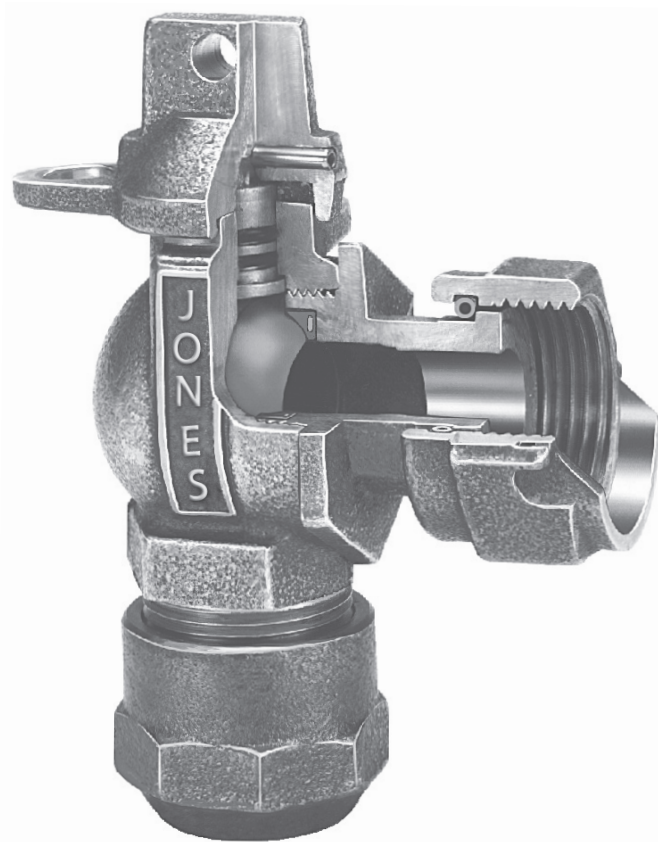


Ball Angle Meter Valve



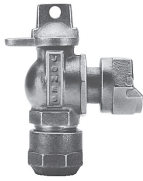
- QUARTER TURN CHECK - is integrally cast on body to assure positive action. Checkless 360° turn or clockwise-to-open are available as options.
- LOCKWING - accepts bullet lock.
- OPTIMIZED KEY TO BALL CONNECTION - provides strong, reliable performance and resists breakage.
- FLUOROCARBON COATED BALL - ensures smooth, easy turning operation.
- END CONNECTIONS - include copper flare, JONES[®] 110 Compression Connection (Super Grip), Pack Joint Connection and F.I.P. thread.
- MANUFACTURED AND TESTED - in accordance with ANSI/AWWA C800 standard.
- FULL THREAD DEPTH - and drill depth on F.I.P. thread ends (meets ANSI/AWWA C800 standard).
- LEVER HANDLES - are available as optional items.
- 300 PSIG - maximum working pressure.
- DOUBLE O-RING SEALS - are supported in precision machined grooves and provide secure, leak-tight sealing.
- BLOW-OUT PROOF STEM DESIGN - prevents separation and assures dependable, safe operation.
- STAINLESS STEEL REINFORCED SEAT RING - assures reliable seal under full flow and pressure.
- RUBBER SEAT - is nitrile (BUNA -N) rubber for long life.
- PLAIN METER SWIVEL NUT IS STANDARD
- SADDLE FEATURE - available on request.
- FULL ROUNDWAY - provides straight-through flow (reduced port available).
- HEAVY BRASS COMPONENTS - constructed of Low Lead brass or ASTM B62 for strength and durability.

JONES Service Brass is manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

SECTION 5 – Meter Valves

Ball Angle Meter Valves



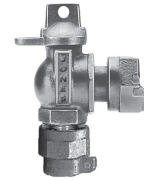
E-1963WSG



E-1962WSGP



E-1975WSG



E-1963W

Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing Size	1
E-1963WSG	Jones® 110 Conductive Compression (Super Grip) Connection for soft/annealed copper and CTS PE* tubing x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	5/8x3/4x3/4	5/8x3/4x1	1	
		5/8x3/4, 3/4	5/8x3/4, 3/4	1	
		3/4	1	1	
E-1962WSGP	Jones 110 Conductive Compression (Super Grip) for IPS PE* x meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	5/8x3/4x3/4		1	
		5/8x3/4, 3/4		1	
		3/4		1	
E-1975WSG	Jones 110 Conductive Compression (Super Grip) Connection for soft/annealed copper and CTS PE* tubing x meter flange. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2		2	
		1-1/2		2	
		1-1/2		2	
E-1963W	Pack Joint Connection for CTS O.D.* tubing x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	5/8x3/4x3/4	5/8x3/4x1	1	
		5/8x3/4, 3/4	5/8x3/4, 3/4	1	
		3/4	1	1	



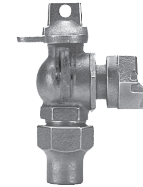
E-1962W



E-1975W



E-1979W



E-1964W

Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing Size	1
E-1962W	Pack Joint Connection for IPS PE* x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	5/8x3/4x3/4		1	
		5/8x3/4, 3/4		1	
		3/4		1	
E-1975W	Pack Joint Connection for CTS O.D.* tubing x meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2		2	
		1-1/2		2	
		1-1/2		2	
E-1979W	Pack Joint Connection for IPS PVC* x meter flange. Two-piece fitting. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	1-1/2		2	
		1-1/2		2	
		1-1/2		2	
E-1964W	Copper flare nut x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	5/8x3/4x3/4	5/8x3/4x1	1	
		5/8x3/4, 3/4	5/8x3/4, 3/4	1	
		3/4	1	1	

JONES Meter Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

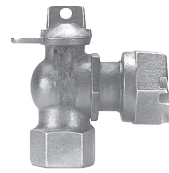
Ball Angle Meter Valves cont.



E-1971W



E-1973W



E-1966W



E-1974W

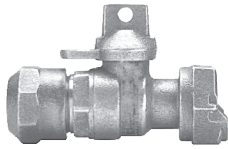
Part Number	Description	Size	
		Catalog Size	Meter Size
E-1971W	1" ball angle meter Inlet: 1" IPS-PE pack joint connection - 1/8 bend Outlet: 1" swivel saddle meter nut Lockwing 2 pc cost.	Tubing Size	1
		Meter Size	1
		Catalog Size	1
E-1973W	Copper flare nut x meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order. Two piece factory assembled. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	Tubing Size	1-1/2 2
		Meter Size	1-1/2 2
		Catalog Size	1-1/2 2
E-1966W	F.I.P. x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Pipe Size	3/4 1
		Meter Size	5/8x3/4, 3/4 1
		Catalog Size	5/8x3/4x3/4 1
E-1974W	F.I.P. x meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	Pipe Size	1-1/2 2
		Meter Size	1-1/2 2
		Catalog Size	1-1/2 2

JONES Meter Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

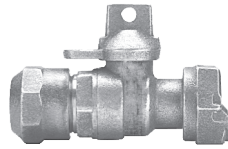
**See charts on pages 12-13 for tubing and pipe that may be used with these connections.*

SECTION 5 – Meter Valves

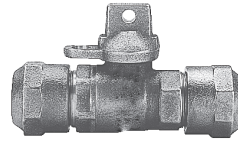
Ball Straight Meter Valves



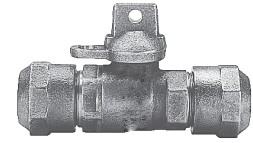
E-1925WSG



E-2025WSG

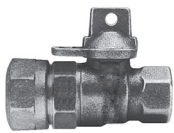


E-1949WSG

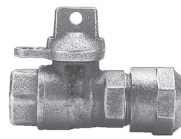


E-2049WSG

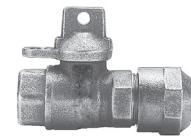
Part Number	Description	Size
E-1925WSG	Jones® 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 3/4 5/8x3/4x1 1
		Meter Size 5/8x3/4, 3/4 5/8x3/4, 3/4 1
		Tubing Size 3/4 1 1
E-2025WSG	Reduced Port. Jones 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 3/4
		Meter Size 5/8x3/4, 3/4
		Tubing Size 3/4
E-1949WSG	Jones 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing - both ends. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 3/4 1 1-1/2 2
		Tubing Size 3/4 1 1-1/2 2
E-2049WSG	Reduced Port. Jones 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing - both ends. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 3/4 1
		Tubing Size 3/4 1



E-1922WSGP



E-1921WSG



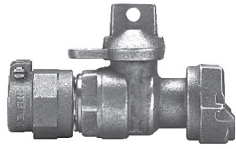
E-2021WSG

Part Number	Description	Size
E-1922WSGP	Jones 110 Conductive Compression Connection (Super Grip) for IPS PE* pipe x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 1
		Pipe Size 1
E-1921WSG	F.I.P. x Jones 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 3/4 1 1-1/2 2
		Tubing/Pipe Size 3/4 1 1-1/2 2
E-2021WSG	Reduced Port. F.I.P. x Jones 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size 3/4
		Tubing/Pipe Size 3/4

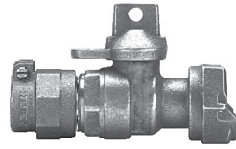
JONES Meter and Service Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

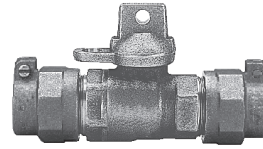
Ball Straight Meter Valves cont.



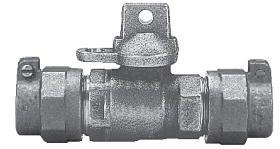
E-1925W



E-2025W

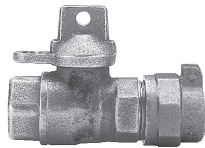


E-1949W

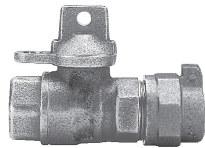


E-2049W

Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing Size	
E-1925W	Pack Joint Connection for CTS O.D.* tubing x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	5/8x3/4x1		1
		3/4	5/8x3/4, 3/4		1
		3/4	3/4		1
E-2025W	Reduced Port. Pack Joing Connection for CTS O.D.* tubing x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4			
		5/8x3/4, 3/4			
		3/4			
E-1949W	Pack Joint Connection for CTS O.D.* tubing - both ends. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	1	1-1/2	2
		3/4	1	1-1/2	2
E-2049W	Reduced Port. Pack Joint Connection for CTS O.D.* tubing - both ends. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4			1
		3/4			1



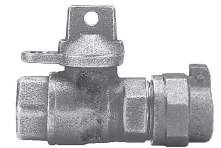
E-1921W



E-2021W



E-1927W



E-1922W

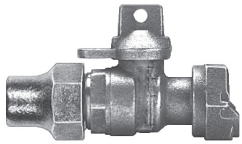
Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing Size	
E-1921W	Pack Joint Connection for CTS O.D.* tubing x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	1	1-1/2	2
		3/4	1	1-1/2	2
E-2021W	Reduced Port. Pack Joint Connection for CTS O.D.* tubing x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4			
		3/4			
E-1927W	Pack Joint Connection for CTS O.D.* tubing x meter swivel nut. Quarter turn check - lock wing and handle. 360° turn option available by noting L/S to order.	3/4			1
		5/8x3/4, 3/4			1
		3/4			1
E-1922W	Pack Joint Connection for IPS PE* pipe x F.I.P. Quarter turn check. 360° turn option available by noting L/S to order.	3/4			1
		3/4			1

JONES Meter and Service Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

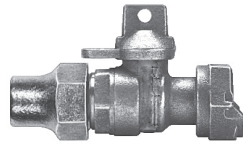
*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

SECTION 5 – Meter Valves

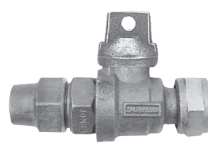
Ball Straight Meter Valves



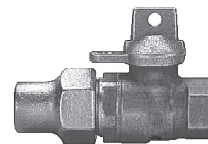
E-1904W



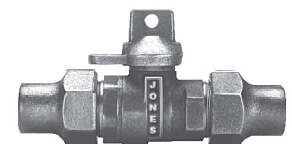
E-2004W



E-1904



E-1901W

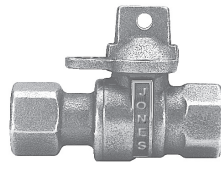


E-1902W

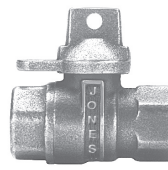
Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing Size	
E-1904W	Copper flare nut x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	5/8x3/4, 3/4	3/4	1
		3/4	3/4	3/4	1
		3/4	3/4	3/4	1
E-2004W	Reduced Port. Copper flare nut x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	5/8x3/4, 3/4	3/4	1
		3/4	3/4	3/4	1
		3/4	3/4	3/4	1
E-1904	Copper flare nut x meter swivel nut. Tee head. Quarter turn check. 360° turn option available by noting L/S to order.	3/4	3/4	3/4	1
		3/4	3/4	3/4	1
		3/4	3/4	3/4	1
E-1901W	Copper flare nut x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	3/4	3/4	1
		3/4	3/4	3/4	1
E-1902W	Copper flare nut - both ends. Quarter turn - lock wing. 360° turn option available by noting L/S to order.	3/4	1	1-1/2	2
		3/4	1	1-1/2	2



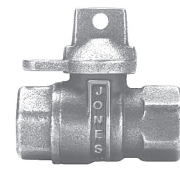
E-2016W



E-2010W



E-1900W



E-2000W

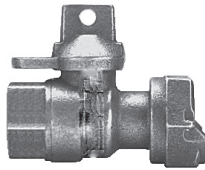
Part Number	Description	Size						
		Catalog Size	Meter Size	Pipe Size				
E-2016W	Reduced Port. F.I.P. x meter swivel nut (extended length). Quarter turn check - lock wing. 360° turn option available by noting L/S to order. <i>Note: The standard length for 3/4" reduced port valve is 4".</i>	3/4	5/8x3/4, 3/4	3/4				
		3/4	3/4	3/4				
		3/4	3/4	3/4				
E-2010W	Reduced Port. F.I.P. - both ends. Quarter turn check - lock wing. 360° turn option available by noting L/S to order. <i>Note: The standard length for 3/4" reduced port valve is 3-13/16".</i>	3/4						
		3/4						
E-1900W	F.I.P. x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4	1	1x3/4	1-1/2	2	2-1/2"	
		3/4	1	1	1-1/2	2	2-1/2"	
E-2000W	Reduced Port. F.I.P. x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4						
		3/4						

JONES Meter and Service Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

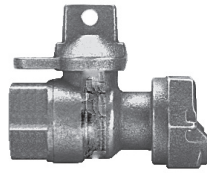
*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

SECTION 5 – Meter Valves

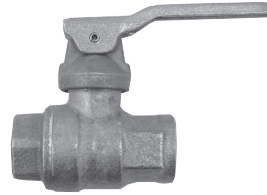
Ball Straight Service Valves cont.



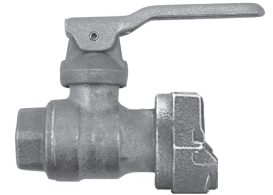
E-1903



E-2003W



E-1905

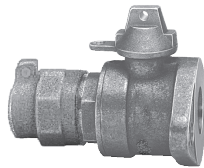


E-1908

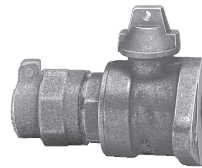
Part Number	Description	Size			
		Catalog Size	Meter Size	Pipe Size	
E-1903	F.I.P. thread x meter swivel nut. Quarter turn check. 360° turn option available by noting L/S to order.	3/4	1	5/8x3/4x1	
		3/4	1	3/4	
		3/4	1	1	
E-2003W	Reduced Port. F.I.P. x meter swivel nut. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	3/4			
		5/8x3/4, 3/4			
		3/4			
E-1905	F.I.P. - both ends. Quarter turn check and handle. 360° turn option available by noting L/S to order.	3/4	1	1-1/2	2
		3/4	1	1-1/2	2
E-1908	F.I.P. x meter swivel nut. Quarter turn check and handle. 360° turn option available by noting L/S to order.	3/4	3/4x1	1	
		3/4	3/4	1	
		3/4	1	1	



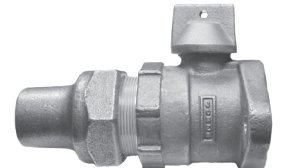
E-1939WSG



E-1939W



E-1939



E-1933

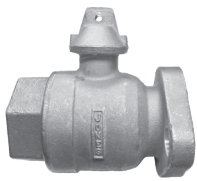
Part Number	Description	Size		
		Catalog Size	Meter Size	Tubing Size
E-1939WSG	Jones [®] 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing x meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2	2	
		1-1/2	2	
		1-1/2	2	
E-1939W	Pack Joint Connection for CTS O.D.* tubing x meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2	2	
		1-1/2	2	
		1-1/2	2	
E-1939	Pack Joint Connection for CTS O.D.* tubing x meter flange. Tee head. Quarter turn check. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2	2	
		1-1/2	2	
		1-1/2	2	
E-1933	Copper flare nut x meter flange. Quarter turn check. 360° turn option available by noting L/S to order. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2	2	
		1-1/2	2	
		1-1/2	2	

JONES Meter and Service Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

SECTION 5 – Meter Valves

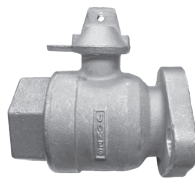
Ball Straight Service Valves cont.



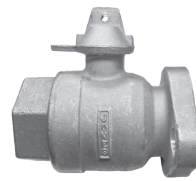
E-1912J



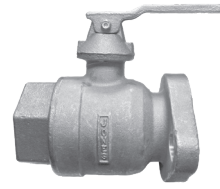
E-1912S



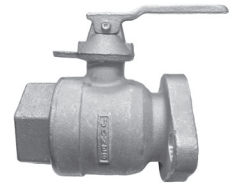
E-1912WJ



E-1912WS



E-1913F



E-1913W

Part Number	Description	Size	
		Catalog Size	2
E-1912J	F.I.P. x Meter flange. Quarter turn check. 360° turn option available by noting L/S to order. 1-1/2" = 5" long and 2" = 5-3/4" long Length same as original Jones valve for retro fit & new installs Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.	Catalog Size	1-1/2
		Meter Size	1-1/2
		Pipe Size	1-1/2
E-1912S	F.I.P. x Meter flange. Quarter turn check. 360° turn option available by noting L/S to order. 1-1/2" = 3-7/8" long and 2" = 5-5/16" long Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.	Catalog Size	1-1/2
		Meter Size	1-1/2
		Pipe Size	1-1/2
E-1912WJ	F.I.P. x Meter flange. Quarter turn check - lock wing. 360° turn option available by noting L/S to order 1-1/2" = 5" long and 2" = 5-3/4" long Length same as original Jones valve for retro fit & new installs Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.	Catalog Size	1-1/2
		Meter Size	1-1/2
		Pipe Size	1-1/2
E-1912WS	F.I.P. x Meter flange. Quarter turn check - lock wing 360° turn option available by noting L/S to order. 1-1/2" = 3-7/8" long and 2" = 5-5/16" long Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.	Catalog Size	1-1/2
		Meter Size	1-1/2
		Pipe Size	1-1/2
E-1913F	F.I.P. x Meter flange. Quarter turn check and handle 360° turn option available by noting L/S to order Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.	Catalog Size	1-1/2
		Meter Size	1-1/2
		Pipe Size	1-1/2
E-1913W	F.I.P. x meter flange. Quarter turn check - lock wing and handle. 360° turn option available by noting L/S to order. Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.	Catalog Size	1-1/2
		Meter Size	1-1/2
		Pipe Size	1-1/2

JONES Service Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

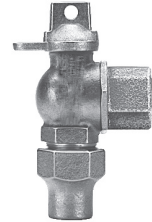
Ball Angle Service Valves



E-1969WSG



E-1969W



E-1965W

Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing/Pipe Size	1
E-1969WSG	Jones® 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing x F.I.P. Quarter turn check - lock wing. 360° turn option available by adding L/S suffix to catalog number.	Catalog Size	1		
		Tubing/Pipe Size	1		
E-1969W	Pack Joint Connection for CTS O.D.* tubing x F.I.P. Quarter turn check - lock wing. 360° turn option available by noting L/S to order.	Catalog Size	3/4		
		Meter Size	3/4		
		Tubing/Pipe Size	3/4		
E-1965W	Copper flare nut x F.I.P. Quarter turn check - lock wing. 360° turn option available by adding L/S suffix to catalog number.	Catalog Size	3/4	1	
		Tubing/Pipe Size	3/4	1	

Ground Key Angle Meter Valves



E-4202SGP



E-4201SG



E-4201



E-4202

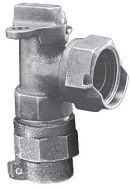
Part Number	Description	Size			
		Catalog Size	Meter Size	Tubing/Pipe Size	1
E-4202SGP	Jones 110 Compression Connection(Super Grip) for IPS PE* plastic pipe x meter swivel nut. 180° turn check - lock wing.	Catalog Size	5/8x3/4x3/4	5/8x3/4x1	1
		Meter Size	5/8x3/4, 3/4	5/8x3/4, 3/4	1
		Pipe Size	3/4	1	1
E-4201SG	Jones 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing x meter swivel nut. 180° turn check - lock wing	Catalog Size	5/8x3/4x3/4	5/8x3/4x1	1
		Meter Size	5/8x3/4, 3/4	5/8x3/4, 3/4	1
		Tubing Size	3/4	1	1
E-4201	Pack Joint Connection for CTS PE* x meter swivel nut. 180° turn check - lock wing.	Catalog Size	5/8x3/4x3/4	5/8x3/4x1	1
		Meter Size	5/8x3/4, 3/4	5/8x3/4, 3/4	1
		Pipe Size	3/4	1	1
E-4202	Pack Joint Connection for IPS PE* x meter swivel nut. 180° turn check - lock wing. Note: Drilled for wire seal.	Catalog Size	5/8x3/4x3/4	5/8x3/4x1	1
		Meter Size	5/8x3/4, 3/4	5/8x3/4, 3/4	1
		Pipe Size	3/4	1	1

JONES Meter Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

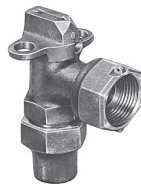
*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

SECTION 5 – Meter Valves

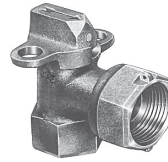
Ground Key Angle Meter Valves



E-4211



E-1525



E-1527



E-4205SG

Part Number	Description	Size			
		Catalog Size	Meter Size	Pipe Size	
E-4211	Pack Joint Connection for IPS PVC* x meter swivel nut. 1" inlet with 2 piece construction. 180° turn check - lock wing. <i>Note: Assembled wrench tight with sealant.</i>	5/8x3/4x3/4	5/8x3/4x1		1
		5/8x3/4, 3/4	5/8x3/4, 3/4		1
		3/4	1		1
E-1525	Copper flare nut x meter swivel nut. 180° turn check - lock wing	5/8x3/4x3/4	5/8x3/4x1		1
		5/8x3/4, 3/4	5/8x3/4, 3/4		1
		3/4	1		1
E-1527	F.I.P. x meter swivel nut. 180° turn check - lock wing.	5/8x3/4x3/4	5/8x3/4x1		1
		5/8x3/4, 3/4	5/8x3/4, 3/4		1
		3/4	1		1
E-4205SG	Jones® 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing x meter flange. 180° turn check - lock wing. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2			2
		1-1/2			1-1/2, 2
		1-1/2			2



E-4205



E-1525F



E-1527F



E-372-F

Part Number	Description	Size		
		Catalog Size	Meter Size	Pipe Size
E-4205	Pack Joint Connection for CTS O.D.* tubing x meter flange. 180° turn check - lock wing. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2		2
		1-1/2		1-1/2, 2
		1-1/2		2
E-1525F	Copper flare nut x meter swivel nut**, 180° turn check - lock wing. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2		2
		1-1/2		1-1/2, 2
		1-1/2		2
E-1527F	F.I.P. x meter flange. 180° turn check - lock wing. <i>Note: The 2" size is double drilled to fit either 1-1/2" or 2" meters.</i>	1-1/2		2
		1-1/2		1-1/2, 2
		1-1/2		2
E-372-F	Double disc, wheel handle, inlet F.I.P. Thread; Outlet meter flange	1-1/2		2
		1-1/2		2
		1-1/2		2

JONES Meter Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

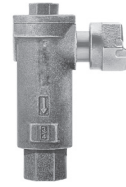
Check Valves



E-5912SG



E-5912

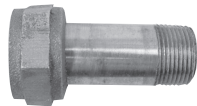


E-5910

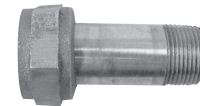


E-5955

Part Number	Description	Size		
		Catalog Size	Meter Size	Pipe Size
E-5912SG	Top entry vertical dual check valve ASSE approved. Inlet: Meter swivel nut. Outlet: Jones [®] 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing.	Catalog Size	5/8x3/4x3/4	
		Meter Size	5/8x3/4, 3/4	
		Tubing Size	3/4	
E-5912	Top entry dual check valve. Inlet: Meter swivel coupling nut. Outlet: Pack Joint Connection for CTS O.D* tubing.	Catalog Size	5/8x3/4x3/4	
		Meter Size	5/8x3/4, 3/4	
		Tubing Size	3/4	
E-5910	Top entry vertical dual check valve ASSE approved. Inlet: Meter swivel nut. Outlet: F.I.P.	Catalog Size	5/8x3/4x3/4	1
		Meter Size	5/8x3/4, 3/4	1
		Pipe Size	3/4	1
E-5955	Angel dual check valve. Inlet: Meter flange. Outlet: F.I.P.	Catalog Size	2	
		Meter Size	1-1/2, 2	
		Pipe Size	2	



E-5931



E-5930

Part Number	Description	Size		
		Catalog Size	Meter Size	Pipe Size
E-5931	Straight meter single check valve. Inlet: Meter swivel coupling nut. Outlet: M.I.P. Specify length when ordering.	Catalog Size	3/4	1
		Meter Size	5/8x3/4, 3/4	1
		Pipe Size	3/4	1
E-5930	Straight meter dual check valve. Inlet: Meter swivel coupling nut. Outlet: M.I.P. Specify length when ordering.	Catalog Size	3/4	1
		Meter Size	5/8x3/4, 3/4	1
		Pipe Size	3/4	1



J-288

J-288	Locking Device	3/4" 1"
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JONES Meter Valves and Tail Pieces are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

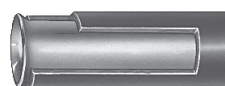
*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

SECTION 5 – Meter Valves

Pipe Liners



J-2807



J-2808



J-2809



J-2810

Part Number	Description	Sizes
J-2807	Pipe Liner for use with CTS O.D. Jones® 110 Compression Connection	3/4" 1" 1-1/2" 2"
J-2808	Pipe Liner for use with CTS O.D. Pack Joint Connection	3/4" 1" 1-1/2" 2"
J-2809	Pipe Liner for use with IPS PVC Pack Joint Connection	3/4"
J-2810	Pipe Liner for use with IPS PE Jones® 110 Compression Connections	3/4" 1"

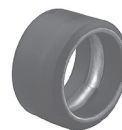
Tube, pipe and liners used with Jones® 110 Compression Connection

Nominal size of connection	Material	Tubing or pipe O.D. range - inches	Tubing or pipe wall thickness range - inches	Tubing or pipe I.D. range - inches	Liner part number
1/2" CTS	Type "K" soft/annealed copper	0.622 - 0.628	0.045 - 0.053	-	-
3/4" CTS	Type "K" soft/annealed copper	0.872 - 0.878	0.061 - 0.069	-	-
	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	504281J
1" CTS	Type "K" soft/annealed copper	1.21 - 1.129	0.061 - 0.069	-	-
	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	504385J
1-1/4" CTS	Type "K" soft/annealed copper	1.371 - 1.379	0.060 - 0.070	-	-
	Polyethylene PE	1.370 - 1.380	0.153 - 0.168	1.034 - 1.074	505142J
1-1/2" CTS	Type "K" soft/annealed copper	1.621 - 1.630	0.067 - 0.077	-	-
	Polyethylene PE	1.619 - 1.631	0.181 - 0.199	1.221 - 1.269	506139J
2" CTS	Type "K" soft/annealed copper	2.120 - 2.130	0.076 - 0.090	-	-
	Polyethylene PE	2.119 - 2.131	0.236 - 0.260	1.599 - 1.659	506141J
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834	505141J
	3/4" Sch. 40 PVC	1.046 - 1.054	0.113 - 0.133	0.780 - 0.828	509759J
	3/4" Sch. 80 PVC	1.046 - 1.054	0.154 - 0.174	0.698 - 0.746	509760J
1" IPS	Polyethylene PE	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059	505124J

Type "K" soft/annealed copper tubing per ASTM B88
 CTS polyethylene (PE) per ASTM D-2737 - SDR-9
 IPS polyethylene (PE) per ASTM D-2239 - PE SDR-7
 IPS polyvinylchloride (PVC) per ASTM D1785

110 Compression Connection replacement parts

Size	Kit	Gasket part number†	Connection nut
1/2" CTS	-	681516	147542
3/4" CTS	682600J	581949	507831
1" CTS	682601J	581951	507835
1-1/2" CTS	682602J	581955	507847
2" CTS	682603J	581957	507851
3/4" IPS PE	-	89599	508826
1" IPS PE	-	89788	508827



Gasket



Nut

†Gasket and gripper band assembly

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

Tubing, pipe and liners used with Pack Joint Connection

Nominal size of connection	Material	Tubing or pipe O.D. range - inches	Tubing or pipe wall thickness range - inches	Tubing or pipe I.D. range - inches	Liner part number
3/4" CTS	Type "K" soft/annealed copper	0.872 - 0.878	0.061 - 0.069	-	-
	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	528704J
1" CTS	Type "K" soft/annealed copper	1.21 - 1.129	0.061 - 0.069	-	-
	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	528705J
1-1/2" CTS	Type "K" soft/annealed copper	1.621 - 1.630	0.067 - 0.077	-	-
	Polyethylene PE	1.619 - 1.631	0.181 - 0.199	1.221 - 1.269	528706J
2" CTS	Type "K" soft/annealed copper	2.120 - 2.130	0.076 - 0.090	-	-
	Polyethylene PE	2.119 - 2.131	0.236 - 0.260	1.599 - 1.659	528707J
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834	505141J
	3/4" Sch. 40 PVC	1.046 - 1.054	0.113 - 0.133	0.780 - 0.828	509759J
	3/4" Sch. 80 PVC	1.046 - 1.054	0.154 - 0.174	0.698 - 0.746	509760J
1" IPS	Polyethylene PE	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059	505142J
	1" Sch. 40 PVC	1.310 - 1.320	0.113 - 0.133	-	-
	1" Sch. 80 PVC	1.310 - 1.320	0.179 - 0.200	-	-
1-1/2" IPS	Polyethylene PE	2.05 - 2.141	0.230 - 0.258	1.590 - 1.625	529116J
	1-1/2" Sch. 40 PVC	1.894 - 1.906	0.145 - 0.165	-	-
	1-1/2" Sch. 80 PVC	1.894 - 1.906	0.200 - 0.224	-	-
2" IPS	Polyethylene PE	2.637 - 2.742	0.295 - 0.330	2.047 - 2.082	529117J
	2" Sch. 40 PVC	2.369 - 2.381	0.154 - 0.174	-	-
	2" Sch. 80 PVC	2.369 - 2.381	0.218 - 0.244	-	-

Type "K" soft/annealed copper tubing per ASTM B88
 CTS polyethylene (PE) per ASTM D-2737 - SDR-9
 IPS polyethylene (PE) per ASTM D-2239 - PE SDR-7
 IPS polyvinylchloride (PVC) per ASTM D1785

Pack Joint Connection Kit

Size	Connection Kit
3/4" CTS	681921J
1" CTS	681922J
1-1/2" CTS	681923J
2" CTS	681924J
3/4" IPS PE	682377J
1" IPS PE	682556J
1-1/2" IPS PE	682557J
2" IPS PE	682558J
3/4" IPS PVC	682377J
1" IPS PVC	682553J
1-1/2" IPS PVC	682554J
2" IPS PVC	682555J



*See charts on pages 12-13 for tubing and pipe that may be used with these connections.

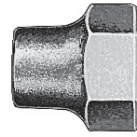
Equipment and Tools



Brass Hammer

Solid brass head with 10" wooden handle. Weight 2-3/4 lb.

CATALOG NUMBER: **J-18025**



Copper flare nut

CATALOG NUMBER: **J-15430**

1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
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Brass cap

Fits on copper flare spud to cap off line.

CATALOG NUMBER: **J-15540N**

3/4"	1"
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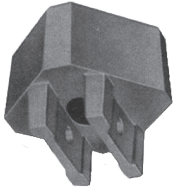


Solid copper disc

Used with regular copper flare nut to shut off line.

CATALOG NUMBER: **J-15535**

1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
------	------	----	--------	--------	----



2" Square operating nut

For 1-1/2" and 2" ball valves

CATALOG NUMBER: **J-2816**

Lever handle for small ball valves



CATALOG NUMBER: **J-2813**



Flaring tool

Used to make 45° flare on type "K" copper tubing.

CATALOG NUMBER: **J-18000**

1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
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Drilled flaring tool

Used to make 45° flare on type "K" copper tubing without shutting off water-drilled to exhaust water at right angle to tubing.

CATALOG NUMBER: **J-18005**

3/4"	1"
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Reamer

Used to ream the inside of type "K" copper tubing to remove burrs prior to flaring.

CATALOG NUMBER: **J-18010**

1/2"	3/4"	1"
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Note: When using any striking tool, safety eye protection must be worn. Inspect hammer and tools for any damage after each use and repair or replace if mushrooming or chipping is evident.

*See charts on pages 12-13 for tubing and pipe that may be used with these connections.