

AIRTITE PIPE

A Stainless Steel Piping System
from Compressed Air Systems



Compressed Air Systems

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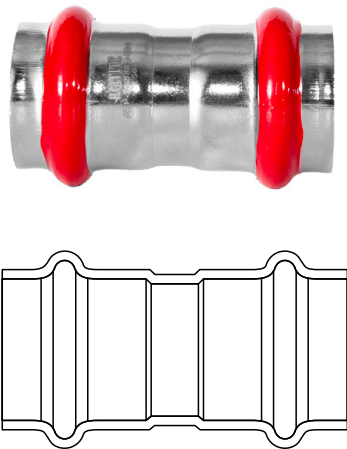
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Pipe 304 Stainless Steel



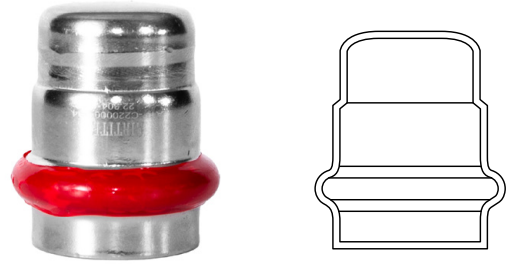
Part Number	OD Size (in.)	OD Size (mm)	Thickness (mm)
P150010-304	1/2	15	1.0
P220012-304	7/8	22	1.2
P280012-304	1 1/8	28	1.2
P350015-304	1 3/8	35	1.5
P420015-304	1 9/16	42	1.5
P540015-304	2 1/8	54	1.5

Connector



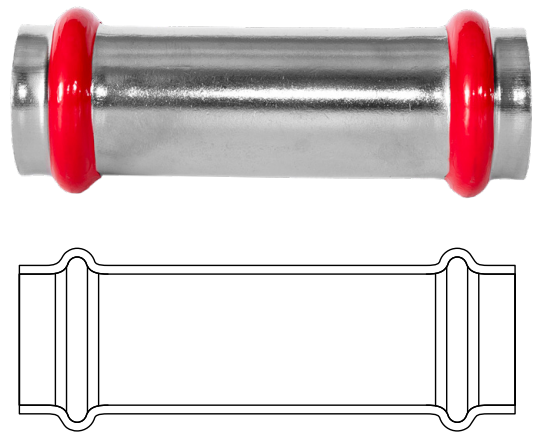
Part Number	OD Size (in.)	OD Size (mm)
S150000-304	1/2	15
S220000-304	7/8	22
S280000-304	1 1/8	28
S350000-304	1 3/8	35
S420000-304	1 9/16	42
S540000-304	2 1/8	54

End Cap



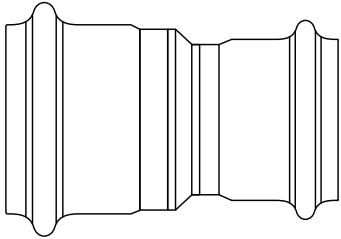
Part Number	OD Size (in.)	OD Size (mm)
C150000-304	1/2	15
C220000-304	7/8	22
C280000-304	1 1/8	28
C350000-304	1 3/8	35
C420000-304	1 9/16	42
C540000-304	2 1/8	54

Adjustable Connector



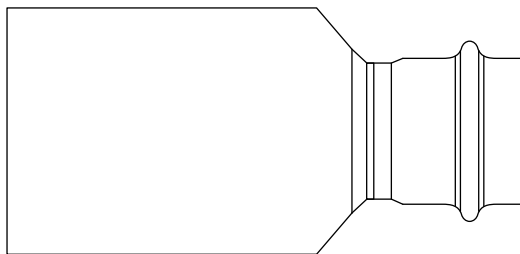
Part Number	OD Size (in.)	OD Size (mm)
S15000K-304	1/2	15
S22000K-304	7/8	22
S28000K-304	1 1/8	28
S35000K-304	1 3/8	35
S42000K-304	1 9/16	42
S54000K-304	2 1/8	54

Reducing Connector



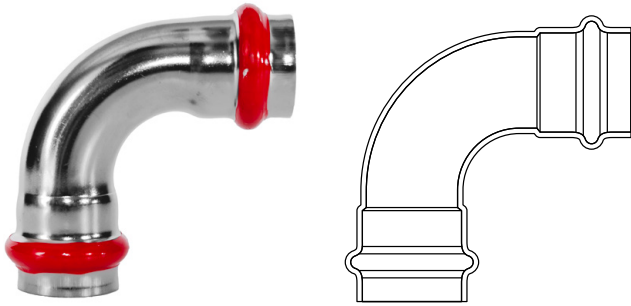
Part Number	OD Size (mm)	OD Size (in.)
R221500-304	22x15	7/8 x 1/2
R281500-304	28x15	1 1/8 x 1/2
R282200-304	28x22	1 1/8 x 7/8
R351500-304	35x15	1 3/8 x 1/2
R352200-304	35x22	1 3/8 x 7/8
R352800-304	35x28	1 3/8 x 1 1/8
R421500-304	42x15	1 9/16 x 1/2
R422200-304	42x22	1 9/16 x 7/8
R422800-304	42x28	1 9/16 x 1 1/8
R423500-304	42x35	1 9/16 x 1 3/8
R541500-304	54x15	2 1/8 x 1/2
R542200-304	54x22	2 1/8 x 7/8
R542800-304	54x28	2 1/8 x 1 1/8
R543500-304	54x35	2 1/8 x 1 3/8
R544200-304	54x42	2 1/8 x 1 9/16

B-Type Reducing Connector



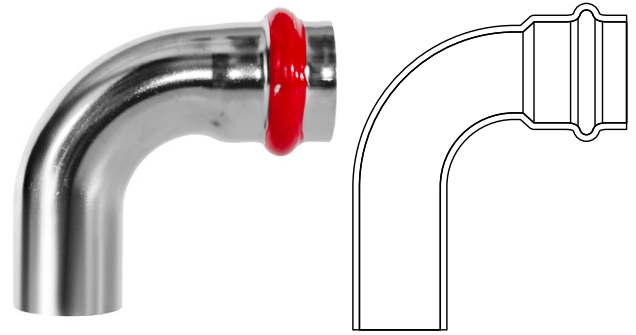
Part Number	OD Size (mm)	OD Size (in.)
R22150B-304	22x15	7/8 x 1/2
R28150B-304	28x15	1 1/8 x 1/2
R28220B-304	28x22	1 1/8 x 7/8
R35150B-304	35x15	1 3/8 x 1/2
R35220B-304	35x22	1 3/8 x 7/8
R35280B-304	35x28	1 3/8 x 1 1/8
R42150B-304	42x15	1 9/16 x 1/2
R42220B-304	42x22	1 9/16 x 7/8
R42280B-304	42x28	1 9/16 x 1 1/8
R42350B-304	42x35	1 9/16 x 1 3/8
R54150B-304	54x15	2 1/8 x 1/2
R54220B-304	54x22	2 1/8 x 7/8
R54280B-304	54x28	2 1/8 x 1 1/8
R54350B-304	54x35	2 1/8 x 1 3/8
R54420B-304	54x42	2 1/8 x 1 9/16

A-Type 90° Elbow



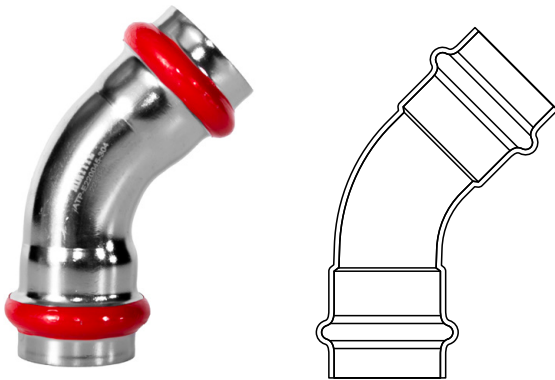
Part Number	OD Size (in.)	OD Size (mm)
E150000-304	1/2	15
E220000-304	7/8	22
E280000-304	1 1/8	28
E350000-304	1 3/8	35
E420000-304	1 9/16	42
E540000-304	2 1/8	54

B-Type 90° Elbow



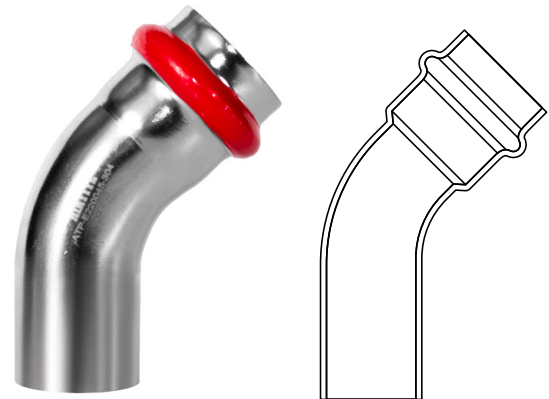
Part Number	OD Size (in.)	OD Size (mm)
E15000B-304	1/2	15
E22000B-304	7/8	22
E28000B-304	1 1/8	28
E35000B-304	1 3/8	35
E42000B-304	1 9/16	42
E54000B-304	2 1/8	54

A-Type 45° Elbow



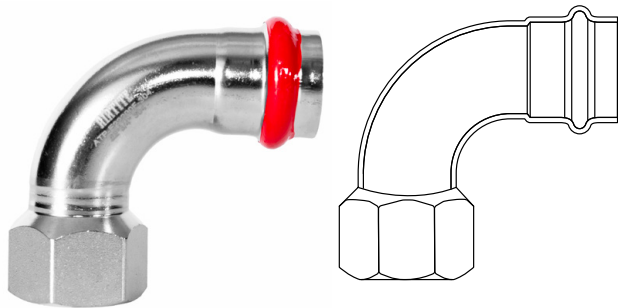
Part Number	OD Size (in.)	OD Size (mm)
E150045-304	1/2	15
E220045-304	7/8	22
E280045-304	1 1/8	28
E350045-304	1 3/8	35
E420045-304	1 9/16	42
E540045-304	2 1/8	54

B-Type 45° Elbow



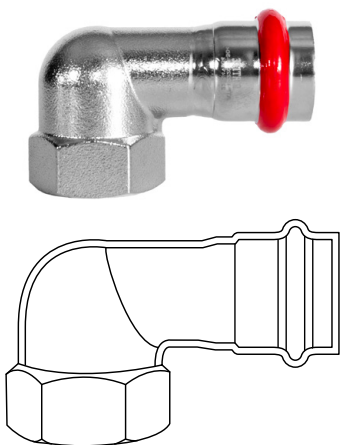
Part Number	OD Size (in.)	OD Size (mm)
E15004B-304	1/2	15
E22004B-304	7/8	22
E28004B-304	1 1/8	28
E35004B-304	1 3/8	35
E42004B-304	1 9/16	42
E54004B-304	2 1/8	54

Female 90° Elbow



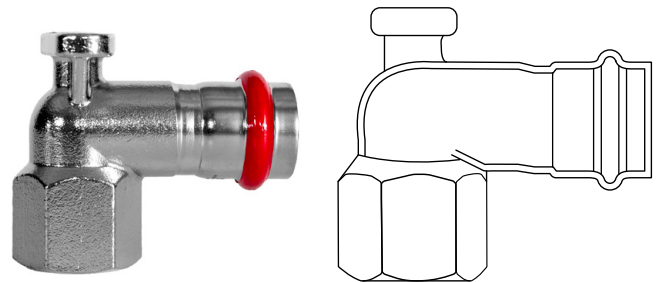
Part Number	Press Side Size (in.)	Press Side Size (mm)	RP Threaded Side Size (in.)
E15150F-304	1/2	15	1/2
E22150F-304	7/8	22	1/2
E22200F-304	7/8	22	3/4
E28250F-304	1 1/8	28	1
E35320F-304	1 3/8	35	1-1/4
E42400F-304	1 9/16	42	1-1/2
E54500F-304	2 1/8	54	2

Female Short 90° Elbow



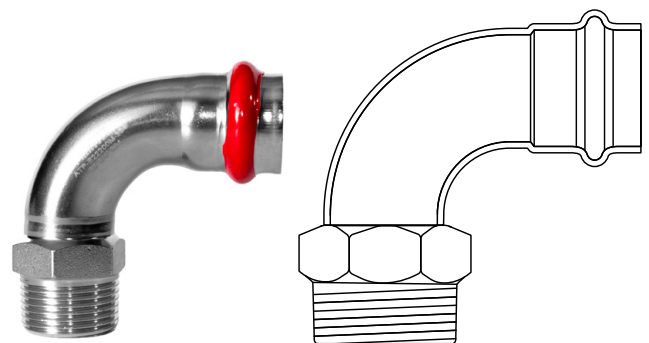
Part Number	Press Side Size (in.)	Press Side Size (mm)	RP Threaded Side Size (in.)
E15152F-304	1/2	15	1/2
E22152F-304	7/8	22	1/2
E22202F-304	7/8	22	3/4
E28252F-304	1 1/8	28	1
E35322F-304	1 3/8	35	1-1/4

Female 90° Elbow with Bracket



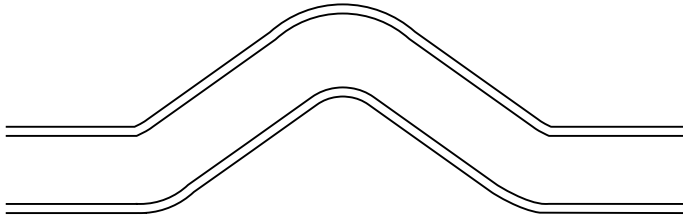
Part Number	Press Side Size (in.)	Press Side Size (mm)	RP Threaded Side Size (in.)
E1515BF-304	1/2	15	1/2
E2215BF-304	7/8	22	1/2
E2220BF-304	7/8	22	3/4
E2825BF-304	1 1/8	28	1

Male 90° Elbow



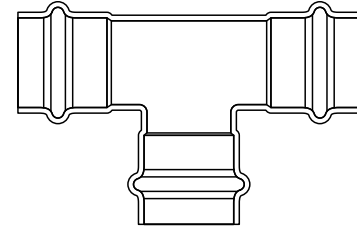
Part Number	Press Side Size (in.)	Press Side Size (mm)	R Threaded Side Size (in.)
E15150M-304	1/2	15	1/2
E22150M-304	7/8	22	1/2
E22200M-304	7/8	22	3/4
E28250M-304	1 1/8	28	1
E35320M-304	1 3/8	35	1-1/4
E42320M-304	1 9/16	42	1-1/2
E54320M-304	2 1/8	54	1-1/2
E54500M-304	2 1/8	54	2

Pipe Bridge



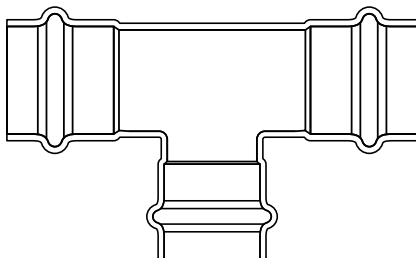
Part Number	OD Size (in.)	OD Size (mm)
Q150000-304	1/2	15
Q220000-304	7/8	22
Q280000-304	1 1/8	28

Equal Tee



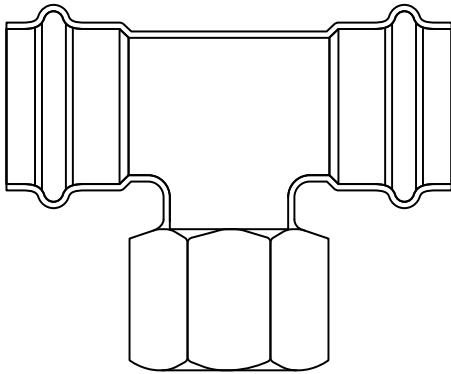
Part Number	OD Size (in.)	OD Size (mm)
T150000-304	1/2	15
T220000-304	7/8	22
T280000-304	1 1/8	28
T350000-304	1 3/8	35
T420000-304	1 9/16	42
T540000-304	2 1/8	54

Reducing Tee



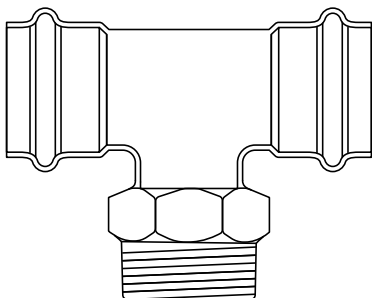
Part Number	OD Size (in.)	OD Size (mm)
T22150R-304	7/8 × 7/8 × 1/2	22×22×15
T28150R-304	1 1/8 × 1 1/8 × 1/2	28×28×15
T28220R-304	1 1/8 × 1 1/8 × 7/8	28×28×22
T35150R-304	1 3/8 × 1 3/8 × 1/2	35×35×15
T35220R-304	1 3/8 × 1 3/8 × 7/8	35×35×22
T35280R-304	1 3/8 × 1 3/8 × 1 1/8	35×35×28
T42150R-304	1 9/16 × 1 9/16 × 1/2	42×42×15
T42220R-304	1 9/16 × 1 9/16 × 7/8	42×42×22
T42280R-304	1 9/16 × 1 9/16 × 1 1/8	42×42×28
T42350R-304	1 9/16 × 1 9/16 × 1 3/8	42×42×35
T54150R-304	2 1/8 × 2 1/8 × 1/2	54×54×15
T54220R-304	2 1/8 × 2 1/8 × 7/8	54×54×22
T54280R-304	2 1/8 × 2 1/8 × 1 1/8	54×54×28
T54350R-304	2 1/8 × 2 1/8 × 1 3/8	54×54×35
T54420R-304	2 1/8 × 2 1/8 × 1 9/16	54×54×42

Female Tee



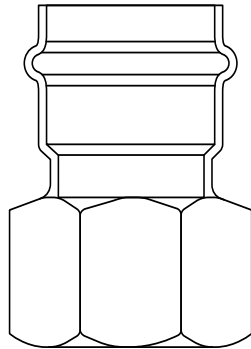
Part Number	Press Side Size (in.)	Press Side Size (mm)	RP Threaded Side Size (in.)
T15150F-304	1/2	15	1/2
T22150F-304	7/8	22	1/2
T22200F-304	7/8	22	3/4
T28150F-304	1 1/8	28	1/2
T28200F-304	1 1/8	28	3/4
T28250F-304	1 1/8	28	1
T35150F-304	1 3/8	35	1/2
T35200F-304	1 3/8	35	3/4
T35250F-304	1 3/8	35	1
T35320F-304	1 3/8	35	1-1/4
T42150F-304	1 9/16	42	1/2
T42200F-304	1 9/16	42	3/4
T42400F-304	1 9/16	42	1-1/2
T54150F-304	2 1/8	54	1/2
T54200F-304	2 1/8	54	3/4
T54250F-304	2 1/8	54	1

Male Tee



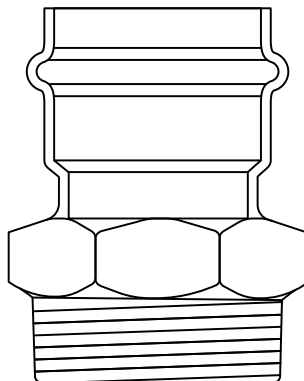
Part Number	Press Side Size (in.)	Press Side Size (mm)	R Threaded Side Size (in.)
T15150M-304	1/2	15	1/2
T22150M-304	7/8	22	1/2
T22200M-304	7/8	22	3/4
T28150M-304	1 1/8	28	1/2
T28200M-304	1 1/8	28	3/4
T28250M-304	1 1/8	28	1
T35200M-304	1 3/8	35	3/4
T35320M-304	1 3/8	35	1-1/4
T42200M-304	1 9/16	42	3/4
T42320M-304	1 9/16	42	1-1/2
T54200M-304	2 1/8	54	3/4
T54500M-304	2 1/8	54	2

Female Adapter



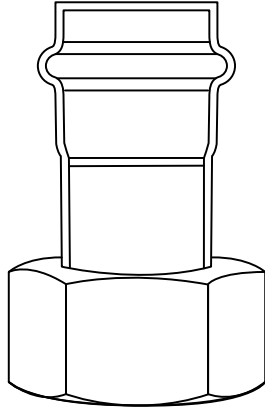
Part Number	Press Side Size (in.)	Press Side Size (mm)	RP Threaded Side Size (in.)
F151500-304	1/2	15	1/2
F221500-304	7/8	22	1/2
F222000-304	7/8	22	3/4
F282000-304	1 1/8	28	3/4
F282500-304	1 1/8	28	1
F352500-304	1 3/8	35	1
F353200-304	1 3/8	35	1-1/4
F354000-304	1 3/8	35	1-1/2
F423200-304	1 9/16	42	1-1/4
F424000-304	1 9/16	42	1-1/2
F544000-304	2 1/8	54	1-1/2
F545000-304	2 1/8	54	2

Male Adapter



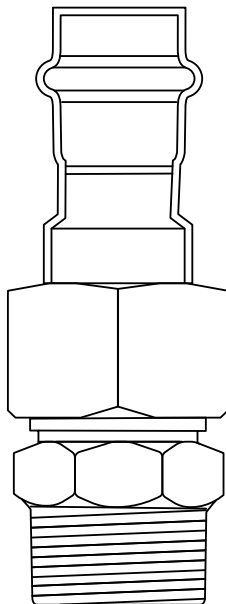
Part Number	Press Side Size (in.)	Press Side Size (mm)	R Threaded Side Size (in.)
M151500-304	1/2	15	1/2
M221500-304	7/8	22	1/2
M222000-304	7/8	22	3/4
M282000-304	1 1/8	28	3/4
M282500-304	1 1/8	28	1
M352500-304	1 3/8	35	1
M353200-304	1 3/8	35	1-1/4
M354000-304	1 3/8	35	1-1/2
M423200-304	1 9/16	42	1-1/4
M424000-304	1 9/16	42	1-1/2
M544000-304	2 1/8	54	1-1/2
M545000-304	2 1/8	54	2

Female Swivel Adapter



Part Number	Press Side Size (in.)	Press Side Size (mm)	G Threaded Side Size (in.)
F15150K-304	1/2	15	1/2
F15200K-304	1/2	15	3/4
F22200K-304	7/8	22	3/4
F22250K-304	7/8	22	1
F28250K-304	1 1/8	28	1
F28320K-304	1 1/8	28	1-1/4
F35320K-304	1 3/8	35	1-1/4
F35400K-304	1 3/8	35	1-1/2
F42400K-304	1 9/16	42	1-1/2
F42500K-304	1 9/16	42	2
F54500K-304	2 1/8	54	2

Union Male Swivel Adapter (3 Pcs)



Part Number	Press Side Size (in.)	Press Side Size (mm)	R Threaded Side Size (in.)
M15150K-304	1/2	15	1/2
M15200K-304	1/2	15	3/4
M22150K-304	7/8	22	1/2
M22200K-304	7/8	22	3/4
M22250K-304	7/8	22	1
M28200K-304	1 1/8	28	3/4
M28250K-304	1 1/8	28	1
M35320K-304	1 3/8	35	1-1/4
M35320K-304	1 3/8	35	1-1/2
M42320K-304	1 9/16	42	1-1/2
M54500K-304	2 1/8	54	2

A-Type Flange



Part Number	OD Size (in.)	OD Size (mm)
L150000-304	1/2	15
L220000-304	7/8	22
L280000-304	1 1/8	28
L350000-304	1 3/8	35
L420000-304	1 9/16	42
L540000-304	2 1/8	54

O-Type Clamp



Part Number	OD Size (in.)	OD Size (mm)
O1500-304	1/2	15
O2200-304	7/8	22
O2800-304	1 1/8	28
O3500-304	1 3/8	35
O4200-304	1 9/16	42
O5400-304	2 1/8	54

Female Ball Valve 304SS



Part Number	OD Size (in.)
SS-BALV-1/2"	1/2
SS-BALV-3/4"	3/4
SS-BALV-1"	1
SS-BALV-1 1/4"	1 1/4
SS-BALV-1 1/2"	1 1/2
SS-BALV-2"	2

Press Ball Valve 304 (3 Pcs)



Part Number	OD Size (in.)	OD Size (mm)
V1500PM-304	1/2	15
V2200PM-304	7/8	22
V2800PM-304	1 1/8	28
V3500PM-304	1 3/8	35
V4200PM-304	1 9/16	42
V5400PM-304	2 1/8	54

Expansion Joint/Compensator with Press Fit-340



Part Number	OD Size (in.)	OD Size (mm)
J1500CP-304	1/2	15
J2200CP-304	7/8	22
J2800CP-304	1 1/8	28
J3500CP-304	1 3/8	35
J4200CP-304	1 9/16	42
J5400CP-304	2 1/8	54

Jaws

Part Number	OD Size (in.)	OD Size (mm)
RID-15	1/2	15
RID-22	7/8	22
RID-28	1 1/8	28
RID-35	1 3/8	35
RID-42	1 9/16	42
RID-54	2 1/8	54



Actuator

Part Number	Description
RID-DN42-DN54	Actuator for 42-54mm jaws

Press Tool

Part Number	Description
RID-DN15-54	RIDGID 18V battery powered press tool



Tube Cutter

Part Number	Description
ATP-PC1/2"-1 1/4"	Tube Cutter 1/2-1 1/4" SS
ATP-PC1"-2"	Tube Cutter 1-2" SS



Electric Pipe Cutter

Part Number	Description
ATP-ELPC1/2"-3/4"	Electric pipe cutter includes 2 batteries

Tube Cutter Blades

Part Number	Description
ATP-PC1/2"-1 1/4"BLD	RIDGID 1/2- 1 1/4" Tube cutter blades 35S (6-35mm)
ATP-PC1"-2"BLD	RIDGID 3/4-2" Tube cutter blades
ATP-ELPC1/2"-2"BLD	Blade for 1/2 - 2" Electric pipe cutter

Airtite Pipe Installation Instructions



STEP 1. Select clean, undamaged pipe and cut to desired length using a wheel type cutter. Do not use a hacksaw or reciprocating saw.



STEP 2. Ream and deburr inside and outside of pipe. Remove any sharp edges that could damage the O ring during insertion.

Inspect the pipe surface at full insertion depth to identify imperfections. If found, polish with sand cloth until smooth.



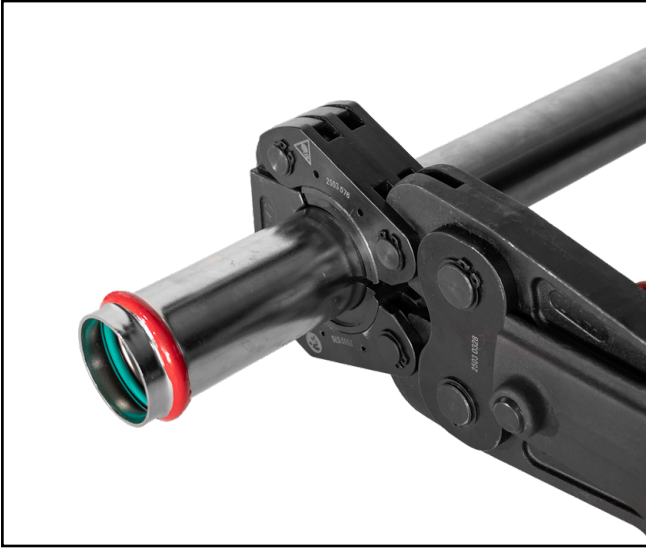
STEP 3. Mark the pipe at the proper insertion depth with a permanent marker.



STEP 4. Check each fitting to verify all components and seals are in place.

Insert pipe into the fitting to the marked depth.

Airtite Pipe Installation Instructions



STEP 5. Using the proper tools, place jaws around the fitting and ensure they are aligned with the contour of the fitting. Before pressing, make sure that the pipe is inserted to the proper depth. Start the pressing process. Refer to the tool operating instructions for tool operation.



STEP 6. Remove tool and inspect compression on the fitting and tube. Remove the red visual crimp indicator.

Once all fittings are installed and pressed, the system may be tested for leaks.



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Simplicity. It's What We Do.