

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.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: August 2018

Void After: August 2019

Product: Metallic Fittings for use on Gas SDR Pipe & Tubing

File No. 7878

Issued To: Chicago Fittings Corporation
3170 Colley Road
Beloit, WI 53511

Identification: Manufacturer's name or trademark, size followed by "IPS" or "CTS" designation, SDR or wall thickness range, ASTM F1948, date or lot code identification, "GAS", CAT1, CAT2, or CAT3, and the UPC® certification mark.

Characteristics: Metallic Mechanical fittings for use with IAPMO listed Gas Piping System components. To be installed in accordance to the manufacturer's instructions and 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):

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

Products are in compliance with the following standard(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. This document shall be reproduced in its entirety.



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ASTM F1948-2015



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MODELS:

<u>Model No.</u>	<u>Description</u>
M697C1S062	1/2" CTS 0.062" 1/2"
M697C1S090	1/2" CTS 0.090" 1/2"
M697C2S062	1/2" CTS 0.062" 3/4"
M697C2S090	1/2" CTS 0.090" 3/4"
M697C3S062	1/2" CTS 0.062" 1"
M697C3S090	1/2" CTS 0.090" 1"
M697C32S095	3/4" IPS 0.095" 3/4"
M697C42S090	1" CTS 0.090" 3/4"
M697C42S100	1" CTS 0.100" 3/4"
M697C43S090	1" CTS 0.090" 1"
M697C43S100	1" CTS 0.100" 1"
M697C74S151	1 1/4" IPS 0.151" 1 1/4"
M697C74S166	1 1/4" IPS 0.166" 1 1/4"
M697C76S151	1 1/4" IPS 0.151" 2"
M697C76S166	1 1/4" IPS 0.166" 2"

<u>Model No.</u>	<u>Description</u>
M750DC23S062	5/8" OD 1/2" CTS 0.062"
M750DC23S090	5/8" OD 1/2" CTS 0.090"
M750DC33S062	1/2" IPS 1/2" CTS 0.062"
M750DC33S090	1/2" IPS 1/2" CTS 0.090"
M750DC53S062	3/4" IPS 1/2" CTS 0.062"
M750DC53S090	3/4" IPS 1/2" CTS 0.090"
M750DC55S077	3/4" IPS 3/4" CTS 0.077"
M750DC55S090	3/4" IPS 3/4" CTS 0.090"
M750DC57S090	3/4" IPS 1" CTS 0.090"
M750DC57S100	3/4" IPS 1" CTS 0.100"
M750DC73S062	1" IPS 1/2" CTS 0.062"
M750DC73S090	1" IPS 1/2" CTS 0.090"
M750DC74S090	1" IPS 1/2" IPS 0.090"
M750DC75S077	1" IPS 3/4" CTS 0.077"
M750DC75S090	1" IPS 3/4" CTS 0.090"
M750DC76S095	1" IPS 3/4" IPS 0.095"
M750DC77S090	1" IPS 1" CTS 0.090"
M750DC77S100	1" IPS 1" CTS 0.100"
M750DC78S119	1" IPS 1" IPS 0.119"
M750DC93S062	1 1/4" IPS 1/2" CTS 0.062"
M750DC93S090	1 1/4" IPS 1/2" CTS 0.090"
M750DC94S090	1 1/4" IPS 1/2" IPS 0.090"
M750DC95S077	1 1/4" IPS 3/4" CTS 0.077"
M750DC95S090	1 1/4" IPS 3/4" CTS 0.090"
M750DC96S095	1 1/4" IPS 3/4" IPS 0.095"
M750DC97S090	1 1/4" IPS 1" CTS 0.090"
M750DC97S100	1 1/4" IPS 1" CTS 0.100"
M750DC98S090	1 1/4" IPS 1 1/4" CTS 0.090"



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M750DC98S121	1 1/4" IPS 1 1/4" CTS 0.121"
M750DC99S151	1 1/4" IPS 1 1/4" IPS 0.151"
M750DC99S166	1 1/4" IPS 1 1/4" IPS 0.166"
M750DC106S095	1 1/2" IPS 3/4" IPS 0.095"
M750DC107S090	1 1/2" IPS 1" CTS 0.090"
M750DC107S100	1 1/2" IPS 1" CTS 0.100"
M750DC108S090	1 1/2" IPS 1 1/4" CTS 0.090"
M750DC108S121	1 1/2" IPS 1 1/4" CTS 0.121"
M750DC109S151	1 1/2" IPS 1 1/4" IPS 0.151"
M750DC109S166	1 1/2" IPS 1 1/4" IPS 0.166"
M750DC110S173	1 1/2" IPS 1 1/2" IPS 0.173"
M750DC116S095	2" IPS 3/4" IPS 0.095"
M750DC117S090	2" IPS 1" CTS 0.090"
M750DC117S100	2" IPS 1" CTS 0.100"
M750DC118S090	2" IPS 1 1/4" CTS 0.090"
M750DC118S121	2" IPS 1 1/4" CTS 0.121"
M750DC119S151	2" IPS 1 1/4" IPS 0.151"
M750DC119S166	2" IPS 1 1/4" IPS 0.166"
M750DC120S173	2" IPS 1 1/2" IPS 0.173"
M750DC121S216	2" IPS 2" IPS 0.216"

<u>Model No.</u>	<u>Description</u>
M750C10	1/2" CTS 0.090" 1/2" CTS 0.090"
M750C13	1/2" IPS 0.090" 1/2" IPS 0.090"
M750C14	3/4" CTS 0.090" 3/4" CTS 0.090"
M750C17	3/4" IPS 0.095" 3/4" IPS 0.095"
M750C18	1" CTS 0.090" 1" CTS 0.090"
M750C18-100	1" CTS 0.100" 1" CTS 0.100"
M750C21	1" IPS 0.119" 1" IPS 0.119"
M750C22	1 1/4" CTS 0.090" 1 1/4" CTS 0.090"
M750C27	1 1/4" IPS 0.151" 1 1/4" IPS 0.151"
M750C27-166	1 1/4" IPS 0.166" 1 1/4" IPS 0.166"
M750C31	1 1/2" IPS 0.173" 1 1/2" IPS 0.173"
M750C38	2" IPS 0.216" 2" IPS 0.216"

<u>Model No.</u>	<u>Description</u>
M750D8-8	1/2" OD 1/2" OD
M750D10-8	5/8" OD 1/2" OD
M750D10-10	5/8" OD 5/8" OD
M750D13-10	1/2" IPS 5/8" OD
M750D13-13	1/2" IPS 1/2" IPS
M750D17-13	3/4" IPS 1/2" IPS
M750D17-17	3/4" IPS 3/4" IPS
M750D21-13	1" IPS 1/2" IPS
M750D21-17	1" IPS 3/4" IPS
M750D21-21	1" IPS 1" IPS
M750D27-13	1 1/4" IPS 1/2" IPS
M750D27-17	1 1/4" IPS 3/4" IPS



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M750D27-21	1 1/4" IPS 1" IPS
M750D27-27	1 1/4" IPS 1 1/4" IPS
M750D31-13	1 1/2" IPS 1/2" IPS
M750D31-17	1 1/2" IPS 3/4" IPS
M750D31-21	1 1/2" IPS 1" IPS
M750D31-27	1 1/2" IPS 1 1/4" IPS
M750D31-31	1 1/2" IPS 1 1/2" IPS
M750D38-13	2" IPS 1/2" IPS
M750D38-17	2" IPS 3/4" IPS
M750D38-21	2" IPS 1" IPS
M750D38-27	2" IPS 1 1/4" IPS
M750D38-31	2" IPS 1 1/2" IPS
M750D38-38	2" IPS 2" IPS

<u>Model No.</u>	<u>Description</u>
M755C10	1/2" CTS
M755D13	1/2" IPS
M755C14	3/4" CTS
M755D17	3/4" IPS
M755C18	1" CTS
M755D21	1" IPS
M755C22	1" CTS
M755D27	1 1/4" IPS
M755D31	1 1/2" IPS
M755D38	2" IPS

<u>Model No.</u>	<u>Description</u>
X2536	1/2" CTS 0.090" 1/2" 3/4"
X2706	1/2" CTS 0.090" 3/4" 3/4"
X2500-17-12	3/4" IPS 0.095" 3/4" 1 1/4"

<u>Model No.</u>	<u>Description</u>
X2537SW	1/2" CTS 0.090" 1/2" 3/4"
X2707SW	1/2" CTS 0.090" 3/4" 3/4"

<u>Model No.</u>	<u>Description</u>
XR-10x-xx-xx-x-xxx	1/2" CTS Flex Riser
RXR-10x-xx-xx-xx-x-xxx	1/2" CTS Semi-Rigid Riser
XR-13x-xx-xx-x-xxx	1/2" IPS Flex Riser
RXR-13x-xx-xx-xx-x-xxx	1/2" IPS Semi-Rigid Riser
XR-14x-xx-xx-x-xxx	3/4" CTS Flex Riser
RXR-14x-xx-xx-xx-x-xxx	3/4" CTS Semi-Rigid Riser
XR-17x-xx-xx-x-xxx	3/4" IPS Flex Riser
RXR-17x-xx-xx-xx-x-xxx	3/4" IPS Semi-Rigid Riser
XR-18x-xx-xx-x-xxx	1" CTS Flex Riser
RXR-18x-xx-xx-xx-x-xxx	1" CTS Semi-Rigid Riser
XR-21x-xx-xx-x-xxx	1" IPS Flex Riser
RXR-21x-xx-xx-xx-x-xxx	1" IPS Semi-Rigid Riser



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XR-22x-xx-xx-x-xxx	1 1/4" CTS Flex Riser
RXR-22x-xx-xx-xx-x-xxx	1 1/4" CTS Semi-Rigid Riser
XR-27x-xx-xx-x-xxx	1 1/4" IPS Flex Riser
RXR-27x-xx-xx-xx-x-xxx	1 1/4" IPS Semi-Rigid Riser
XR-31x-xx-xx-x-xxx	1 1/2" IPS Flex Riser
RXR-31x-xx-xx-xx-x-xxx	1 1/2" IPS Semi-Rigid Riser
XR-38x-xx-xx-x-xxx	2" IPS Flex Riser
RXR-38x-xx-xx-xx-x-xxx	2" IPS Semi-Rigid Riser

<u>Model No.</u>	<u>Description</u>
85C1-062	1/2" CTS .062" 3/4" 3/4"
85C1-090	1/2" CTS .090" 3/4" 3/4"
85C2-062	1/2" CTS .062" 3/4" 1"
85C2-090	1/2" CTS .090" 3/4" 1"
85C3-062	1/2" CTS .062" 3/4" 1-1/4"
85C3-090	1/2" CTS .090" 3/4" 1-1/4"
85C4-062	1/2" CTS .062" 3/4" 1-1/2"
85C4-090	1/2" CTS .090" 3/4" 1-1/2"
85C5-062	1/2" CTS .062" 1" 3/4"
85C5-090	1/2" CTS .090" 1" 3/4"
85C6-062	1/2" CTS .062" 1" 1"
85C6-090	1/2" CTS .090" 1" 1"
85C22-090	1/2" IPS .090" 3/4" 1"
85C23-090	1/2" IPS .090" 3/4" 1-1/4"
85C24-090	1/2" IPS .090" 3/4" 1-1/2"
85C26-090	1/2" IPS .090" 1" 1"
85C27-090	1/2" IPS .090" 1" 1-1/4"
85C28-090	1/2" IPS .090" 1" 1-1/2"
85C44-080	3/4" CTS .080" 3/4" 1"
85C44-090	3/4" CTS .090" 3/4" 1"
85C45-080	3/4" CTS .080" 3/4" 1 1/4"
85C45-090	3/4" CTS .090" 3/4" 1 1/4"
85C46-080	3/4" CTS .080" 1" 1"
85C46-090	3/4" CTS .090" 1" 1"
85C47-080	3/4" CTS .080" 1" 1 1/4"
85C47-090	3/4" CTS .090" 1" 1 1/4"
85C49-080	3/4" CTS .080" 1-1/4" 1"
85C49-090	3/4" CTS .090" 1-1/4" 1"
85C50-080	3/4" CTS .080" 1-1/4" 1-1/4"
85C50-090	3/4" CTS .090" 1-1/4" 1-1/4"
85C54-080	3/4" CTS .080" 1-1/2" 1-1/2"
85C54-090	3/4" CTS .090" 1-1/2" 1-1/2"
85C63-095	3/4" IPS .095" 3/4" 1-1/4"
85C67-095	3/4" IPS .095" 1" 1-1/4"
85C70-095	3/4" IPS .095" 1-1/4" 1-1/4"
85C83-090	1" CTS .090" 3/4" 1-1/4"
85C83-100	1" CTS .100" 3/4" 1-1/4"
85C87-090	1" CTS .090" 1" 1-1/4"



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85C87-100	1" CTS .100" 1" 1-1/4"
85C88-090	1" CTS .090" 1" 1-1/2"
85C88-100	1" CTS .100" 1" 1-1/2"
85C90-090	1" CTS .090" 1-1/4" 1-1/4"
85C90-100	1" CTS .100" 1-1/4" 1-1/4"
85C91-090	1" CTS .090" 1-1/4" 1-1/2"
85C91-100	1" CTS .100" 1-1/4" 1-1/2"
85C94-090	1" CTS .090" 1-1/2" 1-1/4"
85C94-100	1" CTS .100" 1-1/2" 1-1/4"
85C95-090	1" CTS .090" 1-1/2" 1-1/2"
85C95-100	1" CTS .100" 1-1/2" 1-1/2"
X2615	1"IPS .119" 1" 1-1/2"
85C113-090	1 1/4" CTS .090" 1-1/4" 1 1/2"
85C113-121	1 1/4" CTS .121" 1-1/4" 1 1/2"
85C114-090	1 1/4" CTS .090" 1-1/4" 2"
85C114-121	1 1/4" CTS .121" 1-1/4" 2"
85C115-090	1 1/4" CTS .090" 1-1/2" 1 1/2"
85C115-121	1 1/4" CTS .121" 1-1/2" 1 1/2"
85C116-090	1 1/4" CTS .090" 1-1/2" 2"
85C116-121	1 1/4" CTS .121" 1-1/2" 2"
85C117-090	1 1/4" CTS .090" 2" 2"
85C117-121	1 1/4" CTS .121" 2" 2"
85C132-151	1 1/4" IPS .151" 1-1/4" 2"
85C132-166	1 1/4" IPS .166" 1-1/4" 2"
85C135-151	1 1/4" IPS .151" 1-1/2" 2"
85C135-166	1 1/4" IPS .166" 1-1/2" 2"
85C139-151	1 1/4" IPS .151" 2" 2"
85C139-166	1 1/4" IPS .166" 2" 2"
85C180-216	2" IPS .216" 2" 3"

<u>Model No.</u>	<u>Description</u>
87C21-17-10L090	1/2" CTS .090" 1" 3/4"
87C21-21-10L090	1/2" CTS .090" 1" 1"
87C21-27-10L090	1/2" CTS .090" 1" 1 1/4"
87C27-17-10L090	1/2" CTS .090" 1 1/4" 3/4"
87C27-21-10L090	1/2" CTS .090" 1 1/4" 1"
87C27-27-10L090	1/2" CTS .090" 1 1/4" 1 1/4"
87C31-17-10L090	1/2" CTS .090" 1 1/2" 3/4"
87C31-21-10L090	1/2" CTS .090" 1 1/2" 1"
87C31-27-10L090	1/2" CTS .090" 1 1/2" 1 1/4"
87C31-27-18L090	1" CTS .090" 1 1/2" 1 1/4"
87C31-27-18L100	1" CTS .100" 1 1/2" 1 1/4"
87C31-27-18L121	1" CTS .121" 1 1/2" 1 1/4"
87C31-31-18L090	1" CTS .090" 1 1/2" 1 1/2"
87C31-31-18L100	1" CTS .100" 1 1/2" 1 1/2"
87C31-31-18L121	1" CTS .121" 1 1/2" 1 1/2"
87C31-38-18L090	1" CTS .090" 1 1/2" 2"
87C31-38-18L100	1" CTS .100" 1 1/2" 2"



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87C31-38-18L121	1" CTS .121" 1 1/2" 2"
87C38-27-18L090	1" CTS .090" 2" 1 1/4"
87C38-27-18L100	1" CTS .100" 2" 1 1/4"
87C38-27-18L121	1" CTS .121" 2" 1 1/4"
87C38-31-18L090	1" CTS .090" 2" 1 1/2"
87C38-31-18L100	1" CTS .100" 2" 1 1/2"
87C38-31-18L121	1" CTS .121" 2" 1 1/2"
87C38-38-18L090	1" CTS .090" 2" 2"
87C38-38-18L100	1" CTS .100" 2" 2"
87C38-38-18L121	1" CTS .121" 2" 2"
87C38-31-22L090	1 1/4" CTS .090" 2" 1 1/2"
87C38-31-22L121	1 1/4" CTS .121" 2" 1 1/2"
87C38-38-22L090	1 1/4" CTS .090" 2" 2"
87C38-38-22L121	1 1/4" CTS .121" 2" 2"

<u>Model No.</u>	<u>Description</u>
89C1-062	1/2" CTS .062" 3/4" 3/4"
89C1-090	1/2" CTS .090" 3/4" 3/4"
89C44-080	3/4" CTS .080" 3/4" 1"
89C44-090	3/4" CTS .090" 3/4" 1"
89C90-090	1" CTS .090" 1-1/4" 1-1/4"
89C90-100	1" CTS .100" 1-1/4" 1-1/4"
89C113-090	1 1/4" CTS .090" 1-1/4" 1 1/2"
89C113-121	1 1/4" CTS .121" 1-1/4" 1 1/2"
89C115-090	1 1/4" CTS .090" 1-1/2" 1 1/2"
89C115-121	1 1/4" CTS .121" 1-1/2" 1 1/2"

<u>Model No.</u>	<u>Description</u>
91C1-062	1/2" CTS .062" 3/4" 3/4"
91C1-090	1/2" CTS .090" 3/4" 3/4"
91C44-080	3/4" CTS .080" 3/4" 1"
91C44-090	3/4" CTS .090" 3/4" 1"
91C91-090	1" CTS .090" 1-1/4" 1-1/4"
91C91-100	1" CTS .100" 1-1/4" 1-1/4"
91C113-090	1 1/4" CTS .090" 1-1/4" 1 1/2"
91C113-121	1 1/4" CTS .121" 1-1/4" 1 1/2"
91C115-090	1 1/4" CTS .090" 1-1/2" 1 1/2"
91C115-121	1 1/4" CTS .121" 1-1/2" 1 1/2"

<u>Model No.</u>	<u>Description</u>
M557C2S062	1/2" CTS 0.062" 3/4"
M557C2S090	1/2" CTS 0.090" 3/4"
M557C3S062	1/2" CTS 0.062" 1"
M557C3S090	1/2" CTS 0.090" 1"
M557C12S090	1/2" IPS 0.090" 3/4"
M557C23S090	3/4" CTS 0.090" 1"
M557C32S095	3/4" IPS 0.095" 3/4"
M557C33S095	3/4" IPS 0.095" 1"



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M557C43S090	1" CTS 0.090" 1"
M557C43S100	1" CTS 0.100" 1"
M557C44S090	1" CTS 0.090" 1 1/4"
M557C44S100	1" CTS 0.100" 1 1/4"
M557C45S090	1" CTS 0.090" 1 1/2"
M557C45S100	1" CTS 0.100" 1 1/2"
M557C64S090	1 1/4" CTS 0.090" 1 1/4"
M557C64S121	1 1/4" CTS 0.121" 1 1/4"
M557C65S090	1 1/4" CTS 0.090" 1 1/2"
M557C65S121	1 1/4" CTS 0.121" 1 1/2"
M557C66S090	1 1/4" CTS 0.090" 2"
M557C66S121	1 1/4" CTS 0.121" 2"

<u>Model No.</u>	<u>Description</u>
M575C2S062	1/2" CTS 0.062" 3/4"
M575C2S090	1/2" CTS 0.090" 3/4"
M575C3S062	1/2" CTS 0.062" 1"
M575C3S090	1/2" CTS 0.090" 1"
M575C12S090	1/2" IPS 0.090" 3/4"
M575C23S090	3/4" CTS 0.090" 1"
M575C32S095	3/4" IPS 0.095" 3/4"
M575C33S095	3/4" IPS 0.095" 1"
M575C42S090	1" CTS 0.090" 3/4"
M575C42S100	1" CTS 0.100" 3/4"
M575C43S090	1" CTS 0.090" 1"
M575C43S100	1" CTS 0.100" 1"
M575C44S090	1" CTS 0.090" 1 1/4"
M575C44S100	1" CTS 0.100" 1 1/4"
M575C45S090	1" CTS 0.090" 1 1/2"
M575C45S100	1" CTS 0.100" 1 1/2"
M575C64S090	1 1/4" CTS 0.090" 1 1/4"
M575C64S121	1 1/4" CTS 0.121" 1 1/4"
M575C65S090	1 1/4" CTS 0.090" 1 1/2"
M575C65S121	1 1/4" CTS 0.121" 1 1/2"
M575C66S090	1 1/4" CTS 0.090" 2"
M575C66S121	1 1/4" CTS 0.121" 2"

<u>Model No.</u>	<u>Description</u>
M597C1S062	1/2" CTS 0.062" 1/2"
M597C1S090	1/2" CTS 0.090" 1/2"
M597C2S062	1/2" CTS 0.062" 3/4"
M597C2S090	1/2" CTS 0.090" 3/4"
M597C3S062	1/2" CTS 0.062" 1"
M597C3S090	1/2" CTS 0.090" 1"
M597C11S090	1/2" IPS 0.090" 1/2"
M597C12S090	1/2" IPS 0.090" 3/4"
M597C13S090	1/2" IPS 0.090" 1"
M597C22S090	3/4" CTS 0.090" 3/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Void After: August 2019

Product: Metallic Fittings for use on Gas SDR Pipe & Tubing

File No. 7878

Issued To: Chicago Fittings Corporation

M597C23S090	3/4" CTS 0.090" 1"
M597C32S095	3/4" IPS 0.095" 3/4"
M597C33S095	3/4" IPS 0.095" 1"
M597C42S090	1" CTS 0.090" 3/4"
M597C42S100	1" CTS 0.100" 3/4"
M597C43S090	1" CTS 0.090" 1"
M597C43S100	1" CTS 0.100" 1"
M597C44S090	1" CTS 0.090" 1 1/4"
M597C44S100	1" CTS 0.100" 1 1/4"
M597C45S090	1" CTS 0.090" 1 1/2"
M597C45S100	1" CTS 0.100" 1 1/2"
M597C52S119	1" IPS 0.119" 3/4"
M597C53S119	1" IPS 0.119" 1"
M597C54S119	1" IPS 0.119" 1 1/4"
M597C55S119	1" IPS 0.119" 1 1/2"
M597C64S090	1 1/4" CTS 0.090" 1 1/4"
M597C64S121	1 1/4" CTS 0.121" 1 1/4"
M597C65S090	1 1/4" CTS 0.090" 1 1/2"
M597C65S121	1 1/4" CTS 0.121" 1 1/2"
M597C66S090	1 1/4" CTS 0.090" 2"
M597C66S121	1 1/4" CTS 0.121" 2"
M597C73S151	1 1/4" IPS 0.151" 1"
M597C73S166	1 1/4" IPS 0.166" 1"
M597C74S151	1 1/4" IPS 0.151" 1 1/4"
M597C74S166	1 1/4" IPS 0.166" 1 1/4"
M597C75S151	1 1/4" IPS 0.151" 1 1/2"
M597C75S166	1 1/4" IPS 0.166" 1 1/2"
M597C81S173	1 1/2" IPS 0.173" 1 1/4"
M597C82S173	1 1/2" IPS 0.173" 1 1/2"
M597C83S173	1 1/2" IPS 0.173" 2"
M597C95S216	2" IPS 0.216" 1 1/2"
M597C96S216	2" IPS 0.216" 2"