

IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

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Effective Date: July 2015 -Rev. 7/2/2015- Void After: July 2016

Product: Pipe Couplings & Fittings File No. 2333

Issued To: Anvil International, Llc
2 Holland Way
Exeter, NH 03833

Identification: Manufacturer's name or trademark, size, figure number cast or stamped all parts and UPC® certification mark.

Characteristics: A line of pressure rated grooved end couplings, flanges and fittings manufactured of ductile iron, malleable iron, stainless steel or copper. Intended for use with copper tubing, stainless steel or steel pipe in water systems for above or below ground installations. Malleable Iron and ductile iron fittings used in underground and potable water piping installations require a galvanized coating. To be installed in accordance with the manufacturer's Installation and Assembly Instructions, the manufacturer's recommendations and the requirements of the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):


Chairman, Product Certification Committee


CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.



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Uniform Plumbing Code (UPC®)
International Plumbing Code (IPC®)

Products are in compliance with the following standard(s):

IAPMO PS 53-2013



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MODELS:

Gruvlok Clamp-T[™] Figure 7045 & 7046

Figure 7045 female threaded branch fittings are available in sizes:

*2" x 1/2", *2" x 3/4", *2" x 1", *2" x 1-1/4", *2" x 1-1/2",
*2-1/2" x 1/2", *2-1/2" x 3/4", *2-1/2" x 1", *2-1/2" x 1-1/4",
*2-1/2" x 1-1/2", *3" x 1/2", *3" x 3/4", *3" x 1", 3" x 1-1/4",
3" x 1-1/2", 3" x 2", *4" x 1/2", *4" x 3/4", *4" x 1",
4" x 1-1/4", 4" x 1-1/2", 4" x 2", 4" x 2-1/2", 4" x 3",
5" x 1-1/4", 5" x 1-1/2", 5" x 2", 5" x 2-1/2", 5" x 3",
6" x 1-1/4", 6" x 1-1/2", 6" x 2", 6" x 2-1/2", 6" x 3",
6" x 4", 8" x 2-1/2", 8" x 3" and 8" x 4"

Figure 7046 grooved branch fittings are available in sizes:

2-1/2" x 1-1/4", 2-1/2" x 1-1/2", 3" x 1-1/4", 3" x 1-1/2",
3" x 2", 4" x 1-1/4", 4" x 1-1/2", 4" x 2", 4" x 2-1/2",
4" x 3", 5" x 1-1/4", 5" x 1-1/2", 5" x 2", 5" x 2-1/2",
5" x 3", 6" x 1-1/4", 6" x 1-1/2", 6" x 2", 6" x 2-1/2",
6" x 3", 6" x 4", 8" x 2-1/2", 8" x 3" and 8" x 4"

*These fittings are furnished with "U-Bolt" lower housing which includes a U-bolt, washers and 2 nuts.

Figure 7000 lightweight couplings are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6" and 8".

Figure 7001 standard couplings are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8" 10" and 12"

Figure 7010 reducing couplings are available in sizes:

2" x 1-1/2", 2-1/2" x 2", 3" x 2", 3" x 2-1/2", 4" x 2",
4" x 2-1/2", 4" x 3", 5" x 4", 6" x 4", 6" x 5" and 8" x 6"

Figure 7012 flanges are available in sizes:

2", 2-1/2", 3", 4", 5", 6", 8", 10" and 12".

Figure 7050 90° elbows are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10" and 12".

Figure A7050SS (304 stainless steel) 90° elbows are available in sizes:

1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10" and 12".

Figure 7051 45° elbows are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10" and 12".

Figure A7051SS (304 stainless steel) 45° elbows are available in sizes:

1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10" and 12".



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Figure 7060 tees are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10" and 12".

Figure A7060SS (304 stainless steel) tees are available in sizes:

1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10" and 12".

Figure A7061SS (304 stainless steel) reducing tees are available in sizes:

1-1/2" x 1-1/4", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 1-1/2", 2-1/2" x 2", 3" x 1-1/2", 3" x 2", 3" x 2-1/2", 4" x 2", 4" x 2-1/2", 4" x 3", 6" x 3", 6" x 4", 8" x 4", 8" x 6", 10" x 6", 10" x 8", and 12" x 8".

Figure 7074 caps are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10" and 12".

Figure A7074SS (304 stainless steel) caps are available in sizes:

1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10" and 12".

Figure 7072 concentric reducers are available in sizes:

1-1/2" x 1", 2" x 1", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 2", 3" x 2", 3" x 2-1/2", 3-1/2" x 3", 4" x 1", 4" x 2", 4" x 2-1/2", 4" x 3", 4" x 3-1/2", 5" x 4", 6" x 2", 6" x 3", 6" x 4", 6" x 5", 8" x 4", 8" x 5", 8" x 6", 10" x 4", 10" x 6", 10" x 8", 12" x 6", 12" x 8" and 12" x 10"

Figure A7072SS (304 stainless steel) Concentric Reducers are available in sizes:

1-1/2" x 1-1/4", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 1-1/2", 2-1/2" x 2", 3" x 1-1/2", 3" x 2", 3" x 2-1/2", 4" x 2", 4" x 2-1/2", 4" x 3", 6" x 3", 6" x 4", 8" x 4", 8" x 6", 10" x 6", 10" x 8", 12" x 8", and 12" x 10"

Figure 7091 DILOK - IPS x CTS Groove x Groove Nipple

2", 2-1/2", 3", 4", 6"

Figure 7400 Rigid lite coupling are available in sizes:

1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5" and 6"

Figure 7402 - Slidelok tm coupling are available in sizes:

<u>Size</u>	<u>Description</u>
2", 2-1/2", 3", 4", 5"	Rigid Groove Couplings with Maximum Working Pressure of 750psi
6"	Rigid Groove Couplings with Maximum Working Pressure of 650psi
8"	Rigid Groove Couplings with Maximum Working Pressure of 500psi

Figure 7550 - 90° Elbows are available in sizes:

2", 2-1/2", 3", 4", 5" and 6"

Figure 7551 - 90° Elbows are available in sizes:

2", 2-1/2", 3", 4", 5" and 6"



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Figure 7560 - Tees are available in sizes:
2", 2-1/2", 3", 4", 5" and 6"

Figure 7561A-Reducing Tees are available in sizes:
2-1/2" x 2-1/2" x 2, 3" x 3" x 2", 3" x 3" x 2-1/2",
4" x 4" x 2", 4" x 4" x 2-1/8", 4" x 4" x 3",
5" x 5" x 3" 5" x 5" x 4", 6" x 6" x 2-1/2", 6" x 6" x 3",
6" x 6" x 4", 6" x 6" x 5", 8" x 8" x 2-1/8", 8" x 8" x 3",
8" x 8" x 4" 8" x 8" x 5", 8" x 8" x 8"

Figure 7564A-Reducing Tees available in sizes:
2" x 2" x 8/4", 2" x 2" x 1", 2" x 2" x 1-1/4",
2" x 2" x 1-1/8", 2-1/2" x 2-1/8" x 8/4", 2-1/8" x 2-1/2" x 1",
2-1/2" x 2-1/2" x 1-1/4", 2-1/2" x 2-1/2" x 1-1/8",
2-1/2" x 2-1/8" x 2, 3" x 3" x 1", 3" x 3" x 1-1/4",
3" x 3" x 1-1/2", 3" x 3" x 2", 4" x 4" x 8/4",
4" x 4" x 1", 4" x 4" x 1-1/4", 4" x 4" x 1-1/2", 4" x 4" x 2"

Figure 7572 Concentric Reducers Groove x Groove are available in sizes:
2-1/2" x 2", 3" x 2", 3" x 2-1/2", 4" x 2", 4" x 2-1/2",
4" x 3", 5" x 3", 5" x 4", 6" x 3", 6" x 4" and 6" x 5"

Figure 7575 Concentric Reducers Groove x Cup are available in sizes:
2" x 1", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 1", 2-1/2" x 1-1/4",
2-1/2" x 1-1/2", 2-1/2" x 2", 3" x 1-1/2", 3" x 2" and 4" x 2"

Figure 6050 Grooved Copper 90° Elbow
2", 2-1/2", 3", 4", 5", 6", 8"

Figure 6051 Grooved Copper 45° Elbow
2", 2-1/2", 3", 4", 5", 6", 8"

Figure 6060 Grooved Copper Tee
2", 2-1/2", 3", 4", 5", 6", 8"

Figure 6074 Grooved Copper Cap
2", 2-1/2", 3", 4", 5", 6"

Figure 6061 Grooved Copper Reducing Tee
2-1/2" x 2", 3" x 2", 3" x 2-1/2", 4" x 2", 4" x 2-2/12",
4" x 3", 5" x 3", 5" x 4", 6" x 2-1/2", 6" x 3", 6" x 4", 6" x 5"

Figure 6072 Grooved Copper Concetric Reducer
2-1/2" x 2", 3" x 2", 3" x 2-1/2", 4" x 2", 4" x 2-1/2", 4" x 3",
5" x 3", 5" x 4", 6" x 3", 6" x 4", 6" x 5", 6" x 6"

Figure 6400 Rigid Copper Coupling



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2", 2-1/2", 3", 4", 5", 6", 8"

Figure 6400 C6 Flush Gasket
2", 2-1/2", 3", 4", 5", 6", 8"

Figure 6402 Copper Coupling
2", 2-1/2", 3", 4", 5", 6"

Figure 6084 Flange Adapter
2", 2-1/2", 3", 4", 5", 6"

Figure 6064 Copper Reducing Tee - Groove x Cup
2" x 3/4", 2" x 1", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 3/4",
2-1/2" x 1", 2-1/2" x 1-1/4", 2-1/2" x 1-1/2", 3" x 3/4",
3" x 1", 3" x 1-1/4", 3" x 1-1/2", 4" x 3/4", 4" x 1",
4" x 1-1/4", 4" x 1-1/2"

Figure 6075 Copper Concentric Reducer - Groove x Cup
2" x 1", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 1", 2-1/2" x 1-1/4",
2-1/2" x 1-1/2", 2-1/2" x 2", 3" x 1-1/2", 3" x 2", 4" x 2"