



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

DIXON

STATUTORY DECLARATION Registration of Fittings

I, Cam Thang, Vice President, Accounting
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Dixon Group Canada Limited
(Name of Manufacturer)

Located at 2200 Logan Ave, Winnipeg, MB R2R 0J2 (Plant Address) (204)633-5650 (Telephone No.) (204)633-6119 (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME BPE - Bioprocessing Equipment

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO9001:2008 which has been verified by the following authority, QUASAR

The items covered by this declaration, for which I seek registration, are category A type fittings. In support of this application, the following information and/or test data are attached as follows:

Dixon BioPharm Line Products, DGCL2016 Page 650, 651, 652, 653, 654, 655, 656, 657, 658, 659; Drawings

(drawings, calculations, test reports, etc.)

Declared before me at WINNIPEG in the PROVINCE of MANITOBA

the 1ST day of AUGUST 2017

Commissioner for Oaths: NOTARY PUBLIC

STEVEN ZANE RABER
(Printed name)

[Signature]
(Signature)

[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category A

CRN: 0A19715.5

Registered by: RUMING YOU

Dated: OCT. 16. 2017

NOTE: This registration expires on: OCT. 16. 2027

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

CRN: 0A19715.5

Signed: [Signature]

Date: OCT. 16. 2017

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

PV 09553 (04/17) **NOTE: SEE ALSO 8 PAGES SCOPE OF REGISTRATION ATTACHED. 10/14/17**

Scope of Registration

Dixon Group Canada – Bio-pharm Line Products

Dixon Bio-pharm line products are designed to comply with ASME BPE –

Catalog Page: DGCL 2016, Page 650 – 659

Material: Stainless Steel 304, Stainless Steel 316L.



ASME BPE - Table DT-2-1 Metallic Hygienic Unions: Rated Internal Working Pressure

| Temperature | | <3 in. Clamp | | 3 in. Clamp | | 4 in. Clamp | | 6 in. Clamp | |
|-------------|-----|--------------|-------|-------------|-------|-------------|-------|-------------|-------|
| °F | °C | Psig | kPa | Psig | kPa | Psig | kPa | Psig | kPa |
| 100 | 38 | 200 | 1 379 | 200 | 1 379 | 200 | 1 379 | 150 | 1 034 |
| 250 | 121 | 165 | 1 138 | 150 | 1 034 | 125 | 862 | 75 | 517 |

| Part No. | Description | Drawing No. | Part# | Description | Drawing No. |
|-------------|------------------|-------------|-------------|------------------|--------------|
| T2S-050PL | 90° Weld Elbow | T2S | T2CMP-075PL | 90° Clamp Elbow | T2CMP |
| T2S-075PL | 90° Weld Elbow | T2S | T2CMP-100PL | 90° Clamp Elbow | T2CMP |
| T2S-100PL | 90° Weld Elbow | T2S | T2CMP-150PL | 90° Clamp Elbow | T2CMP |
| T2S-150PL | 90° Weld Elbow | T2S | T2CMP-200PL | 90° Clamp Elbow | T2CMP |
| T2S-200PL | 90° Weld Elbow | T2S | T2CMP-250PL | 90° Clamp Elbow | T2CMP |
| T2S-250PL | 90° Weld Elbow | T2S | T2CMP-300PL | 90° Clamp Elbow | T2CMP |
| T2S-300PL | 90° Weld Elbow | T2S | T2CMP-400PL | 90° Clamp Elbow | T2CMP |
| T2S-400PL | 90° Weld Elbow | T2S | T2CMP-600PL | 90° Clamp Elbow | T2CMP 6 INCH |
| T2S-600PL | 90° Weld Elbow | T2S-600 | T2CMP-050PM | 90° Clamp Elbow | T2CMP |
| T2S-050PM | 90° Weld Elbow | T2S | T2CMP-075PM | 90° Clamp Elbow | T2CMP |
| T2S-075PM | 90° Weld Elbow | T2S | T2CMP-100PM | 90° Clamp Elbow | T2CMP |
| T2S-100PM | 90° Weld Elbow | T2S | T2CMP-150PM | 90° Clamp Elbow | T2CMP |
| T2S-150PM | 90° Weld Elbow | T2S | T2CMP-200PM | 90° Clamp Elbow | T2CMP |
| T2S-200PM | 90° Weld Elbow | T2S | T2CMP-250PM | 90° Clamp Elbow | T2CMP |
| T2S-250PM | 90° Weld Elbow | T2S | T2CMP-300PM | 90° Clamp Elbow | T2CMP |
| T2S-300PM | 90° Weld Elbow | T2S | T2CMP-400PM | 90° Clamp Elbow | T2CMP |
| T2S-400PM | 90° Weld Elbow | T2S | T2CMP-600PM | 90° Clamp Elbow | T2CMP 6 INCH |
| T2S-600PM | 90° Weld Elbow | T2S-600 | T2KS-050PL | 45° Weld Elbow | T2KS |
| T2CM-050PL | 90° Clamp x Weld | T2CM | T2KS-075PL | 45° Weld Elbow | T2KS |
| T2CM-075PL | 90° Clamp x Weld | T2CM | T2KS-100PL | 45° Weld Elbow | T2KS |
| T2CM-100PL | 90° Clamp x Weld | T2CM | T2KS-150PL | 45° Weld Elbow | T2KS |
| T2CM-150PL | 90° Clamp x Weld | T2CM | T2KS-200PL | 45° Weld Elbow | T2KS |
| T2CM-200PL | 90° Clamp x Weld | T2CM | T2KS-250PL | 45° Weld Elbow | T2KS |
| T2CM-250PL | 90° Clamp x Weld | T2CM | T2KS-300PL | 45° Weld Elbow | T2KS |
| T2CM-300PL | 90° Clamp x Weld | T2CM | T2KS-400PL | 45° Weld Elbow | T2KS |
| T2CM-400PL | 90° Clamp x Weld | T2CM | T2KS-600PL | 45° Weld Elbow | T2KS |
| T2CM-600PL | 90° Clamp x Weld | T2CM | T2KS-050PM | 45° Weld Elbow | T2KS |
| T2CM-050PM | 90° Clamp x Weld | T2CM | T2KS-075PM | 45° Weld Elbow | T2KS |
| T2CM-075PM | 90° Clamp x Weld | T2CM | T2KS-100PM | 45° Weld Elbow | T2KS |
| T2CM-100PM | 90° Clamp x Weld | T2CM | T2KS-150PM | 45° Weld Elbow | T2KS |
| T2CM-150PM | 90° Clamp x Weld | T2CM | T2KS-200PM | 45° Weld Elbow | T2KS |
| T2CM-200PM | 90° Clamp x Weld | T2CM | T2KS-250PM | 45° Weld Elbow | T2KS |
| T2CM-250PM | 90° Clamp x Weld | T2CM | T2KS-300PM | 45° Weld Elbow | T2KS |
| T2CM-300PM | 90° Clamp x Weld | T2CM | T2KS-400PM | 45° Weld Elbow | T2KS |
| T2CM-400PM | 90° Clamp x Weld | T2CM | T2KS-600PM | 45° Weld Elbow | T2KS |
| T2CM-600PM | 90° Clamp x Weld | T2CM | T2KM-050PL | 45° Clamp x Weld | T2KM |
| T2CMP-050PL | 90° Clamp Elbow | T2CMP | T2KM-075PL | 45° Clamp x Weld | T2KM |

| Part No. | Description | Drawing No. | Part# | Description | Drawing No. |
|-----------------|------------------|--------------|-----------------|---------------|-------------|
| T2KM-100PL | 45° Clamp x Weld | T2KM | T7RWWW-150075PL | Weld Reducing | T7RWWW |
| T2KM-150PL | 45° Clamp x Weld | T2KM | T7RWWW-150100PL | Weld Reducing | T7RWWW |
| T2KM-200PL | 45° Clamp x Weld | T2KM | T7RWWW-200050PL | Weld Reducing | T7RWWW |
| T2KM-250PL | 45° Clamp x Weld | T2KM | T7RWWW-200075PL | Weld Reducing | T7RWWW |
| T2KM-300PL | 45° Clamp x Weld | T2KM | T7RWWW-200100PL | Weld Reducing | T7RWWW |
| T2KM-400PL | 45° Clamp x Weld | T2KM | T7RWWW-200150PL | Weld Reducing | T7RWWW |
| T2KM-600PL | 45° Clamp x Weld | T2KM 6 INCH | T7RWWW-250075PL | Weld Reducing | T7RWWW |
| T2KM-050PM | 45° Clamp x Weld | T2KM | T7RWWW-250100PL | Weld Reducing | T7RWWW |
| T2KM-075PM | 45° Clamp x Weld | T2KM | T7RWWW-250150PL | Weld Reducing | T7RWWW |
| T2KM-100PM | 45° Clamp x Weld | T2KM | T7RWWW-250200PL | Weld Reducing | T7RWWW |
| T2KM-150PM | 45° Clamp x Weld | T2KM | T7RWWW-300050PL | Weld Reducing | T7RWWW |
| T2KM-200PM | 45° Clamp x Weld | T2KM | T7RWWW-300075PL | Weld Reducing | T7RWWW |
| T2KM-250PM | 45° Clamp x Weld | T2KM | T7RWWW-300100PL | Weld Reducing | T7RWWW |
| T2KM-300PM | 45° Clamp x Weld | T2KM | T7RWWW-300150PL | Weld Reducing | T7RWWW |
| T2KM-400PM | 45° Clamp x Weld | T2KM | T7RWWW-300200PL | Weld Reducing | T7RWWW |
| T2KM-600PM | 45° Clamp x Weld | T2KM 6 INCH | T7RWWW-300250PL | Weld Reducing | T7RWWW |
| T2KMP-050PL | 45° Clamp Elbow | T2KMP | T7RWWW-400050PL | Weld Reducing | T7RWWW |
| T2KMP-075PL | 45° Clamp Elbow | T2KMP | T7RWWW-400075PL | Weld Reducing | T7RWWW |
| T2KMP-100PL | 45° Clamp Elbow | T2KMP | T7RWWW-400100PL | Weld Reducing | T7RWWW |
| T2KMP-150PL | 45° Clamp Elbow | T2KMP | T7RWWW-400150PL | Weld Reducing | T7RWWW |
| T2KMP-200PL | 45° Clamp Elbow | T2KMP | T7RWWW-400200PL | Weld Reducing | T7RWWW |
| T2KMP-250PL | 45° Clamp Elbow | T2KMP | T7RWWW-400250PL | Weld Reducing | T7RWWW |
| T2KMP-300PL | 45° Clamp Elbow | T2KMP | T7RWWW-400300PL | Weld Reducing | T7RWWW |
| T2KMP-400PL | 45° Clamp Elbow | T2KMP | T7RWWW-600300PL | Weld Reducing | T7RWWW |
| T2KMP-600PL | 45° Clamp Elbow | T2KMP 6 INCH | T7RWWW-600400PL | Weld Reducing | T7RWWW |
| T2KMP-050PM | 45° Clamp Elbow | T2KMP | T7RWWW-075050PM | Weld Reducing | T7RWWW |
| T2KMP-075PM | 45° Clamp Elbow | T2KMP | T7RWWW-100050PM | Weld Reducing | T7RWWW |
| T2KMP-100PM | 45° Clamp Elbow | T2KMP | T7RWWW-100075PM | Weld Reducing | T7RWWW |
| T2KMP-150PM | 45° Clamp Elbow | T2KMP | T7RWWW-150050PM | Weld Reducing | T7RWWW |
| T2KMP-200PM | 45° Clamp Elbow | T2KMP | T7RWWW-150075PM | Weld Reducing | T7RWWW |
| T2KMP-250PM | 45° Clamp Elbow | T2KMP | T7RWWW-150100PM | Weld Reducing | T7RWWW |
| T2KMP-300PM | 45° Clamp Elbow | T2KMP | T7RWWW-200050PM | Weld Reducing | T7RWWW |
| T2KMP-400PM | 45° Clamp Elbow | T2KMP | T7RWWW-200075PM | Weld Reducing | T7RWWW |
| T2KMP-600PM | 45° Clamp Elbow | T2KMP 6 INCH | T7RWWW-200100PM | Weld Reducing | T7RWWW |
| T7WWW-050PL | Weld Tee | T7WWW | T7RWWW-200150PM | Weld Reducing | T7RWWW |
| T7WWW-075PL | Weld Tee | T7WWW | T7RWWW-250075PM | Weld Reducing | T7RWWW |
| T7WWW-100PL | Weld Tee | T7WWW | T7RWWW-250100PM | Weld Reducing | T7RWWW |
| T7WWW-150PL | Weld Tee | T7WWW | T7RWWW-250150PM | Weld Reducing | T7RWWW |
| T7WWW-200PL | Weld Tee | T7WWW | T7RWWW-250200PM | Weld Reducing | T7RWWW |
| T7WWW-250PL | Weld Tee | T7WWW | T7RWWW-300050PM | Weld Reducing | T7RWWW |
| T7WWW-300PL | Weld Tee | T7WWW | T7RWWW-300075PM | Weld Reducing | T7RWWW |
| T7WWW-400PL | Weld Tee | T7WWW | T7RWWW-300100PM | Weld Reducing | T7RWWW |
| T7WWW-600PL | Weld Tee | T7WWW-600 | T7RWWW-300150PM | Weld Reducing | T7RWWW |
| T7WWW-050PM | Weld Tee | T7WWW | T7RWWW-300200PM | Weld Reducing | T7RWWW |
| T7WWW-075PM | Weld Tee | T7WWW | T7RWWW-300250PM | Weld Reducing | T7RWWW |
| T7WWW-100PM | Weld Tee | T7WWW | T7RWWW-400050PM | Weld Reducing | T7RWWW |
| T7WWW-150PM | Weld Tee | T7WWW | T7RWWW-400075PM | Weld Reducing | T7RWWW |
| T7WWW-200PM | Weld Tee | T7WWW | T7RWWW-400100PM | Weld Reducing | T7RWWW |
| T7WWW-250PM | Weld Tee | T7WWW | T7RWWW-400150PM | Weld Reducing | T7RWWW |
| T7WWW-300PM | Weld Tee | T7WWW | T7RWWW-400200PM | Weld Reducing | T7RWWW |
| T7WWW-400PM | Weld Tee | T7WWW | T7RWWW-400250PM | Weld Reducing | T7RWWW |
| T7WWW-600PM | Weld Tee | T7WWW-600 | T7RWWW-400300PM | Weld Reducing | T7RWWW |
| T7RWWW-075050PL | Weld Reducing | T7RWWW | T7RWWW-600300PM | Weld Reducing | T7RWWW |
| T7RWWW-100050PL | Weld Reducing | T7RWWW | T7RWWW-600400PM | Weld Reducing | T7RWWW |
| T7RWWW-100075PL | Weld Reducing | T7RWWW | T7WWM-050PL | Weld x Clamp | T7WWM |
| T7RWWW-150050PL | Weld Reducing | T7RWWW | T7WWM-075PL | Weld x Clamp | T7WWM |

| Part No. | Description | Drawing No. | Part# | Description | Drawing No. |
|----------------|----------------|-------------|----------------|------------------|---------------|
| T7WWM-100PL | Weld x Clamp | T7WWM | T7RMP-400075PL | Clamp Reducing | T7RMP |
| T7WWM-150PL | Weld x Clamp | T7WWM | T7RMP-400100PL | Clamp Reducing | T7RMP |
| T7WWM-200PL | Weld x Clamp | T7WWM | T7RMP-400150PL | Clamp Reducing | T7RMP |
| T7WWM-250PL | Weld x Clamp | T7WWM | T7RMP-400200PL | Clamp Reducing | T7RMP |
| T7WWM-300PL | Weld x Clamp | T7WWM | T7RMP-400250PL | Clamp Reducing | T7RMP |
| T7WWM-400PL | Weld x Clamp | T7WWM | T7RMP-400300PL | Clamp Reducing | T7RMP |
| T7WWM-600PL | Weld x Clamp | T7WWM | T7RMP-600300PL | Clamp Reducing | T7RMP |
| T7WWM-050PM | Weld x Clamp | T7WWM | T7RMP-600400PL | Clamp Reducing | T7RMP |
| T7WWM-075PM | Weld x Clamp | T7WWM | T7RMP-075050PM | Clamp Reducing | T7RMP |
| T7WWM-100PM | Weld x Clamp | T7WWM | T7RMP-100050PM | Clamp Reducing | T7RMP |
| T7WWM-150PM | Weld x Clamp | T7WWM | T7RMP-100075PM | Clamp Reducing | T7RMP |
| T7WWM-200PM | Weld x Clamp | T7WWM | T7RMP-150050PM | Clamp Reducing | T7RMP |
| T7WWM-250PM | Weld x Clamp | T7WWM | T7RMP-150075PM | Clamp Reducing | T7RMP |
| T7WWM-300PM | Weld x Clamp | T7WWM | T7RMP-150100PM | Clamp Reducing | T7RMP |
| T7WWM-400PM | Weld x Clamp | T7WWM | T7RMP-200050PM | Clamp Reducing | T7RMP |
| T7WWM-600PM | Weld x Clamp | T7WWM | T7RMP-200075PM | Clamp Reducing | T7RMP |
| T7MP-050PL | Clamp Tee | T7MP | T7RMP-200100PM | Clamp Reducing | T7RMP |
| T7MP-075PL | Clamp Tee | T7MP | T7RMP-200150PM | Clamp Reducing | T7RMP |
| T7MP-100PL | Clamp Tee | T7MP | T7RMP-250050PM | Clamp Reducing | T7RMP |
| T7MP-150PL | Clamp Tee | T7MP | T7RMP-250075PM | Clamp Reducing | T7RMP |
| T7MP-200PL | Clamp Tee | T7MP | T7RMP-250100PM | Clamp Reducing | T7RMP |
| T7MP-250PL | Clamp Tee | T7MP | T7RMP-250150PM | Clamp Reducing | T7RMP |
| T7MP-300PL | Clamp Tee | T7MP | T7RMP-250200PM | Clamp Reducing | T7RMP |
| T7MP-400PL | Clamp Tee | T7MP | T7RMP-300050PM | Clamp Reducing | T7RMP |
| T7MP-600PL | Clamp Tee | T7MP 6 INCH | T7RMP-300075PM | Clamp Reducing | T7RMP |
| T7MP-050PM | Clamp Tee | T7MP | T7RMP-300100PM | Clamp Reducing | T7RMP |
| T7MP-075PM | Clamp Tee | T7MP | T7RMP-300150PM | Clamp Reducing | T7RMP |
| T7MP-100PM | Clamp Tee | T7MP | T7RMP-300200PM | Clamp Reducing | T7RMP |
| T7MP-150PM | Clamp Tee | T7MP | T7RMP-300250PM | Clamp Reducing | T7RMP |
| T7MP-200PM | Clamp Tee | T7MP | T7RMP-400050PM | Clamp Reducing | T7RMP |
| T7MP-250PM | Clamp Tee | T7MP | T7RMP-400075PM | Clamp Reducing | T7RMP |
| T7MP-300PM | Clamp Tee | T7MP | T7RMP-400100PM | Clamp Reducing | T7RMP |
| T7MP-400PM | Clamp Tee | T7MP | T7RMP-400150PM | Clamp Reducing | T7RMP |
| T7MP-600PM | Clamp Tee | T7MP 6 INCH | T7RMP-400200PM | Clamp Reducing | T7RMP |
| T7RMP-075050PL | Clamp Reducing | T7RMP | T7RMP-400250PM | Clamp Reducing | T7RMP |
| T7RMP-100050PL | Clamp Reducing | T7RMP | T7RMP-400300PM | Clamp Reducing | T7RMP |
| T7RMP-100075PL | Clamp Reducing | T7RMP | T7RMP-600300PM | Clamp Reducing | T7RMP |
| T7RMP-150050PL | Clamp Reducing | T7RMP | T7RMP-600400PM | Clamp Reducing | T7RMP |
| T7RMP-150075PL | Clamp Reducing | T7RMP | T7WWMS-050PL | Short Outlet Tee | T7WWMS |
| T7RMP-150100PL | Clamp Reducing | T7RMP | T7WWMS-075PL | Short Outlet Tee | T7WWMS |
| T7RMP-200050PL | Clamp Reducing | T7RMP | T7WWMS-100PL | Short Outlet Tee | T7WWMS |
| T7RMP-200075PL | Clamp Reducing | T7RMP | T7WWMS-150PL | Short Outlet Tee | T7WWMS |
| T7RMP-200100PL | Clamp Reducing | T7RMP | T7WWMS-200PL | Short Outlet Tee | T7WWMS |
| T7RMP-200150PL | Clamp Reducing | T7RMP | T7WWMS-250PL | Short Outlet Tee | T7WWMS |
| T7RMP-250050PL | Clamp Reducing | T7RMP | T7WWMS-300PL | Short Outlet Tee | T7WWMS |
| T7RMP-250075PL | Clamp Reducing | T7RMP | T7WWMS-400PL | Short Outlet Tee | T7WWMS |
| T7RMP-250100PL | Clamp Reducing | T7RMP | T7WWMS-600PL | Short Outlet Tee | T7WWMS 6 INCH |
| T7RMP-250150PL | Clamp Reducing | T7RMP | T7WWMS-050PM | Short Outlet Tee | T7WWMS |
| T7RMP-250200PL | Clamp Reducing | T7RMP | T7WWMS-075PM | Short Outlet Tee | T7WWMS |
| T7RMP-300050PL | Clamp Reducing | T7RMP | T7WWMS-100PM | Short Outlet Tee | T7WWMS |
| T7RMP-300075PL | Clamp Reducing | T7RMP | T7WWMS-150PM | Short Outlet Tee | T7WWMS |
| T7RMP-300100PL | Clamp Reducing | T7RMP | T7WWMS-200PM | Short Outlet Tee | T7WWMS |
| T7RMP-300150PL | Clamp Reducing | T7RMP | T7WWMS-250PM | Short Outlet Tee | T7WWMS |
| T7RMP-300200PL | Clamp Reducing | T7RMP | T7WWMS-300PM | Short Outlet Tee | T7WWMS |
| T7RMP-300250PL | Clamp Reducing | T7RMP | T7WWMS-400PM | Short Outlet Tee | T7WWMS |
| T7RMP-400050PL | Clamp Reducing | T7RMP | T7WWMS-600PM | Short Outlet Tee | T7WWMS 6 INCH |

| Part No. | Description | Drawing No. | Part# | Description | Drawing No. |
|-----------------|-----------------|-------------|---------------|------------------|-------------|
| T7RMPS-150075PM | Short Outlet | T7RMPS | T31W-100075PL | Weld Concentric | T31W/T32W |
| T7RMPS-150100PM | Short Outlet | T7RMPS | T31W-150050PL | Weld Concentric | T31W/T32W |
| T7RMPS-200050PM | Short Outlet | T7RMPS | T31W-150075PL | Weld Concentric | T31W/T32W |
| T7RMPS-200075PM | Short Outlet | T7RMPS | T31W-150100PL | Weld Concentric | T31W/T32W |
| T7RMPS-200100PM | Short Outlet | T7RMPS | T31W-200050PL | Weld Concentric | T31W/T32W |
| T7RMPS-200150PM | Short Outlet | T7RMPS | T31W-200075PL | Weld Concentric | T31W/T32W |
| T7RMPS-250050PM | Short Outlet | T7RMPS | T31W-200100PL | Weld Concentric | T31W/T32W |
| T7RMPS-250075PM | Short Outlet | T7RMPS | T31W-200150PL | Weld Concentric | T31W/T32W |
| T7RMPS-250100PM | Short Outlet | T7RMPS | T31W-250050PL | Weld Concentric | T31W/T32W |
| T7RMPS-250150PM | Short Outlet | T7RMPS | T31W-250075PL | Weld Concentric | T31W/T32W |
| T7RMPS-250200PM | Short Outlet | T7RMPS | T31W-250100PL | Weld Concentric | T31W/T32W |
| T7RMPS-300050PM | Short Outlet | T7RMPS | T31W-250150PL | Weld Concentric | T31W/T32W |
| T7RMPS-300075PM | Short Outlet | T7RMPS | T31W-250200PL | Weld Concentric | T31W/T32W |
| T7RMPS-300100PM | Short Outlet | T7RMPS | T31W-300100PL | Weld Concentric | T31W/T32W |
| T7RMPS-300150PM | Short Outlet | T7RMPS | T31W-300150PL | Weld Concentric | T31W/T32W |
| T7RMPS-300200PM | Short Outlet | T7RMPS | T31W-300200PL | Weld Concentric | T31W/T32W |
| T7RMPS-300250PM | Short Outlet | T7RMPS | T31W-300250PL | Weld Concentric | T31W/T32W |
| T7RMPS-400050PM | Short Outlet | T7RMPS | T31W-400100PL | Weld Concentric | T31W/T32W |
| T7RMPS-400075PM | Short Outlet | T7RMPS | T31W-400150PL | Weld Concentric | T31W/T32W |
| T7RMPS-400100PM | Short Outlet | T7RMPS | T31W-400200PL | Weld Concentric | T31W/T32W |
| T7RMPS-400150PM | Short Outlet | T7RMPS | T31W-400250PL | Weld Concentric | T31W/T32W |
| T7RMPS-400200PM | Short Outlet | T7RMPS | T31W-400300PL | Weld Concentric | T31W/T32W |
| T7RMPS-400250PM | Short Outlet | T7RMPS | T31W-600300PL | Weld Concentric | T31W/T32W |
| T7RMPS-400300PM | Short Outlet | T7RMPS | T31W-600400PL | Weld Concentric | T31W/T32W |
| T7RMPS-600300PM | Short Outlet | T7RMPS | T31W-075050PM | Weld Concentric | T31W/T32W |
| T7RMPS-600400PM | Short Outlet | T7RMPS | T31W-100050PM | Weld Concentric | T31W/T32W |
| T7IWWMS050150PL | Instrument Tee | T7IWWMS | T31W-100075PM | Weld Concentric | T31W/T32W |
| T7IWWMS075150PL | Instrument Tee | T7IWWMS | T31W-150050PM | Weld Concentric | T31W/T32W |
| T7IWWMS100150PL | Instrument Tee | T7IWWMS | T31W-150075PM | Weld Concentric | T31W/T32W |
| T7IWWMS050200PL | Instrument Tee | T7IWWMS | T31W-150100PM | Weld Concentric | T31W/T32W |
| T7IWWMS075200PL | Instrument Tee | T7IWWMS | T31W-200050PM | Weld Concentric | T31W/T32W |
| T7IWWMS100200PL | Instrument Tee | T7IWWMS | T31W-200075PM | Weld Concentric | T31W/T32W |
| T7IWWMS150200PL | Instrument Tee | T7IWWMS | T31W-200100PM | Weld Concentric | T31W/T32W |
| T7IWWMS050150PM | Instrument Tee | T7IWWMS | T31W-200150PM | Weld Concentric | T31W/T32W |
| T7IWWMS075150PM | Instrument Tee | T7IWWMS | T31W-250050PM | Weld Concentric | T31W/T32W |
| T7IWWMS100150PM | Instrument Tee | T7IWWMS | T31W-250075PM | Weld Concentric | T31W/T32W |
| T7IWWMS050200PM | Instrument Tee | T7IWWMS | T31W-250100PM | Weld Concentric | T31W/T32W |
| T7IWWMS075200PM | Instrument Tee | T7IWWMS | T31W-250150PM | Weld Concentric | T31W/T32W |
| T7IWWMS100200PM | Instrument Tee | T7IWWMS | T31W-250200PM | Weld Concentric | T31W/T32W |
| T7IWWMS150200PM | Instrument Tee | T7IWWMS | T31W-300100PM | Weld Concentric | T31W/T32W |
| T7IMPS-050150PL | Instrument Tee | T7IMPS | T31W-300150PM | Weld Concentric | T31W/T32W |
| T7IMPS-075150PL | Instrument Tee | T7IMPS | T31W-300200PM | Weld Concentric | T31W/T32W |
| T7IMPS-100150PL | Instrument Tee | T7IMPS | T31W-300250PM | Weld Concentric | T31W/T32W |
| T7IMPS-050200PL | Instrument Tee | T7IMPS | T31W-400100PM | Weld Concentric | T31W/T32W |
| T7IMPS-075200PL | Instrument Tee | T7IMPS | T31W-400150PM | Weld Concentric | T31W/T32W |
| T7IMPS-100200PL | Instrument Tee | T7IMPS | T31W-400200PM | Weld Concentric | T31W/T32W |
| T7IMPS-150200PL | Instrument Tee | T7IMPS | T31W-400250PM | Weld Concentric | T31W/T32W |
| T7IMPS-050150PM | Instrument Tee | T7IMPS | T31W-400300PM | Weld Concentric | T31W/T32W |
| T7IMPS-075150PM | Instrument Tee | T7IMPS | T31W-600300PM | Weld Concentric | T31W/T32W |
| T7IMPS-100150PM | Instrument Tee | T7IMPS | T31W-600400PM | Weld Concentric | T31W/T32W |
| T7IMPS-050200PM | Instrument Tee | T7IMPS | T31M-075050PL | Clamp Concentric | T31M/T32M |
| T7IMPS-075200PM | Instrument Tee | T7IMPS | T31M-100050PL | Clamp Concentric | T31M/T32M |
| T7IMPS-100200PM | Instrument Tee | T7IMPS | T31M-100075PL | Clamp Concentric | T31M/T32M |
| T7IMPS-150200PM | Instrument Tee | T7IMPS | T31M-150050PL | Clamp Concentric | T31M/T32M |
| T31W-075050PL | Weld Concentric | T31W/T32W | T31M-150075PL | Clamp Concentric | T31M/T32M |
| T31W-100050PL | Weld Concentric | T31W/T32W | T31M-150100PL | Clamp Concentric | T31M/T32M |

| Part No. | Description | Drawing No. | Part# | Description | Drawing No. |
|-----------------|-----------------|-----------------|---------------|-------------|-------------|
| T3214MP400250PL | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-050PL | Auto Weld | TL14AM7 |
| T3214MP400300PL | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-075PL | Auto Weld | TL14AM7 |
| T3214MP600300PL | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-100PL | Auto Weld | TL14AM7 |
| T3214MP600400PL | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-150PL | Auto Weld | TL14AM7 |
| T3214MP075050PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-200PL | Auto Weld | TL14AM7 |
| T3214MP100050PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-250PL | Auto Weld | TL14AM7 |
| T3214MP100075PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-300PL | Auto Weld | TL14AM7 |
| T3214MP150050PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-400PL | Auto Weld | TL14AM7 |
| T3214MP150075PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-600PL | Auto Weld | TL14AM7 |
| T3214MP150100PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-050PM | Auto Weld | TL14AM7 |
| T3214MP200050PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-075PM | Auto Weld | TL14AM7 |
| T3214MP200075PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-100PM | Auto Weld | TL14AM7 |
| T3214MP200100PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-150PM | Auto Weld | TL14AM7 |
| T3214MP200150PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-200PM | Auto Weld | TL14AM7 |
| T3214MP250050PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-250PM | Auto Weld | TL14AM7 |
| T3214MP250075PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-300PM | Auto Weld | TL14AM7 |
| T3214MP250100PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-400PM | Auto Weld | TL14AM7 |
| T3214MP250150PM | Clamp Eccentric | T3114MP/T3214MP | TL14AM7-600PM | Auto Weld | TL14AM7 |
| T3214MP250200PM | Clamp Eccentric | T3114MP/T3214MP | T16W-050PL | Weld Cap | T16W |
| T3214MP300100PM | Clamp Eccentric | T3114MP/T3214MP | T16W-075PL | Weld Cap | T16W |
| T3214MP300150PM | Clamp Eccentric | T3114MP/T3214MP | T16W-100PL | Weld Cap | T16W |
| T3214MP300200PM | Clamp Eccentric | T3114MP/T3214MP | T16W-150PL | Weld Cap | T16W |
| T3214MP300250PM | Clamp Eccentric | T3114MP/T3214MP | T16W-200PL | Weld Cap | T16W |
| T3214MP400100PM | Clamp Eccentric | T3114MP/T3214MP | T16W-250PL | Weld Cap | T16W |
| T3214MP400150PM | Clamp Eccentric | T3114MP/T3214MP | T16W-300PL | Weld Cap | T16W |
| T3214MP400200PM | Clamp Eccentric | T3114MP/T3214MP | T16W-400PL | Weld Cap | T16W |
| T3214MP400250PM | Clamp Eccentric | T3114MP/T3214MP | T16W-600PL | Weld Cap | T16W |
| T3214MP400300PM | Clamp Eccentric | T3114MP/T3214MP | T16W-050PM | Weld Cap | T16W |
| T3214MP600300PM | Clamp Eccentric | T3114MP/T3214MP | T16W-075PM | Weld Cap | T16W |
| T3214MP600400PM | Clamp Eccentric | T3114MP/T3214MP | T16W-100PM | Weld Cap | T16W |
| T16AMP-050075PL | Solid End Cap | T16AMP | T16W-150PM | Weld Cap | T16W |
| T16AMP-100150PL | Solid End Cap | T16AMP | T16W-200PM | Weld Cap | T16W |
| T16AMP-200PL | Solid End Cap | T16AMP | T16W-250PM | Weld Cap | T16W |
| T16AMP-250PL | Solid End Cap | T16AMP | T16W-300PM | Weld Cap | T16W |
| T16AMP-300PL | Solid End Cap | T16AMP | T16W-400PM | Weld Cap | T16W |
| T16AMP-400PL | Solid End Cap | T16AMP | T16W-600PM | Weld Cap | T16W |
| T16AMP-600PL | Solid End Cap | T16AMP | | | |
| T16AMP-050075PM | Solid End Cap | T16AMP | | | |
| T16AMP-100150PM | Solid End Cap | T16AMP | | | |
| T16AMP-200PM | Solid End Cap | T16AMP | | | |
| T16AMP-250PM | Solid End Cap | T16AMP | | | |
| T16AMP-300PM | Solid End Cap | T16AMP | | | |
| T16AMP-400PM | Solid End Cap | T16AMP | | | |
| T16AMP-600PM | Solid End Cap | T16AMP | | | |