ FPT	1.06	11⁄16	1.97	2	0.83	13⁄16	1.12	11⁄8	0.83	13⁄16

Viega ProPress Double Drop Elbow Zero Lead Bronze P x P x FPT – Model 2928.7ZL



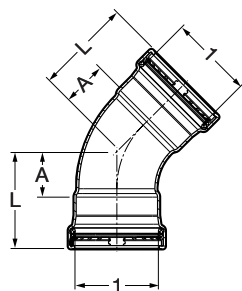
Part No.	Size (in)			A (in)		L (in)		L1 (in)		L2 (in)		L3 (in)		L4 (in)	
	1	2	3	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
78800	1/2	x 1/2	x 1/2 FNPT	1.34	15/16	2.17	23/16	1.97	2	1.10	11/8	0.67	11/16	1.57	19/16
78802	3/4	x 3/4	x 1/2 FNPT	1.54	19/16	2.44	27/16	1.97	2	1.10	11/8	0.83	13/16	2.05	21/16
78801	3/4	x 3/4	x 3/4 FNPT	1.54	19/16	2.44	27/16	1.97	2	1.12	11/8	0.83	13/16	1.89	17/8
78803	1	x 1	x 1/2 FNPT	1.77	13/4	2.68	211/16	2.36	23/8	1.10	11/8	0.87	7/8	2.52	11/2

Viega ProPress 45° Elbow Copper P x P – Model 2926



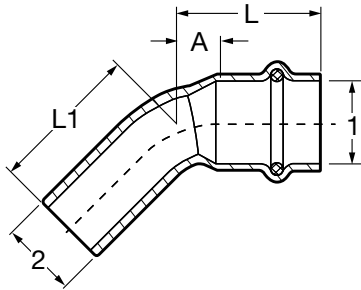
Part No.	Size (in)		A (in)		L (in)	
	1	1	Dec	Frac	Dec	Frac
77607	1/2	x 1/2	0.30	5/16	1.04	11/16
77023	3/4	x 3/4	0.36	3/8	1.26	11/4
77028	1	x 1	0.47	1/2	1.38	13/8
77033	1 1/4	x 1 1/4	0.58	9/16	1.61	15/8
77038	1 1/2	x 1 1/2	0.65	5/8	2.08	21/16
77043	2	x 2	0.86	7/8	2.44	27/16

Viega ProPress 45° P x P – Model 0926XL



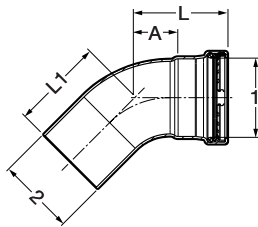
Part No.	Size (in)		A (in)		L (in)	
	1	1	Dec	Frac	Dec	Frac
20653	2 1/2	x 2 1/2	1.48	1 1/2	3.18	3 3/16
20658	3	x 3	1.73	1 3/4	3.70	3 11/16
20663	4	x 4	1.96	1 15/16	4.63	4 5/8

Viega ProPress 45° Street Elbow Copper P x FTG – Model 2926.1



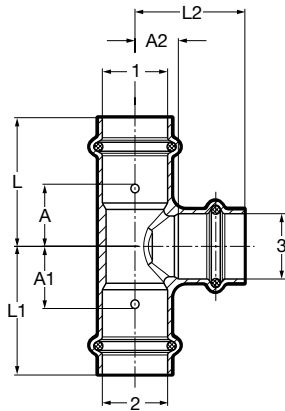
Part No.	Size (in)		A (in)		L (in)		L1 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac
77637	1/2 x 1/2		0.31	5/16	1.06	1 1/16	1.10	1 1/8
77053	3/4 x 3/4		0.36	3/8	1.26	1 1/4	1.30	1 5/16
77058	1 x 1		0.47	1/2	1.38	1 3/8	1.49	1 1/2
77063	1 1/4 x 1 1/4		0.58	9/16	1.61	1 5/8	1.67	1 11/16
77068	1 1/2 x 1 1/2		0.65	5/8	2.08	2 1/16	2.04	2 1/16
77073	2 x 2		0.86	7/8	2.44	2 7/16	2.54	2 9/16

Viega ProPress 45° Street Elbow P x FTG – Model 0926.1XL

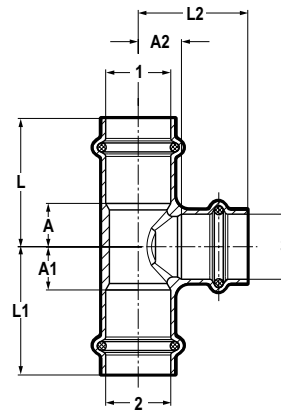


Part No.	Size (in)		A (in)		L (in)		L1 (in)	
	1	2	Dec	Frac	Dec	Frac	Dec	Frac
20668	2 1/2 x 2 1/2		1.48	1 1/2	3.18	3 3/16	3.10	3 3/8
20673	3 x 3		1.73	1 3/4	3.70	3 11/16	3.60	3 5/8
20678	4 x 4		2.23	2 1/4	4.59	4 9/16	4.45	4 7/16

Viega ProPress Tee Copper P x P x P – Model 2918



This drawing applies to all part numbers in the below table
except for 77377, 77387, 77402, 77412, 77432, and 77437.

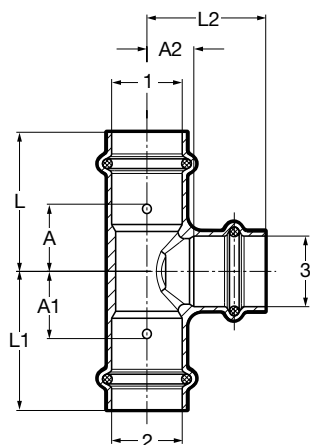


This drawing **only applies** to part numbers 77377, 77387,
77402, 77412, 77432, and 77437.

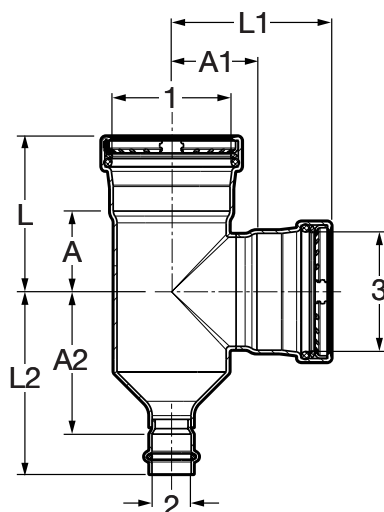
Part No.	Size (in)			A (in)		A1 (in)		A2 (in)		L (in)		L1 (in)		L2 (in)	
	1	2	3	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
77377	1/2	x 1/2	x 1/2	0.52	1/2	0.52	1/2	0.50	1/2	1.50	1 1/2	1.50	1 1/2	1.25	1 1/4
77382	1/2	x 1/2	x 3/4	0.91	15/16	0.91	15/16	0.59	9/16	1.65	1 5/8	1.65	1 5/8	1.50	1 1/2
15493	1/2	x 1/2	x 1	1.10	1 1/8	1.10	1 1/8	0.55	9/16	1.85	1 7/8	1.85	1 7/8	1.46	1 7/16
77387	3/4	x 3/4	x 3/4	0.63	5/8	0.63	5/8	0.59	9/16	1.75	1 3/4	1.75	1 3/4	1.50	1 1/2
77392	3/4	x 1/2	x 1/2	0.69	11/16	0.98	1	0.63	5/8	1.59	1 9/16	1.73	1 3/4	1.38	1 3/8
77397	3/4	x 1/2	x 3/4	0.85	7/8	1.14	1 3/16	0.59	9/16	1.75	1 3/4	1.89	1 7/8	1.50	1 1/2
77402	3/4	x 3/4	x 1/2	0.46	7/16	0.46	7/16	0.63	5/8	1.59	1 9/16	1.59	1 9/16	1.38	1 3/8
77407	3/4	x 3/4	x 1	0.97	1	0.97	1	0.63	5/8	1.87	1 7/8	1.87	1 7/8	1.54	1 9/16
77412	1	x 1	x 1	0.71	11/16	0.71	11/16	0.79	13/16	1.87	1 7/8	1.87	1 7/8	1.69	1 11/16
22263	1	x 1/2	x 3/4	0.85	7/8	1.24	1 1/4	0.75	3/4	1.76	1 3/4	1.99	2	1.66	1 11/16
94767	1	x 1/2	x 1	0.97	1	1.52	1 1/2	0.79	13/16	1.87	1 7/8	2.26	2 1/4	1.69	1 11/16
77417	1	x 3/4	x 1/2	0.69	11/16	0.89	7/8	0.79	13/16	1.59	1 9/16	1.79	1 13/16	1.54	1 9/16
77422	1	x 3/4	x 3/4	0.85	7/8	1.04	1 1/16	0.75	3/4	1.75	1 3/4	1.95	1 15/16	1.65	1 5/8
77427	1	x 3/4	x 1	0.97	1	1.18	1 3/16	0.78	3/4	1.87	1 7/8	2.07	2 1/16	1.69	1 11/16
77432	1	x 1	x 1/2	0.47	1/2	0.47	1/2	0.79	13/16	1.59	1 9/16	1.59	1 9/16	1.54	1 9/16
77437	1	x 1	x 3/4	0.56	9/16	0.56	9/16	0.75	3/4	1.75	1 3/4	1.75	1 3/4	1.65	1 5/8
15488	1	x 1	x 1 1/4	1.16	1 3/16	1.16	1 3/16	0.84	13/16	2.07	2 1/16	2.07	2 1/16	1.87	1 7/8
77442	1 1/4	x 1 1/4	x 1 1/4	1.02	1	1.02	1	0.86	7/8	2.05	2 1/16	2.05	2 1/16	1.89	1 7/8
22253	1 1/4	x 1/2	x 1 1/4	1.02	1	1.77	1 3/4	0.87	7/8	2.05	2 1/16	2.52	2 1/2	1.89	1 7/8
22243	1 1/4	x 3/4	x 1/2	0.64	5/8	1.13	1 1/8	0.93	15/16	1.68	1 11/16	2.03	2 1/16	1.68	1 11/16
22258	1 1/4	x 3/4	x 3/4	0.76	3/4	1.30	1 5/16	0.87	7/8	1.80	1 13/16	2.21	2 3/16	1.78	1 3/4
22268	1 1/4	x 3/4	x 1	0.88	7/8	1.40	1 3/8	0.91	15/16	1.91	1 15/16	2.31	2 5/16	1.82	1 13/16
22248	1 1/4	x 3/4	x 1 1/4	1.02	1	1.54	1 9/16	0.86	7/8	2.05	2 1/16	2.45	2 7/16	1.89	1 7/8
22238	1 1/4	x 1	x 1/2	0.64	5/8	0.91	15/16	0.93	15/16	1.68	1 11/16	1.82	1 13/16	1.68	1 11/16
94762	1 1/4	x 1	x 3/4	0.76	3/4	1.14	1 1/8	0.87	7/8	1.79	1 13/16	2.05	2 1/16	1.77	1 3/4
14568	1 1/4	x 1	x 1	0.88	7/8	1.28	1 1/4	0.91	15/16	1.91	1 15/16	2.19	2 3/16	1.81	1 13/16
94757	1 1/4	x 1 1/4	x 1/2	0.65	5/8	0.65	5/8	0.93	15/16	1.67	1 11/16	1.67	1 11/16	1.67	1 11/16
77452	1 1/4	x 1 1/4	x 3/4	0.77	3/4	0.77	3/4	0.89	7/8	1.79	1 13/16	1.79	1 13/16	1.77	1 3/4
77447	1 1/4	x 1 1/4	x 1	0.88	7/8	0.88	7/8	0.90	7/8	1.91	1 15/16	1.91	1 15/16	1.81	1 13/16
77457	1 1/2	x 1 1/2	x 1 1/2	1.13	1 1/8	1.13	1 1/8	1.13	1 1/8	2.56	2 9/16	2.56	2 9/16	2.56	2 9/16

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Viega ProPress Tee Copper P x P x P – Model 2918, continued



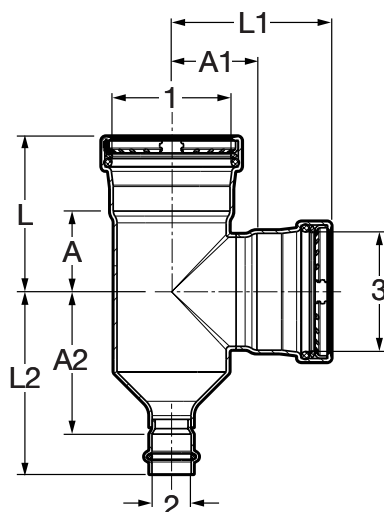
Part No.	Size (in)			A (in)		A1 (in)		A2 (in)		L (in)		L1 (in)		L2 (in)	
	1	2	3	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79660	1½	x 1	x ¾	0.67	11/16	1.39	1¾	1.16	1¾	2.17	2¾	2.44	27/16	2.05	21/16
15458	1½	x 1	x 1	0.74	¾	1.54	19/16	1.06	11/16	2.17	2¾	2.44	27/16	1.97	2
15463	1½	x 1	x 1½	1.13	11/8	1.83	113/16	1.13	11/8	2.56	29/16	2.74	2¾	2.56	29/16
22233	1½	x 1¼	x ¾	0.67	11/16	1.08	11/16	1.15	11/8	2.09	21/16	2.11	21/8	2.05	21/16
15453	1½	x 1¼	x 1	0.74	¾	1.29	15/16	1.18	1¾	2.17	2¾	2.32	25/16	2.09	21/16
15483	1½	x 1¼	x 1¼	0.86	7/8	1.33	15/16	1.13	11/8	2.28	2¼	2.36	23/8	2.17	23/16
15448	1½	x 1½	x ½	0.47	½	0.47	½	1.10	11/8	1.89	17/8	1.89	17/8	1.85	17/8
77462	1½	x 1½	x ¾	0.66	11/16	0.66	11/16	1.14	11/8	2.09	21/16	2.09	21/16	2.05	21/16
77467	1½	x 1½	x 1	0.74	¾	0.74	¾	1.18	1¾	2.17	2¾	2.17	2¾	2.09	21/16
77472	1½	x 1½	x 1¼	0.86	7/8	0.86	7/8	1.13	11/8	2.28	2¼	2.28	2¼	2.17	23/16
77477	2	x 2	x 2	1.37	1¾	1.37	1¾	1.37	1¾	2.95	215/16	2.95	215/16	2.95	215/16
15518	2	x 1¼	x 1¼	0.94	15/16	1.84	113/16	1.33	15/16	2.52	2½	2.87	27/8	2.36	23/8
15513	2	x 1½	x ¾	0.70	11/16	1.25	1¼	1.38	1¾	2.28	2¼	2.68	211/16	2.28	2¼
15498	2	x 1½	x 1	0.82	13/16	1.45	27/16	1.38	1¾	2.40	23/8	2.87	27/8	2.28	2¼
15508	2	x 1½	x 1¼	0.94	15/16	1.55	19/16	1.49	1½	2.52	2½	2.97	3	2.52	2½
15503	2	x 1½	x 1½	1.13	11/8	1.65	15/8	1.37	1¾	2.72	2¾	3.07	31/16	2.80	213/16
22228	2	x 1½	x 2	1.38	1¾	1.89	17/8	1.38	1¾	2.95	215/16	3.33	35/16	2.95	215/16
15538	2	x 2	x ½	0.54	9/16	0.54	9/16	1.30	15/16	2.13	21/8	2.13	21/8	2.05	21/16
94777	2	x 2	x ¾	0.79	13/16	0.79	13/16	1.26	1¼	2.37	23/8	2.37	23/8	2.17	23/16
94772	2	x 2	x 1	0.91	15/16	0.91	15/16	1.30	15/16	2.49	2½	2.49	2½	2.21	23/16
77487	2	x 2	x 1¼	1.04	11/16	1.04	11/16	1.37	1¾	2.62	25/8	2.62	25/8	2.40	23/8
77482	2	x 2	x 1½	1.13	11/8	1.13	11/8	1.37	1¾	2.72	2¾	2.72	2¾	2.80	213/16

Viega ProPress Tee P x P x P – Model 0918XL


Part No.	Size (in)			A (in)		A1 (in)		A2 (in)		L (in)		L1 (in)		L2 (in)	
	1	2	3	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec
22317	2½ x ¾ x 2½			1.83	1⅜	1.91	1⅝	3.35	3⅜	3.52	3½	3.60	3⅝	4.25	4¼
20689	2½ x 1 x 2½			1.83	1⅜	1.91	1⅝	3.25	3¼	3.52	3½	3.60	3⅝	4.15	4⅛
20694	2½ x 1¼ x 2½			1.83	1⅜	1.91	1⅝	3.20	1⅜	3.52	3½	3.60	3⅝	4.23	4¼
20699	2½ x 1½ x 2½			1.83	1⅜	1.91	1⅝	3.14	2⅛	3.52	3½	3.60	3⅝	4.57	4⅞
22316	2½ x 2 x ¾			1.04	1⅛	1.76	1¾	1.59	1⅞	2.74	2¾	2.67	2⅞	3.17	3⅜
20709	2½ x 2 x 1			1.04	1⅛	1.77	1¾	1.65	1⅝	2.74	2¾	2.67	2⅞	3.24	3¼
22283	2½ x 2 x 1½			1.30	1⅝	1.78	1¾	2.07	2⅞	2.99	3	3.20	1⅜	3.66	3⅞
22278	2½ x 2 x 2			1.50	1½	1.78	1¾	2.25	2¼	3.19	3⅜	3.36	3⅝	3.83	3⅞
20714	2½ x 2 x 2½			1.83	1⅜	1.91	1⅝	2.41	2⅞	3.52	3½	3.60	3⅝	4.00	4
22311	2½ x 2½ x ½			0.91	1⅝	1.60	1⅝	0.91	1⅝	2.60	2⅝	2.35	2⅝	2.60	2⅝
22309	2½ x 2½ x ¾			0.91	1⅝	1.66	1⅞	0.91	1⅝	2.60	2⅝	2.56	2⅞	2.60	2⅝
22293	2½ x 2½ x 1			1.04	1⅛	1.77	1¾	1.04	1⅞	2.74	2¾	2.68	2⅞	2.74	2¾
22288	2½ x 2½ x 1¼			1.16	1⅜	1.76	1¾	1.16	1⅜	2.85	2⅞	2.79	2⅞	2.85	2⅞
20803	2½ x 2½ x 1½			1.30	1⅝	1.78	¾	1.30	1⅝	2.99	3	3.21	3⅜	2.99	3
20688	2½ x 2½ x 2			1.54	1⅞	1.75	¾	1.54	1⅞	3.23	3¼	3.34	3⅝	3.23	3¼
20683	2½ x 2½ x 2½			1.83	1⅜	1.94	1⅝	1.83	1⅜	3.52	3½	3.63	3⅝	3.52	3½
22318	3 x ¾ x 3			2.07	2⅞	2.15	2⅞	3.82	3⅜	4.04	4⅞	4.11	4⅞	4.72	4¾
20724	3 x 1 x 3			2.07	2⅞	2.15	2⅞	3.96	3⅝	4.04	4⅞	4.11	4⅞	4.86	4⅞
20729	3 x 1¼ x 3			2.07	2⅞	2.15	2⅞	3.83	3⅜	4.04	4⅞	4.11	4⅞	4.86	4⅞
20727	3 x 1½ x 3			2.07	2⅞	2.15	2⅞	3.71	3⅞	4.04	4⅞	4.11	4⅞	5.14	5⅞
20732	3 x 2 x 2			1.56	1⅞	2.03	2⅞	2.33	2⅝	3.52	3½	3.61	3⅝	3.92	3⅝
20734	3 x 2 x 2½			1.85	1⅞	2.15	2⅞	2.63	2⅝	3.82	3⅜	3.85	3⅞	4.21	4⅞
20739	3 x 2 x 3			2.07	2⅞	2.15	2⅞	2.84	2⅜	4.04	4⅞	4.11	4⅞	4.43	4⅞
20744	3 x 2½ x 2			1.56	1⅞	2.03	2⅞	2.07	2⅞	3.52	3½	3.61	3⅝	3.76	3¾
20749	3 x 2½ x 2½			1.85	1⅞	2.15	2⅞	2.56	2⅞	3.82	3⅜	3.85	3⅞	4.25	4¼
20754	3 x 2½ x 3			2.07	2⅞	2.15	2⅞	2.78	2¾	4.04	4⅞	4.11	4⅞	4.47	4½
22315	3 x 3 x ½			0.93	1⅝	1.85	1⅞	0.93	1⅝	2.89	2⅞	2.60	2⅝	2.89	2⅞
22310	3 x 3 x ¾			0.93	1⅝	1.91	1⅝	0.93	1⅝	2.89	2⅞	2.81	2⅞	2.89	2⅞
22308	3 x 3 x 1			1.06	2⅞	2.02	2	1.06	1⅞	3.03	3⅞	2.92	2⅞	3.03	3⅞
22313	3 x 3 x 1¼			1.18	1⅜	2.01	2	1.18	1⅜	3.15	3⅞	3.04	3⅞	3.15	3⅞
20798	3 x 3 x 1½			1.32	1⅝	2.03	2⅞	1.32	1⅝	3.29	3⅝	3.45	3⅞	3.29	3⅝

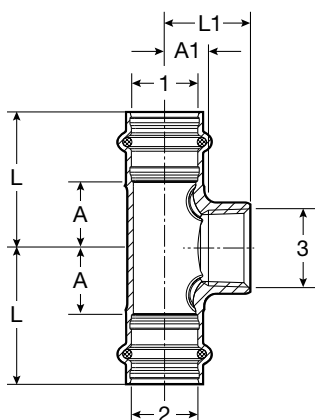
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Viega ProPress Tee P x P x P – Model 0918XL, continued



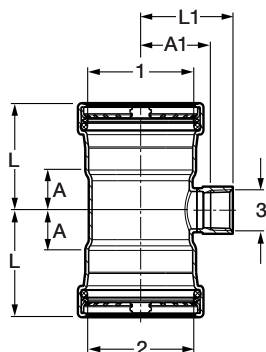
Part No.	Size (in)			A (in)		A1 (in)		A2 (in)		L (in)		L1 (in)		L2 (in)	
	1	2	3	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec
20698	3	3	2	1.56	1 ⁹ / ₁₆	2.00	2	1.56	1 ⁹ / ₁₆	3.52	3 ¹ / ₂	3.59	3 ⁹ / ₁₆	3.52	2 ¹ / ₂
20703	3	3	2 ¹ / ₂	1.85	1 ⁷ / ₈	2.15	2 ¹ / ₈	1.85	1 ⁷ / ₈	3.82	3 ¹³ / ₁₆	3.85	3 ⁷ / ₈	3.82	3 ¹³ / ₁₆
20693	3	3	3	2.07	2 ¹ / ₁₆	2.21	2 ³ / ₁₆	2.07	2 ¹ / ₁₆	4.04	4 ¹ / ₁₆	4.18	4 ³ / ₁₆	4.04	4 ¹ / ₁₆
20774	4	3	2	1.59	1 ⁹ / ₁₆	2.57	2 ⁹ / ₁₆	3.33	3 ⁵ / ₁₆	3.96	3 ¹⁵ / ₁₆	4.15	4 ¹ / ₈	5.22	5 ¹ / ₄
20784	4	3	3	2.11	2 ¹ / ₈	2.66	2 ¹¹ / ₁₆	3.84	3 ¹³ / ₁₆	4.47	4 ¹ / ₂	4.63	4 ⁵ / ₈	5.81	5 ¹³ / ₁₆
22314	4	4	1 ¹ / ₂	1.08	1 ¹ / ₁₆	2.35	2 ³ / ₈	1.08	1 ¹ / ₁₆	3.45	3 ⁷ / ₁₆	3.10	3 ¹ / ₈	3.45	3 ⁷ / ₁₆
22312	4	4	3 ⁴ / ₄	1.08	1 ¹ / ₁₆	2.41	2 ⁷ / ₁₆	1.08	1 ¹ / ₁₆	3.45	3 ⁷ / ₁₆	3.31	3 ⁵ / ₁₆	3.45	3 ⁷ / ₁₆
20794	4	4	1	1.36	1 ³ / ₈	2.52	2 ¹ / ₂	1.36	1 ³ / ₈	3.72	3 ³ / ₄	3.42	3 ⁷ / ₁₆	3.72	3 ³ / ₄
20795	4	4	1 ¹ / ₄	1.36	1 ³ / ₈	2.50	2 ¹ / ₂	1.36	1 ³ / ₈	3.72	3 ³ / ₄	3.54	3 ⁹ / ₁₆	3.72	3 ³ / ₄
20808	4	4	1 ¹ / ₂	1.36	1 ³ / ₈	2.52	2 ¹ / ₂	1.36	1 ³ / ₈	3.72	3 ³ / ₄	3.95	3 ¹⁵ / ₁₆	3.72	3 ³ / ₄
20713	4	4	2	1.59	1 ⁹ / ₁₆	2.53	2 ¹ / ₂	1.59	1 ⁹ / ₁₆	3.96	3 ¹⁵ / ₁₆	4.11	4 ¹ / ₈	3.96	3 ¹⁵ / ₁₆
20718	4	4	2 ¹ / ₂	1.89	1 ⁷ / ₈	2.65	2 ¹¹ / ₁₆	1.89	1 ⁷ / ₈	4.25	4 ¹ / ₄	4.35	4 ³ / ₈	4.25	4 ¹ / ₄
20723	4	4	3	2.11	2 ¹ / ₈	2.69	2 ¹¹ / ₁₆	2.11	2 ¹ / ₈	4.47	4 ¹ / ₂	4.65	4 ⁵ / ₈	4.47	4 ¹ / ₂
20708	4	4	4	2.60	2 ⁵ / ₈	2.72	2 ³ / ₄	2.60	2 ⁵ / ₈	4.96	4 ¹⁵ / ₁₆	5.09	5 ¹ / ₁₆	4.96	4 ¹⁵ / ₁₆

Viega ProPress Tee Zero Lead Bronze P x P x FPT – Model 2917.2ZL



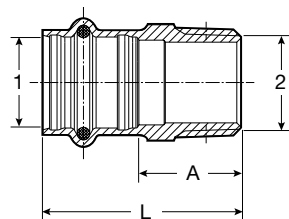
Part No.	Size (in)			A (in)		A1 (in)		L (in)		L1 (in)		
	1	2	3	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	
79580	½	x ½	x ½	FPT	0.79	13⁄16	0.69	11⁄16	1.61	1⅝	1.30	1⅝
79585	¾	x ¾	x ¼	FPT	0.67	11⁄16	0.79	13⁄16	1.57	1⅞	1.18	1⅜
79590	¾	x ¾	x ½	FPT	0.79	13⁄16	0.88	7⁄8	1.69	111⁄16	1.42	17⁄16
79595	¾	x ¾	x ¾	FPT	0.91	15⁄16	0.59	9⁄16	1.81	113⁄16	1.14	1⅛
79760	1	x 1	x ½	FPT	0.79	13⁄16	1.04	1⅛	1.69	111⁄16	1.57	1⅞
79765	1	x 1	x ¾	FPT	0.91	15⁄16	1.06	1⅛	1.81	113⁄16	1.61	1⅝
79770	1¼	x 1¼	x ½	FPT	0.83	13⁄16	1.16	13⁄16	1.85	1⅞	1.69	111⁄16
79775	1¼	x 1¼	x ¾	FPT	0.95	15⁄16	1.18	13⁄16	1.97	2	1.73	1¾
79780	1½	x 1½	x ½	FPT	0.87	7⁄8	1.24	1¼	2.28	2¼	1.77	113⁄16
79785	1½	x 1½	x ¾	FPT	0.94	15⁄16	1.30	15⁄16	2.36	2⅜	1.85	1⅞
79790	2	x 2	x ½	FPT	0.98	1	1.59	19⁄16	2.56	29⁄16	2.13	2⅛
79795	2	x 2	x ¾	FPT	1.06	1⅛	1.65	111⁄16	2.64	2⅝	2.20	23⁄16

Viega ProPress Tee P x P x FPT – Model 0917.2XL



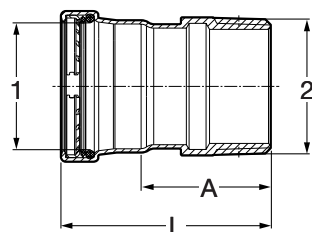
Part No.	Size (in)			A (in)		A1 (in)		L (in)		L1 (in)		
	1	2	3	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	
20883	2½	x 2½	x ¾	FPT	1.02	1	1.78	1¾	2.72	2¾	2.34	2 ⁵ / ₁₆
20878	2½	x 2½	x 2	FPT	1.54	1 ⁹ / ₁₆	1.90	1 ¹⁵ / ₁₆	3.23	3¼	2.60	2 ⁵ / ₈
20893	3	x 3	x ¾	FPT	1.04	1 ¹ / ₁₆	2.03	2 ¹ / ₁₆	3.01	3	2.59	2 ⁹ / ₁₆
20888	3	x 3	x 2	FPT	1.56	1 ⁹ / ₁₆	2.16	2 ³ / ₁₆	3.52	3½	2.85	2 ⁷ / ₈
20873	4	x 4	x ¾	FPT	1.08	1 ¹ / ₁₆	2.53	2½	3.34	3 ⁵ / ₁₆	3.09	3 ¹ / ₁₆
20868	4	x 4	x 2	FPT	1.59	1 ⁹ / ₁₆	2.69	2 ¹¹ / ₁₆	3.96	3 ¹⁵ / ₁₆	3.38	3 ³ / ₈

Viega ProPress Adapter Zero Lead Bronze P x MPT – Model 2911ZL



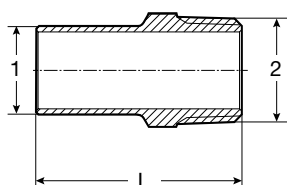
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79210	½ x ¾ MPT		0.77	¾	1.59	1⅞
79215	½ x ½ MPT		0.89	⅞	1.71	1⅞
79220	½ x ¾ MPT		1.00	1	1.83	1⅞
79225	¾ x ½ MPT		1.02	1	1.93	1⅞
79230	¾ x ¾ MPT		1.02	1	1.93	1⅞
79235	¾ x 1 MPT		1.18	1⅜	2.09	2⅞
79240	1 x ¾ MPT		1.18	1⅜	2.09	2⅞
79245	1 x 1 MPT		1.26	1¼	2.17	2⅜
79250	1 x 1¼ MPT		1.54	1⅞	2.44	2⅞
79255	1¼ x 1 MPT		1.22	1¼	2.24	2¼
79260	1¼ x 1¼ MPT		1.34	1⅞	2.36	2⅜
79265	1¼ x 1½ MPT		1.48	1½	2.50	2½
79270	1½ x 1¼ MPT		1.34	1⅞	2.76	2¾
79275	1½ x 1½ MPT		1.28	1¼	2.70	2⅞
79280	1½ x 2 MPT		1.65	1⅝	3.07	3⅞
79285	2 x 1½ MPT		1.54	1⅞	3.11	3⅝
79290	2 x 2 MPT		1.50	1½	3.07	3⅞

Viega ProPress Adapter P x MPT – Model 0911XL



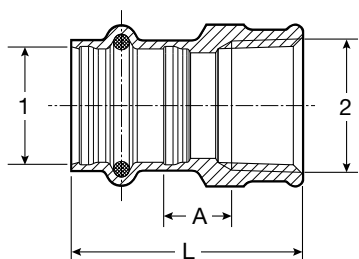
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
20823	2½ x 2½ MPT		2.76	2¾	4.45	47/16
20828	3 x 3 MPT		2.84	2 ¹³ / ₁₆	4.80	4 ¹³ / ₁₆
20838	4 x 4 MPT		3.10	3⅛	5.46	57/16

Viega ProPress Adapter Zero Lead Bronze FTG x MPT – Model 2911.1ZL



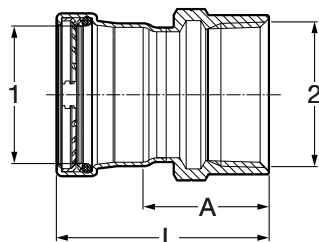
Part No.	Size (in)		L (in)	
	1	2	Dec	Frac
79375	½ x ¾ MPT		1.75	1¾
79380	½ x ½ MPT		1.95	1 ¹⁵ / ₁₆
79385	½ x ¾ MPT		2.05	2 ¹ / ₁₆
79390	¾ x ½ MPT		1.93	1 ¹⁵ / ₁₆
79395	¾ x ¾ MPT		2.05	2 ¹ / ₁₆
79400	1 x ¾ MPT		2.05	2 ¹ / ₁₆
79405	1 x 1 MPT		2.22	2¼
79410	1¼ x 1¼ MPT		2.54	2 ⁹ / ₁₆
79415	1½ x 1½ MPT		2.89	2 ⁷ / ₈
79420	2 x 2 MPT		3.33	3 ⁵ / ₁₆

Viega ProPress Adapter Zero Lead Bronze P x FPT – Model 2912ZL



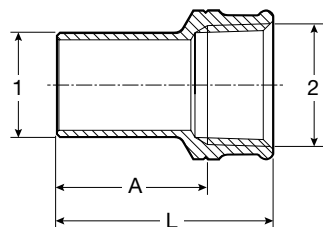
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79295	½ x ¾ FPT		0.19	3/16	1.42	1 ⁷ / ₁₆
79300	½ x ½ FPT		0.25	¼	1.61	1 ⁵ / ₈
79305	½ x ¾ FPT		0.27	¼	1.65	1 ⁵ / ₈
79310	¾ x ½ FPT		0.33	5/16	1.77	1¾
79315	¾ x ¾ FPT		0.35	3/8	1.81	1 ¹³ / ₁₆
79320	1 x ½ FPT		0.41	7/16	1.85	1 ⁷ / ₈
79325	1 x ¾ FPT		0.39	3/8	1.85	1 ⁷ / ₈
79330	1 x 1 FPT		0.44	7/16	2.01	2
79335	1 x 1¼ FPT		0.50	½	2.09	2 ¹ / ₁₆
79340	1¼ x ½ FPT		0.37	3/8	1.93	1 ¹⁵ / ₁₆
79345	1¼ x 1 FPT		0.24	¼	1.93	1 ¹⁵ / ₁₆
79350	1¼ x 1¼ FPT		0.34	5/16	2.05	2 ¹ / ₁₆
79355	1¼ x 1½ FPT		0.42	7/16	2.13	2 ¹ / ₈
79360	1½ x 1¼ FPT		0.26	¼	2.36	2 ³ / ₈
79365	1½ x 1½ FPT		0.34	5/16	2.44	2 ⁷ / ₁₆
79370	2 x 2 FPT		0.41	7/16	2.68	2 ¹¹ / ₁₆

Viega ProPress Adapter P x FPT – Model 0912XL



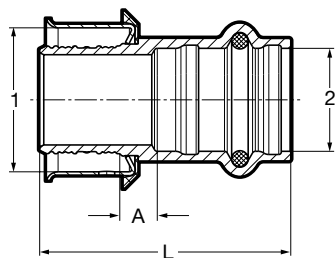
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
20819	2½ x 2½ FPT		1.53	1½	4.15	4⅛
20829	3 x 3 FPT		1.84	1⅜	4.82	4⅜
20839	4 x 4 FPT		2.09	2⅛	5.55	5⅞

Viega ProPress Adapter Zero Lead Bronze FTG x FPT – Model 2912.1ZL



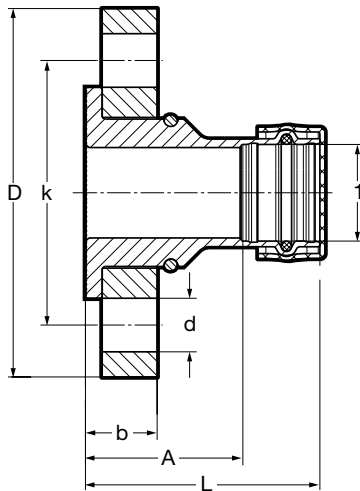
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79425	½ x ⅜ FPT		1.10	1⅛	1.54	1⅞
79430	½ x ½ FPT		1.22	1¼	1.75	1¾
79435	½ x ¾ FPT		1.30	1⅝	1.83	1⅜
79440	¾ x ½ FPT		1.26	1¼	1.79	1⅜
79445	¾ x ¾ FPT		1.28	1¼	1.83	1⅜
79455	1 x ½ FPT		1.35	1⅜	1.99	2
79450	1 x 1 FPT		1.33	1⅝	1.99	2
79460	1¼ x ½ FPT		1.65	1⅝	2.19	2⅜
79465	1¼ x 1¼ FPT		1.50	1½	2.19	2⅜
79470	1½ x 1½ FPT		1.88	1⅞	2.56	2⅞
79475	2 x 2 FPT		2.13	2⅞	2.95	2⅞

Viega PEX Press Adapter Zero Lead Bronze P x P – Model 2813PZL



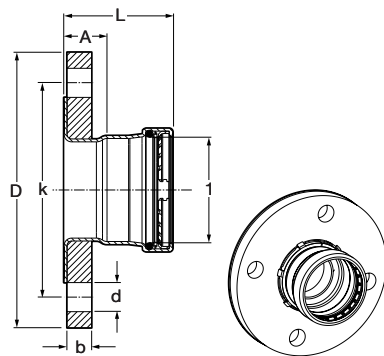
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
99620	½ x ½		0.29	⅝	1.61	1⅝
99626	½ x ¾		0.43	⅞	1.83	1⅜
99630	¾ x ½		0.23	¼	1.56	1⅞
99640	¾ x ¾		0.33	⅝	1.73	1¾
99645	1 x ¾		0.35	⅜	1.87	1⅞
99660	1 x 1		0.45	⅞	1.97	2
99665	1¼ x 1		0.49	½	2.26	2¼
99670	1¼ x 1¼		0.49	½	2.38	2⅜
66675	1½ x 1		0.59	⅞	2.36	2⅜
99680	1½ x 1½		0.59	⅞	2.87	2⅞
99685	2 x 1		0.73	¾	2.68	2⅞
99690	2 x 2		0.59	⅞	3.21	3⅞

Viega ProPress Adapter Flange Zero Lead Bronze P x Flange – Model 2959.5ZL



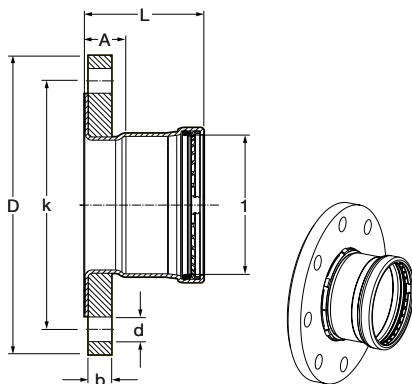
Part No.	Size (in)	A (in)		L (in)		b (in)		D (in)		k (in)		d (in)	
	1	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79680	1	1.85	1 ⁷ / ₈	2.76	2 ³ / ₄	0.84	1 ³ / ₁₆	4.33	4 ⁵ / ₁₆	3.11	3 ¹ / ₈	0.63	5 ⁵ / ₈
79685	1 ¹ / ₄	1.73	1 ³ / ₄	2.76	2 ³ / ₄	0.84	1 ³ / ₁₆	4.53	4 ¹ / ₂	3.50	3 ¹ / ₂	0.63	5 ⁵ / ₈
79690	1 ¹ / ₂	1.65	1 ⁵ / ₈	3.07	3 ¹ / ₁₆	0.84	1 ³ / ₁₆	4.92	4 ¹⁵ / ₁₆	3.86	3 ⁷ / ₈	0.63	5 ⁵ / ₈
79695	2	2.09	2 ¹ / ₁₆	3.66	3 ¹¹ / ₁₆	0.84	1 ³ / ₁₆	5.91	5 ¹⁵ / ₁₆	4.76	4 ³ / ₄	0.75	3 ³ / ₄

Viega ProPress Adapter Flange P x Flange – Model 0959.5XL



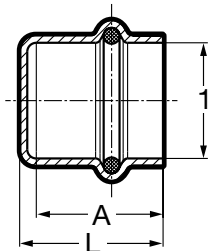
Part No.	Size (in)	A (in)		L (in)		b (in)		k (in)		D (in)		d (in)	
	1	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
20853	2 ¹ / ₂	1.09	1 ¹ / ₁₆	2.79	2 ¹³ / ₁₆	0.70	1 ¹ / ₁₆	5.51	5 ¹ / ₂	7.09	7 ¹ / ₁₆	0.75	3 ³ / ₄
20858	3	1.20	3 ¹ / ₁₆	3.17	3 ³ / ₁₆	0.79	1 ³ / ₁₆	5.98	6	7.48	7 ¹ / ₂	0.75	3 ³ / ₄

Viega ProPress Adapter Flange P x Flange – Model 0959.5XL



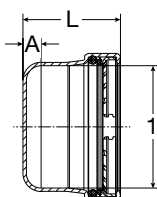
Part No.	Size (in)	A (in)		L (in)		b (in)		k (in)		D (in)		d (in)	
	1	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
20863	4	1.29	1 ⁵ / ₁₆	3.66	3 ¹¹ / ₁₆	0.86	7 ⁷ / ₈	7.52	7 ¹ / ₂	9.06	9 ¹ / ₁₆	0.75	3 ³ / ₄

Viega ProPress Cap Copper P – Model 2956



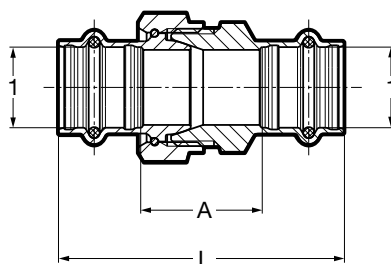
Part No.	Size (in)		A (in)		L (in)	
	1	Dec	Frac	Dec	Frac	
77712	1/2	0.79	13/16	0.92	15/16	
77717	3/4	0.94	15/16	1.07	1 1/16	
77722	1	0.99	1	1.11	1 1/8	
77727	1 1/4	1.20	1 3/16	1.32	1 5/16	
77732	1 1/2	1.49	1 1/2	1.62	1 5/8	
77737	2	1.69	1 11/16	1.81	1 13/16	

Viega ProPress Cap P – Model 0956XL



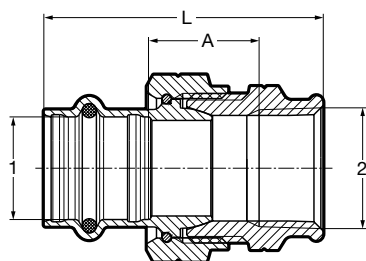
Part No.	Size (in)		A (in)		L (in)	
	1	Dec	Frac	Dec	Frac	
20833	2 1/2	0.39	3/8	2.11	2 1/8	
20843	3	0.39	3/8	2.36	2 3/8	
20848	4	0.39	3/8	2.76	2 3/4	

Viega ProPress Union Zero Lead Bronze P x P – Model 2960ZL



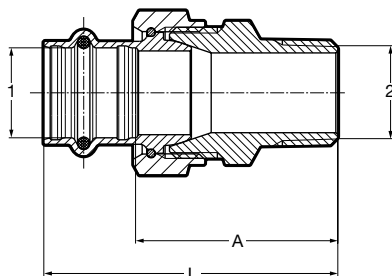
Part No.	Size (in)		A (in)		L (in)	
	1	Dec	Frac	Dec	Frac	
79125	1/2	1.19	1 3/16	2.84	2 13/16	
79130	3/4	1.34	1 5/16	3.15	3 1/8	
79135	1	1.83	1 13/16	3.65	3 5/8	
79140	1 1/4	1.64	1 5/8	3.69	3 11/16	
79145	1 1/2	2.13	2 1/8	4.96	4 15/16	
79150	2	2.07	2 1/16	5.22	5 1/4	

Viega ProPress Union Zero Lead Bronze P x FPT – Model 2962ZL



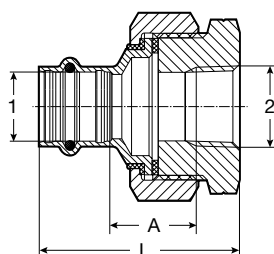
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79700	1/2 x 1/2 FPT		0.91	15/16	2.27	2 1/4
79705	3/4 x 3/4 FPT		0.96	15/16	2.42	2 7/16
79710	1 x 1 FPT		1.31	1 5/16	2.88	2 7/8
79715	1 1/4 x 1 1/4 FPT		1.27	1 1/4	2.97	3
79720	1 1/2 x 1 1/2 FPT		1.77	1 3/4	3.87	3 7/8
79725	2 x 2 FPT		1.65	1 5/8	3.92	3 15/16

Viega ProPress Union Zero Lead Bronze P x MPT – Model 2965ZL



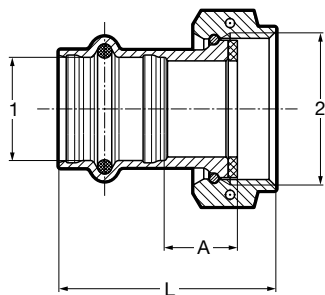
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79730	½ x ½ MPT		1.86	1⅞	2.69	2⅞
79735	¾ x ¾ MPT		2.00	2	2.90	2⅞
79740	1 x 1 MPT		2.54	2⅞	3.45	3⅞
79745	1¼ x 1¼ MPT		2.49	2½	3.52	3½
79750	1½ x 1½ MPT		3.05	3⅞	4.47	4½
79755	2 x 2 MPT		2.99	3	4.57	4⅞

Viega ProPress Dielectric Union Zero Lead Bronze P x FPT – Model 2967ZL



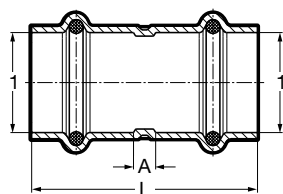
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79155	½ x ½ FPT		0.88	⅞	2.24	1¼
79160	¾ x ¾ FPT		1.11	1⅞	2.57	2⅞
79165	1 x 1 FPT		1.00	1	2.57	2⅞
79170	1¼ x 1¼ FPT		0.97	1	2.68	2⅞
79175	1½ x 1½ FPT		1.01	1	3.11	3⅞
79180	2 x 2 FPT		1.26	1¼	3.53	3½

Viega ProPress Tailpiece Zero Lead Bronze P x F BSP – Model 2957ZL



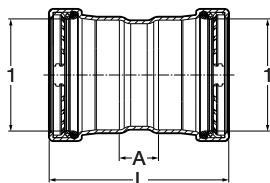
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79800	½ x 1 BSP		0.39	⅜	1.57	1⅞
79805	¾ x 1 BSP		0.63	⅝	1.87	1⅞
79810	1 x 1 BSP		0.91	1⅞	2.14	2⅞
79815	1 x 1¼ BSP		0.73	1⅞	2.04	2⅞

Viega ProPress Coupling with Stop Copper P x P – Model 2915



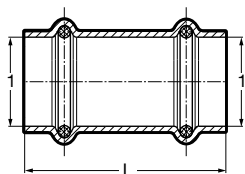
Part No.	Size (in)		A (in)		L (in)	
	1	1	Dec	Frac	Dec	Frac
78047	½ x ½		0.12	⅞	1.61	1⅞
78052	¾ x ¾		0.20	⅜	2.01	2
78057	1 x 1		0.16	⅜	1.97	2
78062	1¼ x 1¼		0.14	⅞	2.20	2⅞
78067	1½ x 1½		0.14	⅞	2.99	3
78072	2 x 2		0.14	⅞	3.31	2⅞

Viega ProPress Coupling with Stop P x P – Model 0915XL



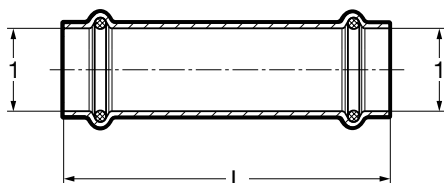
Part No.	Size (in)		A (in)		L (in)	
	1	1	Dec	Frac	Dec	Frac
20728	2½	2½	0.95	15/16	4.33	45/16
20733	3	3	0.98	1	4.92	415/16
20738	4	4	1.06	11/16	5.79	513/16

Viega ProPress Coupling No Stop Copper P x P – Model 2915.3



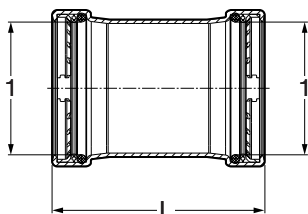
Part No.	Size (in)		L (in)	
	1	1	Dec	Frac
78172	½	½	1.61	15/8
78177	¾	¾	2.01	2
78182	1	1	1.97	2
78187	1¼	1¼	2.20	23/16
78192	1½	1½	2.99	3
78197	2	2	3.31	35/16

Viega ProPress Extended Coupling Copper P x P – Model 2915.5



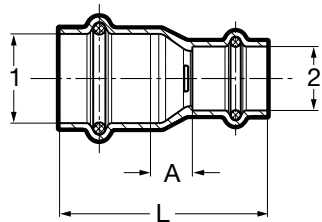
Part No.	Size (in)		L (in)	
	1	1	Dec	Frac
79005	½	½	2.99	3
79010	¾	¾	3.50	3½
79015	1	1	3.74	3¾
79020	1¼	1¼	4.13	41/8
79025	1½	1½	4.72	4¾
79030	2	2	5.31	55/16

Viega ProPress Coupling No Stop P x P – Model 0915.5XL



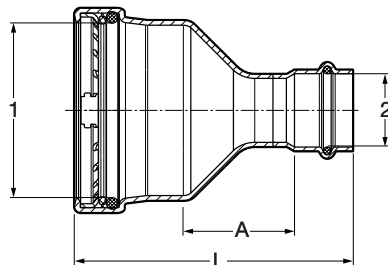
Part No.	Size (in)		L (in)	
	1	1	Dec	Frac
20743	2½	2½	4.33	45/16
20748	3	3	4.92	415/16
20753	4	4	5.79	513/16

Viega ProPress Reducer Copper P x P – Model 2915.2



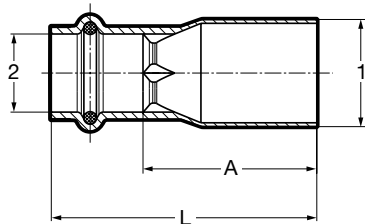
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
78147	¾	½	0.42	7/16	2.07	2 1/16
15603	1	½	0.71	1 1/16	2.36	2 3/8
78152	1	¾	0.48	½	2.29	2 5/16
15593	1 ¼	¾	0.70	1 1/16	2.64	2 5/8
78157	1 ¼	1	0.55	9/16	2.48	2 ½
18473	1 ½	¾	0.98	1	3.33	3 5/16
15588	1 ½	1	0.74	¾	3.07	3 1/16
78162	1 ½	1 ¼	0.50	½	2.96	2 15/16
18468	2	¾	1.54	1 9/16	4.02	4
15608	2	1	1.29	1 5/16	3.78	3 ¾
22328	2	1 ¼	0.81	1 3/16	3.43	3 7/16
78167	2	1 ½	0.74	¾	3.75	3 ¾

Viega ProPress Reducer P x P – Model 0915.2XL



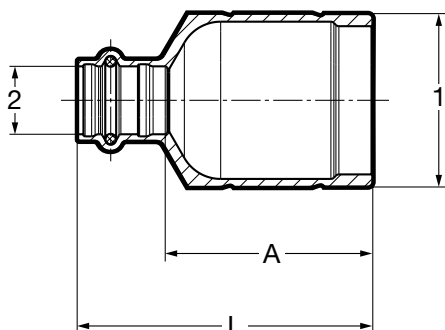
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
20685	2 ½	1	1.76	1 ¾	4.36	4 ¾
20690	2 ½	1 ¼	1.61	1 5/8	4.34	4 5/16
20695	2 ½	1 ½	1.52	1 ½	4.64	4 5/8
20700	2 ½	2	1.41	1 7/16	4.69	4 11/16
20705	3	1 ½	1.78	1 ¾	5.17	5 3/16
20710	3	2	1.53	1 ½	5.08	5 1/16
20715	3	2 ½	1.41	1 7/16	5.07	5 1/16
20720	4	2	2.06	2 1/16	6.00	6
20725	4	2 ½	1.93	1 15/16	5.99	6
20730	4	3	1.70	1 11/16	6.03	6 1/16

Viega ProPress Reducer Copper FTG x P – Model 2915.1



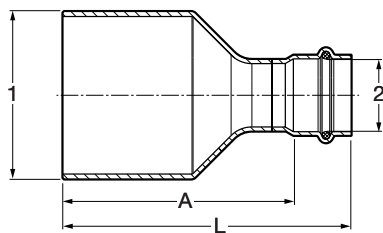
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
78077	¾	½	1.42	1 7/16	2.17	2 3/16
78082	1	½	1.69	1 11/16	2.44	2 7/16
78087	1	¾	1.42	1 7/16	2.32	2 5/16
22333	1 ¼	½	1.91	1 15/16	2.74	2 ¾
78092	1 ¼	¾	1.85	1 7/8	2.76	2 ¾
78097	1 ¼	1	1.57	1 9/16	2.48	2 ½
14543	1 ½	¾	2.56	2 9/16	3.46	3 7/16
78102	1 ½	1	2.28	2 ¼	3.19	3 3/16
78107	1 ½	1 ¼	2.04	2 1/16	3.07	3 1/16
78112	2	1	3.03	3 1/16	3.94	3 15/16
78117	2	1 ¼	2.79	2 13/16	3.82	3 13/16
78122	2	1 ½	2.63	2 5/8	4.06	4 1/16

Viega ProPress Reducer Zero Lead Bronze FTG x P – Model 2915.1ZL



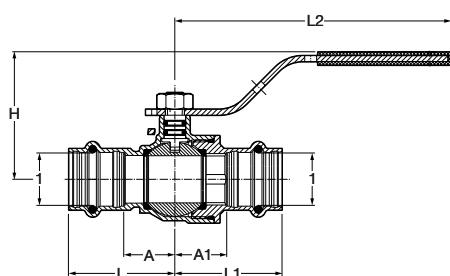
Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
79850	1½	½	1.95	1 ¹⁵ / ₁₆	2.78	2¾
79855	2	½	2.38	2 ³ / ₈	3.21	3 ³ / ₁₆
79860	2	¾	2.42	2 ⁷ / ₁₆	3.33	3 ⁵ / ₁₆

Viega ProPress Reducer FTG x P – Model 0915.1XL

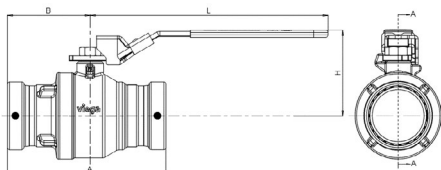


Part No.	Size (in)		A (in)		L (in)	
	1	2	Dec	Frac	Dec	Frac
20814	2½	1	3.61	3 ⁵ / ₈	4.52	4½
20815	2½	1¼	3.47	3½	4.51	4½
20813	2½	1½	3.41	3 ⁷ / ₁₆	4.84	4 ¹³ / ₁₆
20758	2½	2	2.35	2 ³ / ₈	3.94	3 ¹⁵ / ₁₆
20817	3	1¼	3.96	3 ¹⁵ / ₁₆	5.00	5
20818	3	1½	3.91	3 ¹⁵ / ₁₆	5.34	5 ⁵ / ₁₆
20763	3	2	2.98	3	4.57	4 ⁹ / ₁₆
20768	3	2½	2.76	2¾	4.45	4 ⁷ / ₁₆
20773	4	2	4.58	4 ⁹ / ₁₆	6.17	6 ³ / ₁₆
20778	4	2½	4.45	4 ⁷ / ₁₆	6.15	6 ¹ / ₈
20783	4	3	4.17	4 ³ / ₁₆	6.14	6 ¹ / ₈

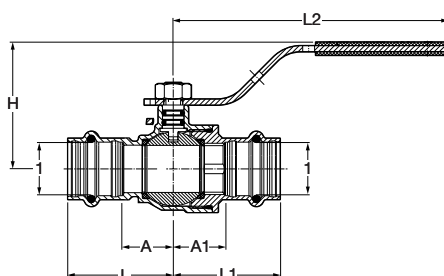
Viega ProPress Ball Valve Zero Lead Bronze P x P – Model 2971.1ZL



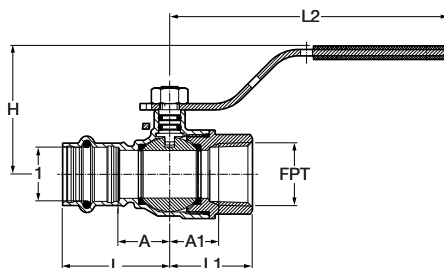
Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
	1	1	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79920	½	½	0.75	¾	0.75	¾	1.57	1 ⁹ / ₁₆	1.57	1 ⁹ / ₁₆	4.57	4 ⁹ / ₁₆	1.97	2
79925	¾	¾	0.85	7/8	0.87	7/8	1.75	1¾	1.77	1¾	4.57	4 ⁹ / ₁₆	2.09	2 ¹ / ₁₆
79930	1	1	1.02	1	1.06	1 ¹ / ₁₆	1.93	1 ¹⁵ / ₁₆	1.96	1 ¹⁵ / ₁₆	5.75	5¾	2.46	2 ⁷ / ₁₆
79935	1¼	1¼	1.14	1 ¹ / ₈	1.12	1 ¹ / ₈	2.17	2 ³ / ₁₆	2.15	2 ¹ / ₈	5.75	5¾	2.67	2 ¹¹ / ₁₆
79940	1½	1½	1.46	1 ⁷ / ₁₆	1.25	1¼	2.87	2 ⁷ / ₈	2.67	2 ¹¹ / ₁₆	6.12	6 ¹ / ₈	3.02	3
79950	2	2	1.73	1¾	1.47	1½	3.31	3 ⁵ / ₁₆	3.05	3 ¹ / ₁₆	6.12	6 ¹ / ₈	3.32	3 ⁵ / ₁₆

Viega ProPress Ball Valve Zero Lead Brass P x P – Model 2971.1XL


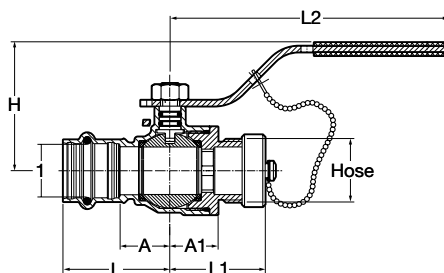
Part No.	Size (in)	A (in)		B (in)		H (in)		L (in)		Weight (lbs)
		Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	
78300	2½	7.47	7½	3.91	3 ¹⁵ / ₁₆	4.02	4	11.22	11¼	7.0
78305	3	8.15	8⅞	4.17	4 ³ / ₁₆	4.37	4⅜	11.22	11¼	9.7
78310	4	9.72	9¾	4.99	5	5.12	5⅛	11.22	11¼	17.5

Viega ProPress Ball Valve Zero Lead Bronze P x P – Model 2971.3ZL


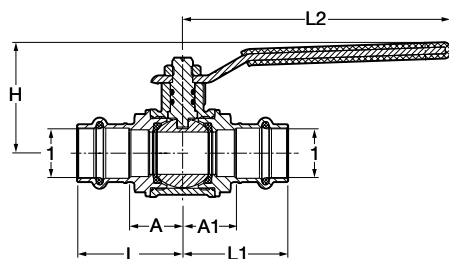
Part No.	Size (in)	A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
		1	1	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79923	½ x ½	0.75	¾	0.75	¾	1.57	1 ⁹ / ₁₆	1.57	1 ⁹ / ₁₆	4.57	4 ⁹ / ₁₆	1.97	2
79928	¾ x ¾	0.85	7/8	0.87	7/8	1.75	1¾	1.77	1¾	4.57	4 ⁹ / ₁₆	2.09	2 ¹ / ₁₆
79933	1 x 1	1.02	1	1.06	1 ¹ / ₁₆	1.93	1 ¹⁵ / ₁₆	1.96	1 ¹⁵ / ₁₆	5.75	5¾	2.46	2 ⁷ / ₁₆
79938	1¼ x 1¼	1.14	1⅛	1.12	1⅛	2.17	2 ³ / ₁₆	2.15	2⅛	5.75	5¾	2.67	2 ¹¹ / ₁₆
79943	1½ x 1½	1.46	1 ⁷ / ₁₆	1.25	1¼	2.87	2 ⁷ / ₈	2.67	2 ¹¹ / ₁₆	6.12	6⅛	3.02	3
79948	2 x 2	1.73	1¾	1.47	1½	3.31	3 ⁵ / ₁₆	3.05	3 ¹ / ₁₆	6.12	6⅛	3.32	3 ⁵ / ₁₆

Viega ProPress Ball Valve Zero Lead Bronze P x FPT – Model 2971.4ZL


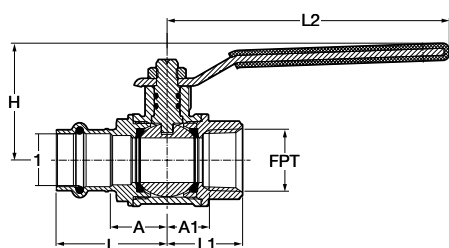
Part No.	Size (in)	A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
		1	FPT	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79970	½ x ½	0.73	¾	0.66	1 ¹ / ₁₆	1.57	1 ⁹ / ₁₆	1.20	1 ³ / ₁₆	4.57	4 ⁹ / ₁₆	1.97	2
79975	¾ x ¾	0.85	7/8	0.79	1 ³ / ₁₆	1.75	1¾	1.35	1 ³ / ₈	4.57	4 ⁹ / ₁₆	2.09	2 ¹ / ₁₆
79980	1 x 1	1.02	1	0.98	1	1.93	1 ¹⁵ / ₁₆	1.63	1 ⁵ / ₈	5.75	5¾	2.46	2 ⁷ / ₁₆

Viega ProPress Ball Valve Zero Lead Bronze P x Hose – Model 2971.6ZL


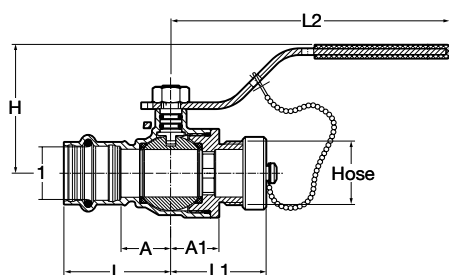
Part No.	Size (in)	A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
		1	Hose	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79875	½ x ¾ GH	0.75	¾	0.79	1 ³ / ₁₆	1.57	1 ⁹ / ₁₆	1.56	1 ⁹ / ₁₆	4.57	4 ⁹ / ₁₆	1.99	2
79876	¾ x ¾ GH	0.85	7/8	0.79	1 ³ / ₁₆	1.75	1¾	1.56	1 ⁹ / ₁₆	4.57	4 ⁹ / ₁₆	2.10	2⅞

Viega ProPress Ball Valve Bronze/Brass P x P – Model 2973


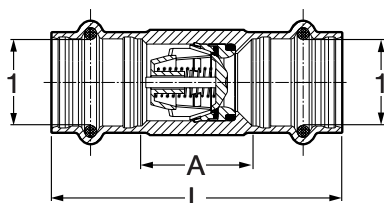
Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
	1	1	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
24000	1/2	x 1/2	0.83	13/16	0.83	13/16	1.58	19/16	1.58	19/16	3.94	315/16	1.69	111/16
24005	3/4	x 3/4	0.95	15/16	0.95	15/16	1.86	17/8	1.86	17/8	4.72	43/4	1.97	2
24010	1	x 1	1.18	13/16	1.18	13/16	2.09	21/16	2.09	21/16	4.72	43/4	2.13	21/8
24015	1 1/4	x 1 1/4	1.29	15/16	1.29	15/16	2.31	25/16	2.31	25/16	6.22	61/4	2.87	27/8
24020	1 1/2	x 1 1/2	1.39	13/8	1.39	13/8	2.81	113/16	2.81	213/16	6.22	61/4	3.11	31/8
24025	2	x 2	1.85	17/8	1.85	17/8	3.43	37/16	3.43	37/16	6.22	61/4	3.46	37/16

Viega ProPress Ball Valve Bronze/Brass P x FPT – Model 2973.1


Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
	1	FPT	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
24030	1/2	x 1/2	0.83	13/16	0.63	5/8	1.58	19/16	1.16	13/16	3.94	315/16	1.69	111/16
24035	3/4	x 3/4	0.95	15/16	0.70	11/16	1.86	17/8	1.26	11/4	4.72	43/4	1.97	2
24040	1	x 1	1.18	13/16	0.93	15/16	2.09	21/16	1.59	19/16	4.72	43/4	2.13	21/8

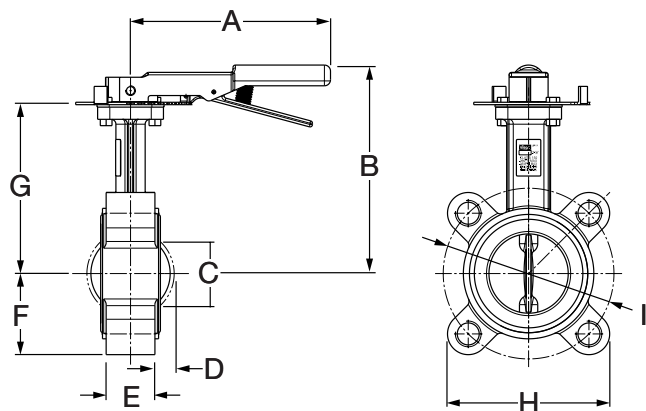
Viega ProPress Ball Valve Bronze/Brass P x Hose – Model 2973.3


Part No.	Size (in)		A (in)		A1 (in)		L (in)		L1 (in)		L2 (in)		H (in)	
	1	Hose	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
24090	1/2	x 3/4	0.83	13/16	0.85	7/8	1.58	19/16	1.30	15/16	3.89	37/8	1.67	111/16
24095	3/4	x 3/4	0.95	15/16	0.94	15/16	1.86	17/8	1.39	13/8	4.72	43/4	1.97	2

Viega ProPress Check Valve Zero Lead Bronze P x P – Model 2974ZL


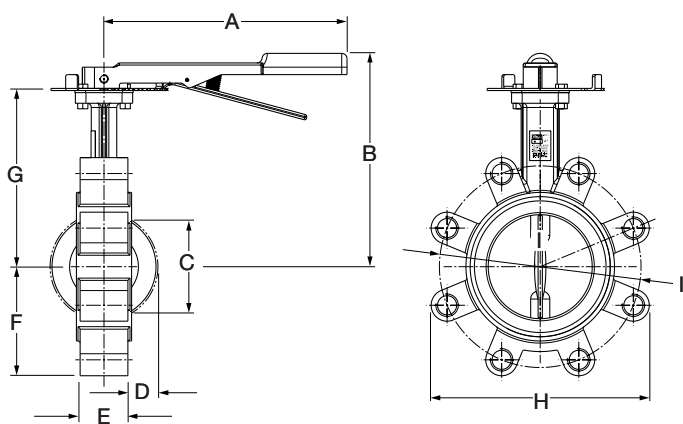
Part No.	Size (in)		A (in)		L (in)	
	1	1	Dec	Frac	Dec	Frac
79035	1/2	x 1/2	0.87	7/8	2.52	21/2
79040	3/4	x 3/4	1.14	11/8	2.95	215/16
79045	1	x 1	1.34	15/16	3.15	31/8
79050	1 1/4	x 1 1/4	1.69	111/16	3.74	33/4
79055	1 1/2	x 1 1/2	2.09	21/16	4.92	415/16
79060	2	x 2	2.56	29/16	5.71	511/16

Butterfly Valve – Model 2873.81



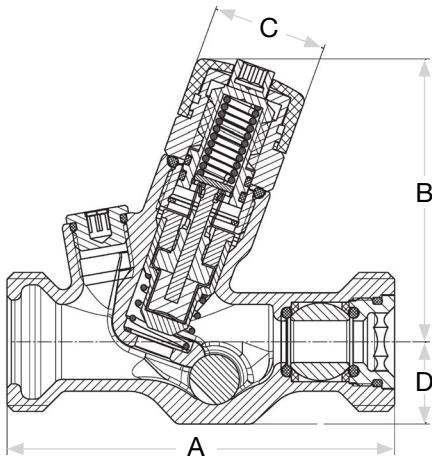
Part No.	Size (in)	A (in)		B (in)		C (in)		D (in)		E (in)		F (in)		G (in)		H (in)		I (in)	
		Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
22074	2½	6.50	6½	7.40	7¾	2.17	2¾	0.43	7/16	1.81	1⅓	2.64	2⅝	5.35	5¾	5.20	5¾	5.51	5½
22075	3	7.28	7¼	7.64	7¾	2.80	2⅓	0.67	11/16	1.81	1⅓	2.82	2⅓	5.59	5⅞	7.01	7	5.98	6

Butterfly Valve – Model 2873.81



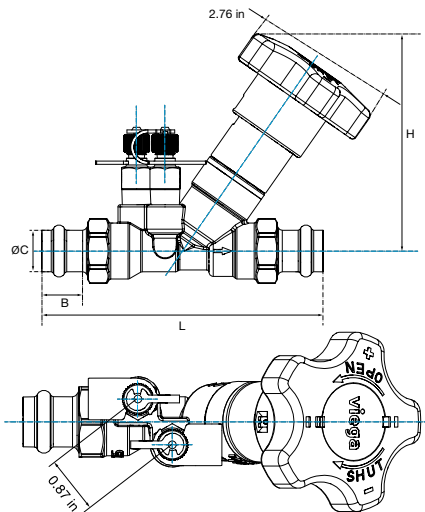
Part No.	Size (in)	A (in)		B (in)		C (in)		D (in)		E (in)		F (in)		G (in)		H (in)		I (in)	
		Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
22076	4	9.06	9⅛	8.47	8½	3.54	3⅞	0.91	15/16	2.05	2⅛	3.62	3⅝	6.42	6⅞	8.27	8¼	7.48	7½

Viega ProPress Automatic Recirculation Regulating Valve Zero Lead – Model 2981.3ZL



Part No.	Size (in)	A (in)		B (in)		C (in)		D (in)	
		Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
79901	1	3.66	3 ¹¹ / ₁₆	3.43	3 ⁷ / ₁₆	1.09	1 ¹ / ₁₆	0.79	13 ¹ / ₁₆

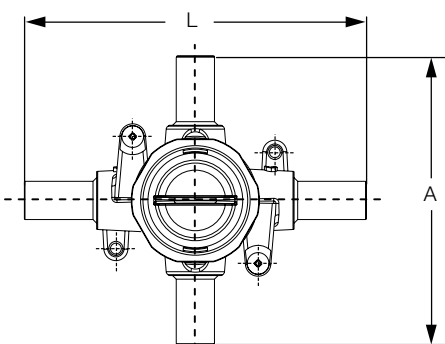
Viega ProPress Manual Balancing Valve – Model 2980ZL



Part No.	Size (in)	ØP ¹ (in)	H (in)		L (in)		B (in)		Weight (lbs)	Flow Range (GPM)
			Dec	Frac	Dec	Frac	Dec	Frac		
82100	U-½	0.627-0.631	4.06	4 ¹ / ₁₆	5.16	5 ³ / ₁₆	0.83	13 ¹ / ₁₆	1.23/1.16	0.27-0.71
82105	L-½	0.627-0.631	4.06	4 ¹ / ₁₆	5.16	5 ³ / ₁₆	0.83	13 ¹ / ₁₆	1.23/1.16	0.49-1.17
82110	½	0.627-0.631	4.06	4 ¹ / ₁₆	5.16	5 ³ / ₁₆	0.83	13 ¹ / ₁₆	1.23/1.16	0.98-2.35
82115	¾	0.877-0.881	4.06	4 ¹ / ₁₆	5.85	5 ⁷ / ₈	0.91	15 ¹ / ₁₆	1.43/1.34	2.19-5.15
82120	1	1.128-1.131	4.06	4 ¹ / ₁₆	6.18	6 ³ / ₁₆	0.91	15 ¹ / ₁₆	1.73/1.55	4.09-9.56
82125	1¼	1.378-1.381	4.85	4 ⁷ / ₈	6.99	7	1.02	1	2.78/2.53	8.56-19.81
82130	1½	1.628-1.632	4.94	4 ¹⁵ / ₁₆	7.92	7 ¹⁵ / ₁₆	1.42	1 ⁷ / ₁₆	3.50/3.16	12.84-29.80
82135	2	2.128-2.132	5.34	5 ⁵ / ₁₆	6.14	6 ¹ / ₈	1.58	1 ⁹ / ₁₆	4.80/4.46	24.09-55.63

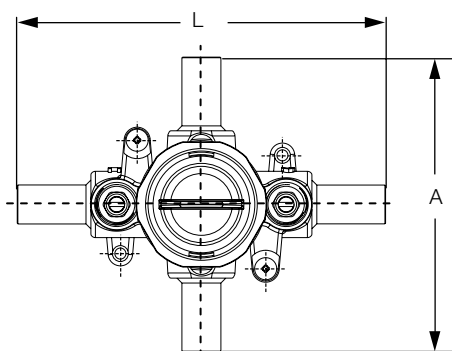
¹ Tolerance field

Shower Valve – Model 2842.5



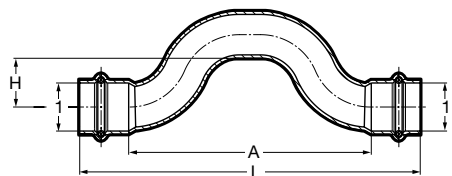
Part No.	Stub Out (in)	A (in)		L (in)	
		Dec	Frac	Dec	Frac
93516	½	4.75	4 ³ / ₄	5.63	5 ⁵ / ₈

Shower Valve – Model 2842.6



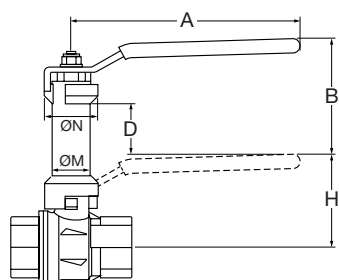
Part No.	Stub Out (in)	A (in)		L (in)	
		Dec	Frac	Dec	Frac
93517	1/2	4.75	4 3/4	5.88	5 7/8

Viega ProPress Cross-Over Copper P x P – Model 2928



Part No.	Size (in)		A (in)		L (in)		H (in)	
	1	1	Dec	Frac	Dec	Frac	Dec	Frac
77742	1/2	x 1/2	3.62	3 5/8	5.12	5 1/8	0.77	3/4
77747	3/4	x 3/4	4.49	4 1/2	6.30	6 5/16	0.90	7/8

Viega ProPress Stem Extension Brass – Model 2973.96*



Part No.	Valve Size (in)	ØM (in)	ØN (in)	A (in)		H (in)		B (in)		D (in)	
				Dec	Frac	Dec	Frac	Dec	Frac	Dec	Frac
23449	1/2	0.67	0.98	3.94	3 15/16	1.69	1 11/16	2.22	2 1/4	1.04	1 1/16
23451	3/4	0.79	1.10	4.72	4 3/4	1.97	2	2.46	2 7/16	1.08	1 1/16
23451	1	0.79	1.10	4.72	4 3/4	2.13	2 1/8	2.46	2 7/16	1.08	1 1/16
23453	1 1/4	1.02	1.42	6.22	6 1/4	2.87	2 7/8	2.66	2 11/16	0.81	13/16
23453	1 1/2	1.02	1.42	6.22	6 1/4	3.11	3 1/8	2.66	2 11/16	0.81	13/16
23453	2	1.02	1.42	6.22	6 1/4	3.46	3 7/16	2.66	2 11/16	0.81	13/16

*For use with Models 2973, 2973.1, and 2973.3 Valves

5 Limited Warranty – Viega Metal Systems

Subject to the conditions and limitations in this Limited Warranty (“Warranty”), Viega LLC (“Viega”) warrants to end users, installers, and distributors in the United States and Canada that the following products (“Viega Products”) will be free of failure caused by a manufacturing defect from the date of installation for the time periods specified in the table included in this Warranty.

This Warranty will be valid only in the event the following conditions have been met: The Viega Products have been properly installed (1) under normal conditions of use; (2) under applications approved by Viega; (3) under Viega-specified system operating conditions; (4) using tools compatible with Viega systems; and (5) in alignment with Viega’s listings.

Further, you have a right to a remedy under this Warranty only if the Viega Product failure resulted from a manufacturing defect in the Viega Product and if the failure occurred during the applicable warranty period. You do not have a remedy under this Warranty if the failure was caused by (1) components other than those manufactured and/or sold by Viega; (2) failure to design, install, inspect, test, or maintain the Viega Product in accordance with Viega’s installation and product instructions in effect at the time of installation; (3) use of Viega Products under non-recommended system operating conditions (e.g., water pressures, temperatures, or other external chemical or physical conditions); (4) improper handling or protection of the Viega Product prior to, during, or after installation (e.g., inadequate freeze protection or exposure to environmental conditions not recommended for the application); or (5) acts of nature, including, without limitation, earthquakes, fire, or weather damage.

In the event of a failure of a Viega Product covered by this Warranty, it is the duty and responsibility of the end user to take appropriate measures to mitigate all potential damage, including making timely repairs to the system in which the Viega Product has been installed. The part or parts which you claim failed must be kept and returned to Viega for testing. Viega may be contacted at the phone number or mailing address below. All warranty claims must be made within 30 calendar days after the failure has (or

should reasonably have) been discovered. You should be prepared to ship, at your expense, the Viega Product which you claim failed due to a manufacturing defect, with documentation of the installation date and the amount spent on any repair or replacement if performed by you. Within a reasonable time after receiving the Viega Product, Viega will investigate the cause of the failure, which includes the right to inspect the Viega Product at a Viega location and reasonable access to the site of any alleged damage. Viega will notify you in writing of the results of its review.

In the event Viega determines that the failure was the result of a manufacturing defect in the Viega Product covered by this Warranty and all conditions of this Warranty have been met, your **SOLE AND EXCLUSIVE REMEDY** under this Warranty shall be the reimbursement for the reasonable costs of repair or replacement of the Viega Product itself. **VIEGA SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR OTHER SIMILAR DAMAGES (E.G., ECONOMIC LOSS, WATER OR PROPERTY DAMAGE, OR MOLD REMEDIATION) UNDER ANY LEGAL THEORY AND WHETHER ASSERTED BY DIRECT ACTION, FOR CONTRIBUTION, INDEMNITY, OR OTHERWISE.**

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR ANY STATUTE OF LIMITATIONS RELATING TO SUCH WARRANTIES. Viega will be responsible for remedies only if all conditions of this Warranty have been met. Other than this Warranty, Viega does not authorize any person, company, contractor, or distributor to create any additional warranty, obligation, or liability in connection with the Viega Product.

This Warranty gives you specific legal rights, and you also may have other rights which may vary from state to state. This Warranty shall be interpreted and applied under the law of the state in which the product is installed and is intended as a **COMMERCIAL WARRANTY**.

Continues on next page.

Warranty Period by Product and Application Type		
Viega Product Line	Residential and Commercial	Industrial ¹ and Marine ²
ProPress® copper fittings	50 years	2 years
ProPress 316 fittings and tubing	10 years	
MegaPress® fittings	15 years	
MegaPress FKM fittings		
MegaPress 304 FKM fittings		
MegaPress 316 fittings		
MegaPress 316 FKM fittings		
MegaPressG ³ fittings		
MegaPress CuNi fittings		
All valves	5 years	
¹ Industrial applications are defined as non-residential and non-commercial applications not normally accessible to the general public, including manufacturing, mining, process, or fabrication environments, or applications with components that have been cleaned for oxygen service.		
² Marine applications are defined as mobile structures used to navigate water or stationary structures in water.		
³ MegaPressG products covered by this Warranty must be installed by a licensed contractor in compliance with applicable building, permit, and inspection codes. See product instructions for additional information.		