

## Submittal Package

# Viega SeaPress® Fittings



Project \_\_\_\_\_ Date \_\_\_\_\_

Engineer \_\_\_\_\_ Contractor \_\_\_\_\_

Submitted by \_\_\_\_\_

Approved by \_\_\_\_\_ Date \_\_\_\_\_ Approved by \_\_\_\_\_ Date \_\_\_\_\_

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This document is subject to updates. For the most current Viega technical literature please visit [www.viega.us](http://www.viega.us).



Viega products must be installed by trained installers. SeaPress credential training is provided at no cost by Viega and is recommended every two years. Please contact Viega to arrange credential training onsite or at our training facility. **Installation by non-professionals may void Viega LLC's warranty.**

# 1 System Data Sheet

## SeaPress Fittings



Viega SeaPress is a corrosion-resistant, 90/10 copper-nickel fitting, built especially for harsh environments. Viega's cold press technology makes brazing and welding a thing of the past, and there's no fire watch needed.

Connections can be completed under the most difficult of conditions. Repairs and modifications can also be carried out while under way at sea.

Our products are the result of decades of experience in manufacturing press fittings. The Viega SeaPress fitting system is offered in configurations that allow for the installation of the vast majority of copper-nickel piping applications in the shipbuilding market.

The Viega SeaPress fitting system requires no threading or welding and poses no fire hazard, which is particularly important in restoration or retrofit work. The press fittings are installed with a battery-powered or corded pressing tool.

The advantages of installing Viega SeaPress fitting system include:

- For metric sizes
- 90/10 copper-nickel
- Prevents biofouling
- Reduces topside weight
- U.S. and European marine approvals
- Easily adapts to metric and standard systems
- Installation savings of up to 70%
- Extensive range of fittings, flanges and adapter

### Components

- Alloy: 90/10 copper-nickel C70600
- EPDM sealing element
- 420 stainless steel bite ring for 76.1mm to 108mm fittings
- PBT separator ring for 76.1mm to 108mm fittings

### Operating Parameters

- Operating pressure: 232 psi M.A.W.P.
- Test pressure: 600 psi
- Operating temperature: 14°F to 230°F (-10°C to 110°C)

*\*Refer to your applicable type approval for exact parameters.*

### Listing and Certifications

- ABS American Bureau of Shipping
- LR Lloyd's Register
- GL Germanischer Lloyd
- BV Bureau Veritas
- DNV Det Norske Veritas
- NK Nippon Kaiji Kyokai
- RINA Registro Italiano Navale

For use in Class III pipe components for transporting sea water and other media in accordance with section 4.6.2, Table 9 and 10 of the ABS Steel Vessel Rules for compression couplings. The fittings are an approved fire-resistant type.

### Compliant With

- ISO 19921, 19922 Fire Resistance Test
- IACS P2.11.5
- ISO 9001 Quality Management System Certification

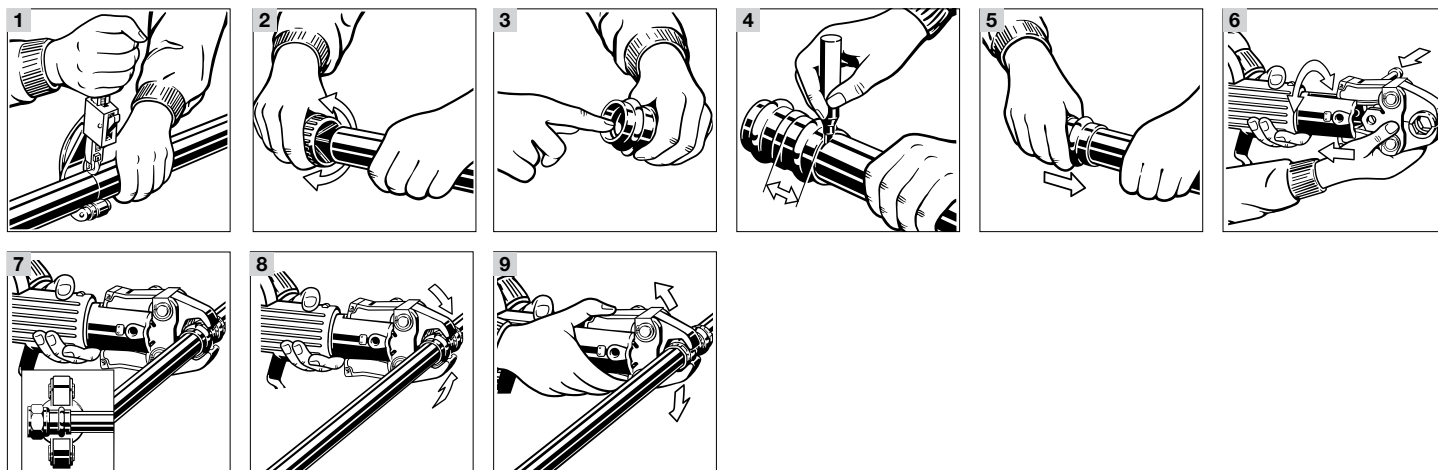
### Shipbuilding Rules

SeaPress system conforms to the following:

- International Association of Classification Societies
  - Requirements concerning pipes and pressure vessels
- United States Coast Guard
- ABS Steel Vessel Rules

## 2 Product Instructions

### SeaPress 15mm to 54mm Fittings



#### **DANGER!**

**Read and understand all instructions for installing Viega SeaPress fittings.**

Failure to follow all instructions may result in extensive property damage, serious injury or death.

- 1** Cut the tube square using a displacement-type cutter or fine toothed saw.  
**Note:** Cut tubing a minimum of four inches away from the contact area of the vise to prevent possible damage to the tubing in the press area.
- 2** Deburr inside and outside of the tube to the proper insertion depths to prevent cutting sealing element.
- 3** Check the sealing element for correct fit. Do not use oils or lubricants. Use only Viega SeaPress shiny black EPDM or dull black FKM sealing elements.



For applications requiring Viega SeaPress with FKM sealing elements, remove the factory-installed EPDM sealing element and replace with FKM sealing element.

- 4** Mark the proper insertion depth as indicated by the Viega SeaPress 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.

**Viega SeaPress Insertion Depth Chart (mm)**

Tube Size	15	22	28	35	42	54
Insertion Depth	22	23	24	26	36	40



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

- 5** While turning slightly, slide press fitting onto tubing to the marked depth. End of tubing must contact stop. Once the assembly is completed, it is recommended that the depth marking still be visible.
- 6** Insert appropriate Viega Metric jaw into the press tool and push in, holding pin until it locks in place.

- 7** Open the jaw and place at right angle on the fitting. Visually check insertion depth using mark on tubing.



#### **Warning!**

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

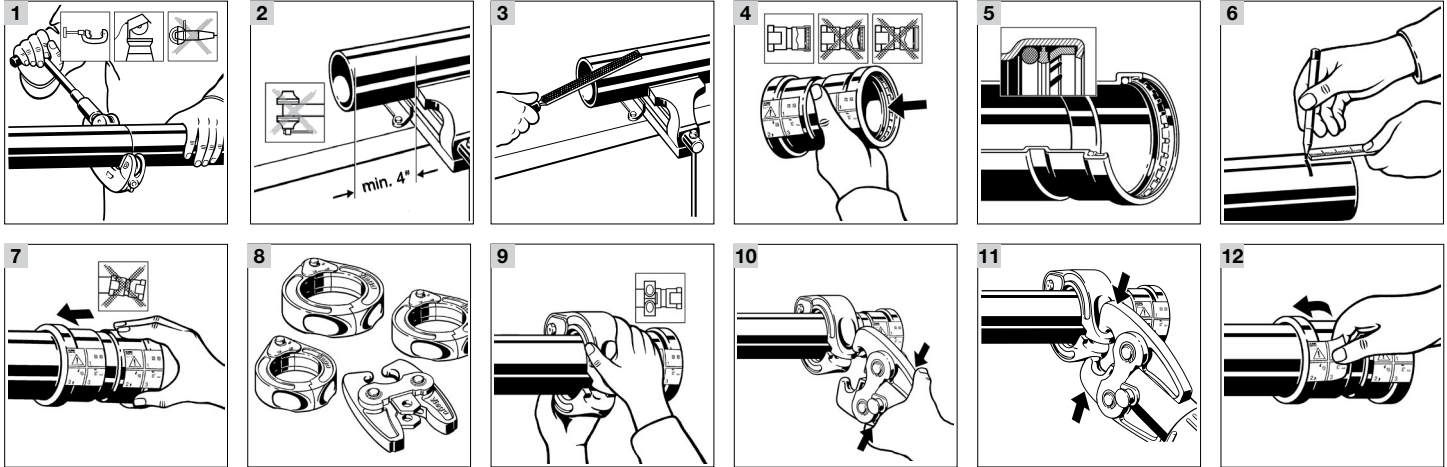
- 8** Hold trigger on press tool until jaws have fully engaged the fitting. Jaws will automatically release after a full press is made.
- 9** After pressing, open the jaw and remove the press tool.



When pressure testing a Viega Seapress fittings system, a step pressure test is recommended to check for unpressed fittings. This can be done by filling the system with air or water to 85 psi. After a successful step test the system can be brought up to 200 psi for Pressure test inspection per codes governing the installation.

# Product Instructions

## SeaPress 76.1mm to 108mm Fittings



### DANGER!

Read and understand all instructions for installing Viega SeaPress fittings.

Failure to follow all instructions may result in extensive property damage, serious injury or death.

### Viega SeaPress Insertion Depth Chart (mm)

Tube Size	76.1	88.9	108
Insertion Depth	50	50	60



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

- 1 Cut copper-nickel tubing at right angles using displacement-type cutter or fine-toothed steel saw.
- 2 Keep end of tubing a minimum of 4" away from the contact area of the vise to prevent possible damage to the tubing in the press area.
- 3 Remove burr from inside and outside of tubing to prevent cutting sealing element.
- 4 Check seal and grip ring for correct fit. Do not use oils or lubricants. Use only SeaPress Shiny Black EPDM sealing elements.
- 5 Illustration demonstrates proper fit of grip ring, separation ring and sealing element.
- 6 Mark proper insertion depth as indicated by the SeaPress 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.

- 7 While turning slightly, slide press fitting onto tubing to the marked depth. End of tubing must contact stop. Once the assembly is completed, it is recommended that the depth marking still be visible.
- 8 SeaPress 76.1mm to 108mm fitting connections must be performed with Metric XL press rings and a V2 or Z2 actuator. See RIDGID Operator's Manual for proper tool instructions.
- 9 Open the Metric XL press ring and place at right angles on the fitting. The ring must be engaged on the fitting bead. Check insertion depth.



### Warning!

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

- 10 With the V2 or Z2 actuator inserted into the tool, open the actuator as shown and connect the actuator to the ring.
- 11 Place the V2 or Z2 actuator onto the Metric XL press ring and start the pressing process. Hold the trigger until the actuator has engaged the Metric XL press ring. Keep extremities and foreign objects away from ring and actuator during pressing operation to prevent injury or incomplete press.
- 12 Once the press has completed, release the actuator from the Metric XL press ring and then remove the ring from the fitting. Remove the tag from fitting, indicating press has been performed.



When pressure testing a Viega Seapress fittings system, a step pressure test is recommended to check for unpressed fittings. This can be done by filling the system with air or water to 85 psi. After a successful step test the system can be brought up to 200 psi for Pressure test inspection per codes governing the installation.



# 3 Engineering Specifications

## SeaPress Seawater Piping System

### Part 1: General

#### 1.1 Product Definition

Viega SeaPress is a complete cold press mechanical joint piping system. The SeaPress system includes fittings from 15 mm to 108 mm made of non-corrosive copper nickel wrought alloy. For use in Class III pipe components for transporting sea water in cooling and fire main systems and also fuel applications in shipbuilding and offshore drilling platforms.

#### 1.2 Definitions

ASTM: American Society for Testing and Materials

CuNiFe: Copper Nickel Iron

EPDM: Ethylene Propylene Diene Monomer

FKM: Fluoroelastomer

HNBR: Hydrogenated Nitrile Butadiene Rubber

### Part 2: Products

#### 2.1 Manufacture

Viega LLC

585 Interlocken Blvd.

Broomfield CO, 80021

Telephone (316) 425-7400

Website: [www.viega.us](http://www.viega.us)

#### 2.2 Material

A. Viega SeaPress fittings are made of non corrosive copper nickel CuNiFe 90/10 wrought alloy according to international standards:

- ASTM-B-466 C70600
- MIL-T-16420K C70600
- BS 2871 CN 102
- EEMUA 144 UNS 7060x
- JIS H3300 C7060T
- DIN 17664 / 17671 2.0872
- DIN 86019 2.1972

B. The Viega SeaPress fittings include a factory installed high performance EPDM (Model-Nr. 2289) sealing element. For special application like Fuel/Lube/Hydraulic Oil Systems, a HNBR (Model-Nr. 2687) or FKM (Model-Nr. 2286) sealing element shall be used. Determination shall be based on the evaluation of the system operating parameters.

C. Refer to applicable marine approval for design, application, and system limitations.

D. Viega SeaPress fittings shall be connected with CuNiFe 90/10 pipe regarding the international standards.

E. Pipe wall thickness shall be:

OD in mm	Wall Thickness
15 mm	1.0 mm
22 mm	1.0 mm
28 mm	1.5 mm
35 mm	1.5 mm
45 mm	1.5 mm
54 mm	1.5 mm
76.1 mm	2.0 mm
88.9 mm	2.0 mm
108.0 mm	2.5 mm

### 2.3 Fitting Markings

Fittings shall be marked with manufacturers name “Viega,” name of the system “SeaPress”, size of the fitting, and a quality trace number.

### 2.4 Fitting Design

The Viega SeaPress fittings from 15 to 54 mm is a double press fitting. Pressed connection is pressed in front of, on top, and behind the seal making a gas-tight and water-tight seal. The Viega SeaPress fittings from 76.1 mm, 88.9 mm, and 108 mm have a sealing element plus an additional stainless steel grip ring. The stainless steel grip ring is pressed on top, forcing the grip ring teeth against the tube, making a high strength connection.

## Part 3: Execution

### 3.1 Installation

Fittings joints shall be made in accordance with the manufacturer’s installation instructions. The pipe shall be fully inserted into the fitting and the pipe marked at the shoulder of the fitting. Refer to product instructions for insertion depth and pipe deburring instructions. The fitting alignment shall be checked against the mark on the pipe to ensure the pipe is fully engaged (inserted) into the fitting.

The joints shall be pressed using a press tool recommended by Viega.

### 3.2 Standards

Viega SeaPress System conforms to the following:

- International Association of Classification Societies
  - Requirements concerning pipes and pressure vessels
- United Coast Guard, U.S. Department of Homeland Security
- The Federal Office of Defense Technology and Procurement (BWB) WTD 71, Germany

### 3.3 Shipbuilding Type Approvals

- ABS American Bureau of Shipping
- LR Lloyd’s Register
- BV Bureau Veritas
- DNV-GL Det Norske Veritag Germanischer Lloyd
- NK Nippon Kaiji Kyokai
- RINA Registro Italiano Navale
- RS Russen Maritime Register of Shipping

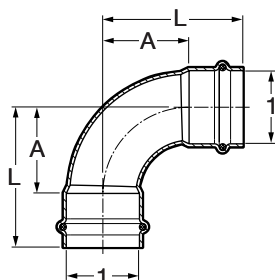
### 3.4 Oil and Gas Platform New Construction and Repair

Viega SeaPress is a 16 bar system regarding burst pressure for offshore drilling platforms where the piping systems are either empty or full of stagnate water like wet or dry firefighting systems. SeaPress is not applicable for 16 bar and 20 bar systems with constant seawater velocity.

## 4 Dimensional Documents

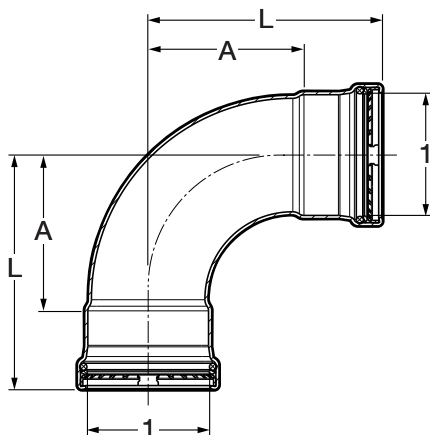
### SeaPress Metric Fitting System

#### Copper Nickel Elbow 90° P x P — Model 0316



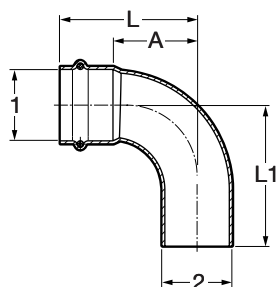
Part No.	Size (mm) 1	A (mm)	L (mm)
453169	15	18	40
453176	22	26	49
453183	28	34	58
453190	35	33	59
453206	42	50	86
453213	54	65	105

#### Copper Nickel XL-Elbow 90° P x P — Model 0316XL



Part No.	Size (mm) 1	A (mm)	L (mm)
556570	76.1	99	149
556563	88.9	114	164
556556	108	138	198

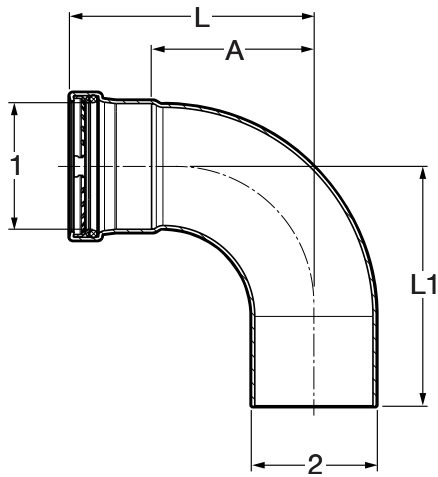
#### Copper Nickel Elbow 90° P x FTG — Model 0316.1



Part No.	Size (mm) 1 x 2	A (mm)	L (mm)	L1 (mm)
453220	15 x 15	18	40	42
453237	22 x 22	26	49	51
453244	28 x 28	34	58	60
453657	35 x 35	33	59	63
453664	42 x 42	50	86	90
453671	54 x 54	65	105	107

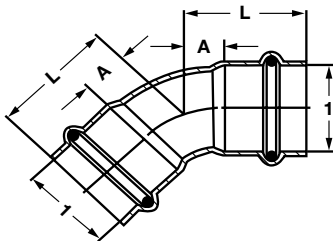


**Copper Nickel XL-Elbow 90° P x FTG — Model 0316.1XL**



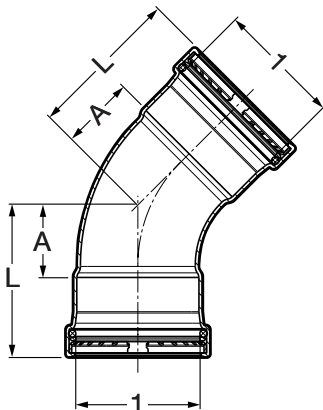
Part No.	Size (mm) 1 x 2	A (mm)	L (mm)	L1 (mm)
556525	76.1 x 76.1	99	149	147
556532	88.9 x 88.9	114	164	162
556549	108 x 108	138	198	195

**Copper Nickel Elbow 45° P x P — Model 0326**



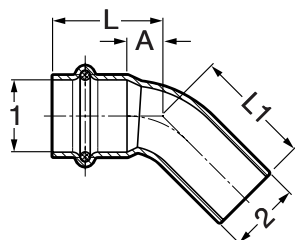
Part No.	Size (mm) 1	A (mm)	L (mm)
453886	15	8	30
453893	22	11	34
453909	28	14	38
453916	35	17	43
453923	42	21	55
453930	54	27	67

**Copper Nickel XL-Elbow 45° P x P — Model 0326XL**



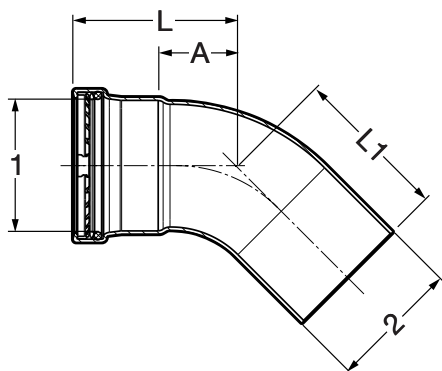
Part No.	Size (mm) 1	A (mm)	L (mm)
556617	76.1	46	96
556624	88.9	52	102
556631	108	61	121

### Copper Nickel Elbow 45° P x FTG — Model 0326.1



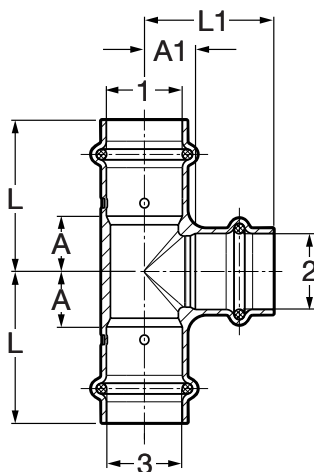
Part No.	Size (mm) 1 x 2	A (mm)	L (mm)	L1 (mm)
453947	15 x 15	8	30	32
453954	22 x 22	11	34	36
453961	28 x 28	14	38	40
453978	35 x 35	17	43	45
453985	42 x 42	21	57	63
453992	54 x 54	27	67	69

### Copper Nickel XL-Elbow 45° P x FTG — Model 0326.1XL

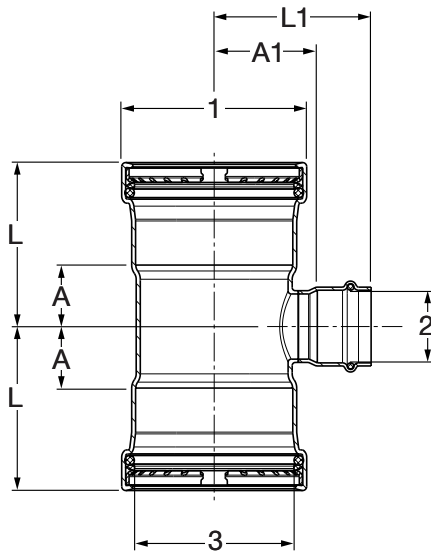


Part No.	Size (mm) 1 x 2	A (mm)	L (mm)	L1 (mm)
556587	76.1 x 76.1	46	96	93
556594	88.9 x 88.9	52	102	99
556600	108 x 108	61	121	119

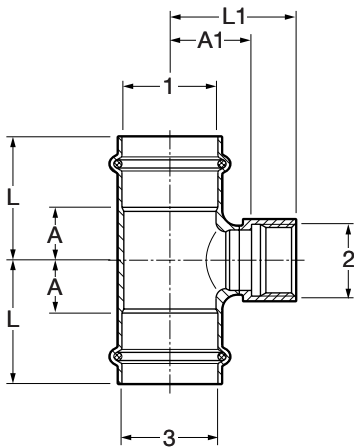
### Copper Nickel Tee P x P x P — Model 0318



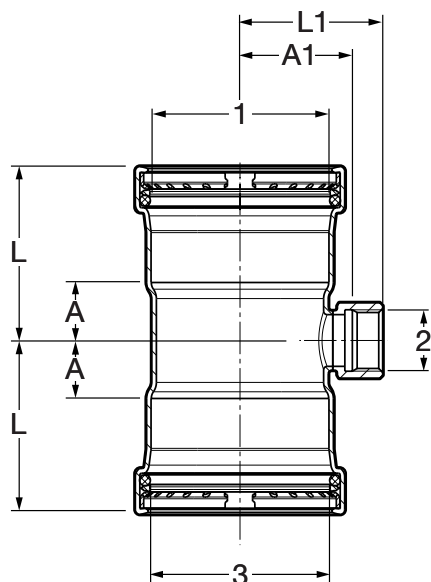
Part No.	Size (mm) 1 x 2 x 3	A (mm)	A1 (mm)	L (mm)	L1 (mm)
453473	15 x 15 x 15	18	11	40	33
453480	22 x 22 x 22	22	15	44	38
453497	28 x 28 x 28	24	19	48	43
453503	35 x 35 x 35	26	22	52	48
453534	42 x 35 x 42	22	29	58	55
453510	42 x 42 x 42	29	29	65	65
453541	54 x 35 x 54	27	35	68	61
453558	54 x 42 x 54	29	35	69	71
453527	54 x 54 x 54	35	35	75	75

**Copper Nickel XL-Tee P x P x P — Model 0318XL**


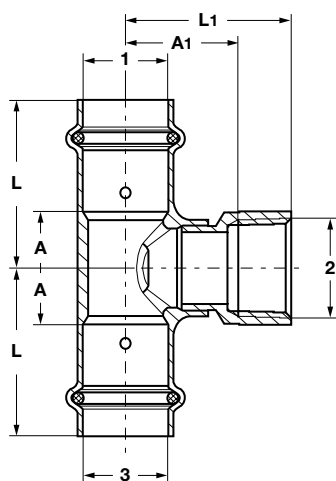
Part No.	Size (mm) 1 x 2 x 3	A (mm)	A1 (mm)	L (mm)	L1 (mm)
453794	76.1 x 35 x 76.1	30	50	80	77
453800	76.1 x 54 x 76.1	40	50	90	90
556228	76.1 x 76.1 x 76.1	51	52	100	102
453824	88.9 x 35 x 88.9	30	57	80	83
453831	88.9 x 54 x 88.9	40	57	90	98
453848	88.9 x 76.1 x 88.9	50	59	100	109
556235	88.9 x 88.9 x 88.9	57	59	107	109
453862	108 x 54 x 108	40	66	100	106
453879	108 x 76.1 x 108	52	68	112	118
556242	108 x 108 x 108	68	70	128	130

**Copper Nickel Tee P x Rp Thread x P — Model 0317.2**


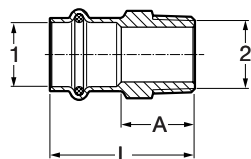
Part No.	Size (mm x in x mm) 1 x 2 x 3	A (mm)	A1 (mm)	L (mm)	L1 (mm)
453749	35 x 3/4" x 35	20	30	46	46
453756	42 x 3/4" x 42	17	36	53	52
453763	54 x 3/4" x 54	20	40	60	57

**Copper Nickel XL-Tee P x Rp Thread x P — Model 0317.2XL**


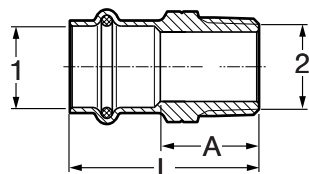
Part No.	Size (mm x in x mm)	A (mm)	A1 (mm)	L (mm)	L1 (mm)
<b>1 x 2 x 3</b>					
453770	76.1 x ¾" x 76.1	25	45	75	62

**Copper Nickel Tee P x FPT x P — Model 0317.5**


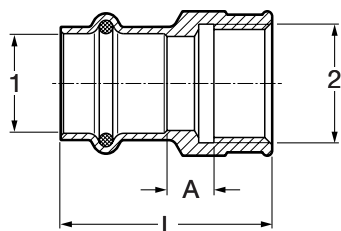
Part No.	Size (mm x in x mm)	A (mm)	A1 (mm)	L (mm)	L1 (mm)
<b>1 x 2 x 3</b>					
461072	35 x ¾" x 35	20	32	46	46
461089	42 x ¾" x 42	17	38	53	52
461096	54 x ¾" x 54	20	42	60	57

**Copper Nickel Male Adapter P x R-thread — Model 0311**


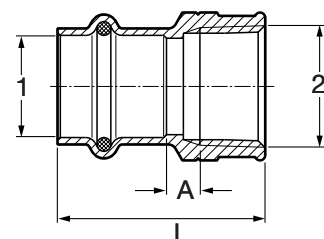
Part No.	Size (mm x in)	A (mm)	L (mm)
<b>1 x 2</b>			
452971	15 x ½"	22	44
452995	22 x ¾"	27	50
452988	28 x 1"	31	55
453008	35 x 1¼"	36	62
453015	42 x 1½"	36	72
453022	54 x 2"	40	80

**Copper Nickel Male Adapter P x MPT — Model 0311.5**


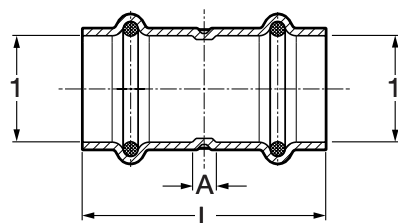
Part No.	Size (mm x in)	A (mm)	L (mm)
	<b>1 x 2</b>		
460792	15 x 1/2"	24	46
460815	22 x 3/4"	28	52
460822	28 x 1"	34	58
461157	35 x 1 1/4"	38	64
461164	42 x 1 1/2"	36	72
461171	54 x 2"	39	79

**Copper Nickel Female Adapter P x Rp-thread — Model 0312**


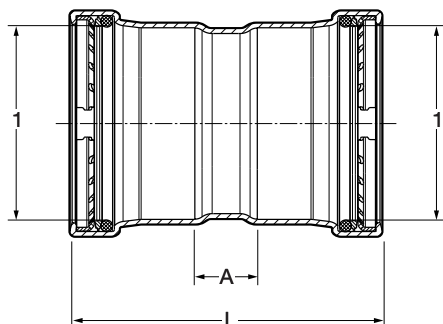
Part No.	Size (mm x in)	A (mm)	L (mm)
	<b>1 x 2</b>		
453039	15 x 1/2"	7	44
453046	22 x 3/4"	8	47
453053	28 x 1"	9	52
453060	35 x 1 1/4"	6	54
453084	42 x 1 1/2"	11	69
453091	54 x 2"	14	80

**Copper Nickel Female Adapter P x FPT — Model 0312.5**


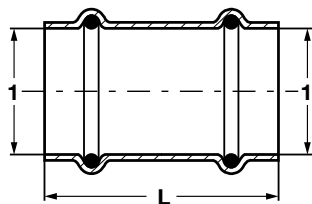
Part No.	Size (mm x in)	A (mm)	L (mm)
	<b>1 x 2</b>		
461188	15 x 1/2"	7	43
461195	22 x 3/4"	8	45
461201	28 x 1"	10	51
461218	35 x 1 1/4"	9	52
461225	42 x 1 1/2"	11	64
461249	54 x 2"	13	71

**Copper Nickel Coupling with stop P x P — Model 0315**


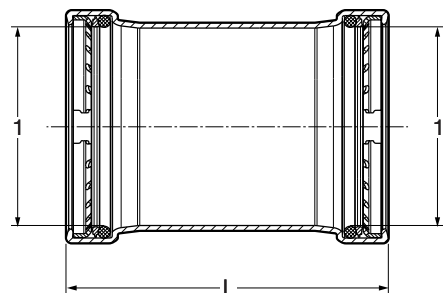
Part No.	Size (mm)	A (mm)	L (mm)
	<b>1</b>		
453107	15	5	50
453114	22	10	56
453121	28	10	58
453138	35	10	62
453145	42	12	84
453152	54	4	84

**Copper Nickel XL-Coupling with stop P x P — Model 0315XL**


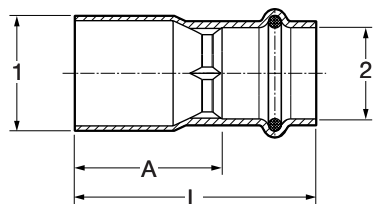
Part No.	Size (mm) 1	A (mm)	L (mm)
556495	76.1	25	125
556501	88.9	25	125
556518	108	27	147

**Copper Nickel Coupling no stop P x P — Model 0315.3**


Part No.	Size (mm) 1	L (mm)
453299	15	50
453305	22	56
453312	28	58
453329	35	62
453336	42	84
453343	54	92

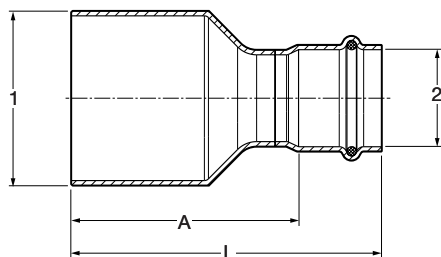
**Copper Nickel XL-Coupling no stop P x P — Model 0315.5XL**


Part No.	Size (mm) 1	L (mm)
453411	76.1	125
453428	88.9	125
453435	108	147

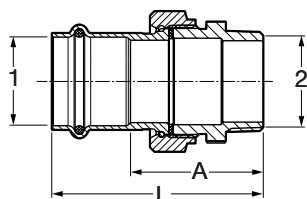
**Copper Nickel Reducer FTG x P — Model 0315.1**


Part No.	Size (mm) 1 x 2	A (mm)	L (mm)
452810	22 x 15	36	58
452827	28 x 22	36	59
452834	35 x 22	46	69
452841	35 x 28	39	63
453251	42 x 28	63	87
453268	42 x 35	56	82
453275	54 x 35	71	97
453282	54 x 42	65	101

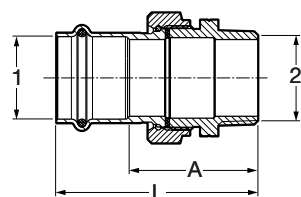


**Copper Nickel XL-Reducer FTG x P — Model 0315.1XL**


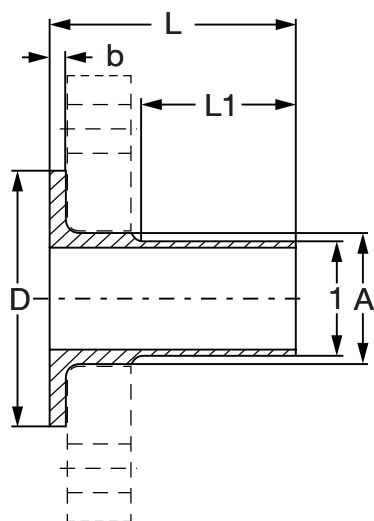
Part No.	Size (mm) 1 x 2	A (mm)	L (mm)
453350	76.1 x 42	99	136
556648	76.1 x 54	93	133
453374	88.9 x 54	99	140
556198	88.9 x 76.1	82	140
556204	108 x 76.1	111	161
556211	108 x 88.9	104	154

**Copper Nickel Union P x R-thread — Model 0365**


Part No.	Size (mm x in) 1 x 2	A (mm)	L (mm)
477172	15 x 1/2"	44	66
477189	22 x 1/2"	48	71
477196	22 x 3/4"	49	72
477202	28 x 1"	57	80
477219	35 x 1 1/4"	62	88
534684	42 x 1 1/2"	66	101

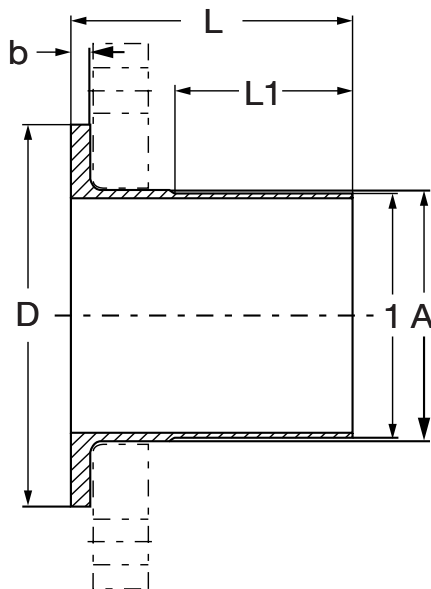
**Copper Nickel Union P x MPT — Model 0365.5**


Part No.	Size (mm x in) 1 x 2	A (mm)	L (mm)
477226	15 x 1/2"	44	66
477233	22 x 1/2"	48	72
477240	22 x 3/4"	50	73
477264	28 x 1"	58	81
477257	35 x 1 1/4"	61	86
534691	42 x 1 1/2"	68	104

**Copper Nickel Flange Adapter FTG — Model 0359.3**


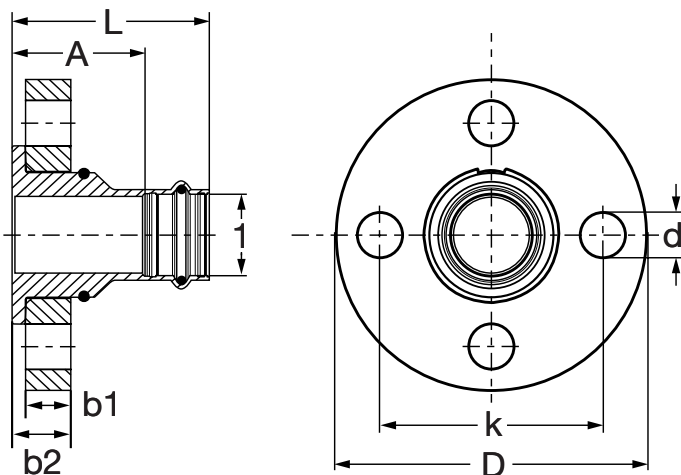
Part No.	Size (mm) 1	A (mm)	L (mm)	L1 (mm)	D (mm)	b (mm)
454067	22	27	66	38	58	5
454074	28	32	70	42	68	5
454081	35	40	75	47	78	5
454098	42	47	88	55	88	6
454104	54	59	91	58	102	6

### Copper Nickel XL-Flange Adapter FTG — Model 0359.3XL



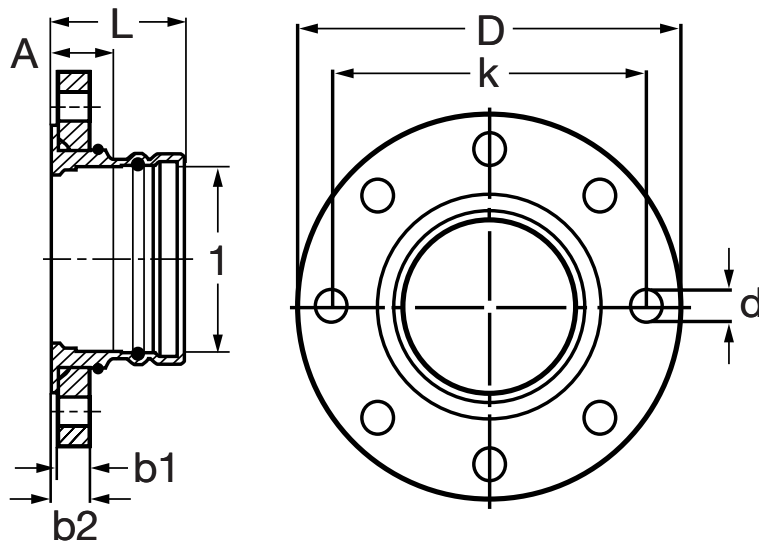
Part No.	Size (mm)	A (mm)	L (mm)	L1 (mm)	D (mm)	b (mm)
1						
454111	76.1	78	100	67	122	6
454128	88.9	91	100	62	138	7
454135	108	110	110	72	158	7

### SanPress Bronze Adapter Flange— Model 2259.5U



Part No.	Size (mm)	A (mm)	L (mm)	b1 (mm)	b2 (mm)	D (mm)	k (mm)	d (mm)	Number of Bolt Holes
1									
592011	28	41.5	65	16	21	110	79	16	4
592028	35	44.5	70	16	21	115	89	16	4
592035	42	47	83	16	21	125	98	16	4
592042	54	50	90	16	21	150	121	19	4

# SanPress Bronze Adapter Flange — Model 2259.5XU



Part No.	Size (mm)	A (mm)	L (mm)	b1 (mm)	b2 (mm)	D (mm)	k (mm)	d (mm)	Number of Bolt Holes
1									
592059	76.1	24.8	78	16	21	180	140	19	4
592066	88.9	26.8	80	18	23	190	152	19	4
592073	108	16.8	80	18	23	230	191	19	8

## 5 Warranty

### Marine Applications

**Marine applications are defined as mobile structures used to navigate water or stationary structures in water.**

Subject to the terms and conditions of this Limited Warranty, Viega LLC (Viega) warrants to end users, installers and distribution houses that its Viega metal press products (Viega product) when properly installed in approved marine applications and other products sold by Viega LLC when properly installed in marine applications in accordance with our listings shall be free from failure caused by manufacturing defects for a period of two (2) years from date of installation. This warranty applies only to approved applications. Installations that are not approved shall not be covered by this warranty and shall not be the responsibility of Viega LLC.

Under this Limited Warranty, you only have a right to a remedy if the failure or leak resulted from a manufacturing defect in the Viega product and the failure or leak occurs during the warranty period. You do not have a remedy under this warranty and the warranty remedy does not apply if the failure or any resulting damage is caused by (1) components other than those sold by Viega; (2) not designing, installing, inspecting, testing, or maintaining the Viega product in accordance with Viega's installation and product instructions in effect at the time of installation and other specifications and approvals applicable to the installation; (3) improper handling and protection of the Viega product prior to, during and after installation, inadequate freeze protection, or exposure to environmental or operating conditions not recommended for the application; or (4) acts of nature, such as, but not limited to earthquakes, fire, or weather damage. Final approval as to use compatibility to a specific process or fluid application is the responsibility of the engineer of record or responsible design/facilities personnel and this Limited Warranty only applies to manufacturing defects in the Viega Product.

In the event of a leak or other failure in the Viega product covered by this warranty, it is the responsibility of the end user to take appropriate measures to diminish any damage, to include making timely repairs. Only if the warranty applies will Viega be responsible for the remedy

under this warranty. The part or parts which you claim failed should be kept and Viega contacted by writing to the address below or telephoning 1-800-976-9819 within thirty (30) calendar days after the leak or other failure and identifying yourself as having a warranty claim. You should be prepared to ship, at your expense, the product which you claim failed due to a manufacturing defect, document the date of installation, and the amount of the repair or replacement if performed by you. Within a reasonable time after receiving the product, Viega will investigate the reasons for the failure, which includes the right to inspect the product at a Viega location and reasonable access to the site of damage. Viega will notify you in writing as to the results of its review.

In the event that Viega determines that the failure or leak was the result of a manufacturing defect in the Viega Product covered by this warranty and to which this warranty applies, the EXCLUSIVE AND ONLY REMEDY under this warranty shall be the reimbursement for reasonable charges for repair or replacement of the Viega Product itself. VIEGA SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR OTHER DAMAGE (FOR EXAMPLE, ECONOMIC LOSS, WATER OR PROPERTY OR MOLD REMEDIATION) UNDER ANY LEGAL THEORY AND WHETHER ASSERTED BY DIRECT ACTION, FOR CONTRIBUTION OR INDEMNITY OR OTHERWISE.

THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR ANY STATUTE OF LIMITATIONS RELATING TO SUCH WARRANTIES. Other than this Limited Warranty, Viega does not authorize any person or firm to create for it any other obligation or liability in connection with its products.

This Limited 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.

> **Viega LLC**  
585 Interlocken Blvd.  
Broomfield, CO 80021

Phone (800) 976-9819  
[www.viega.us](http://www.viega.us)

SM-SP 0522 SeaPress Fittings

