MECHANICAL JOINT CONNECTOR

DUCTILE IRON MECHANICAL JOINT CONNECTOR

Project Name: | Contractor: | Date:

Engineer: | Spec Section:

PRODUCT SPECIFICATIONS

Material:
MJ Connector and T-Head Spacers manufactured from high strength ductile iron in accordance with ASTM A536 Grade 65-45-12.

Pressure Rating:
350 PSI Water Working Pressure 3"- 24" | 250 PSI Water Working Pressure 30" & 36"

Size Range:
3" - 64"

Dimensions:
Is compatible with all mechanical joints in accordance with ANSI/AWWA C111/21.11, ANSI/AWWA C110/A21.10 and ANSI/AWWA C153/A21.53

Traceability:
All fittings are heat coded to ensure traceability and verification of metallurgical properties in accordance with the prevailing standards and SIGMA Waterworks Quality Management Standards.

Installations:
Install in accordance with SIGMA Waterworks installation procedures

Standards:
ANSI/AWWA C111/A21.11, C110/A21.10 and C153/A21.53 for Ductile Iron Fittings 3" – 36" for water and other liquids, NSF61.

OPTIONAL SPECIFICATIONS

Gaskets	SBR (In accordance with ANSI/AWWA C111/A21.11)	☐
	EPDM	☐
	Neoprene	☐
	Nitrile	☐
	Other - Specify	☐
Coatings	E-Coat	☐
	Others- Specify	☐
Bolts & Nuts	High Strength, Low Alloy Steel (In accordance with ANSI/AWWA C111/A21.11)	☐
	Stainless Steel ☐ Type 304 ☐ Type 316	☐
	Blue Fluoropolymer	☐
	Others- Specify	☐

AWWA® Member

FM APPROVED

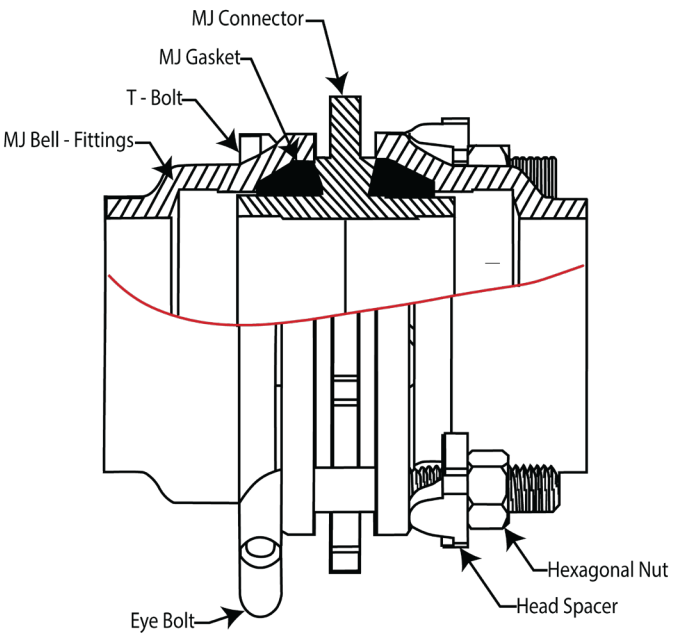
CLASSIFIED UL WATER QUALITY

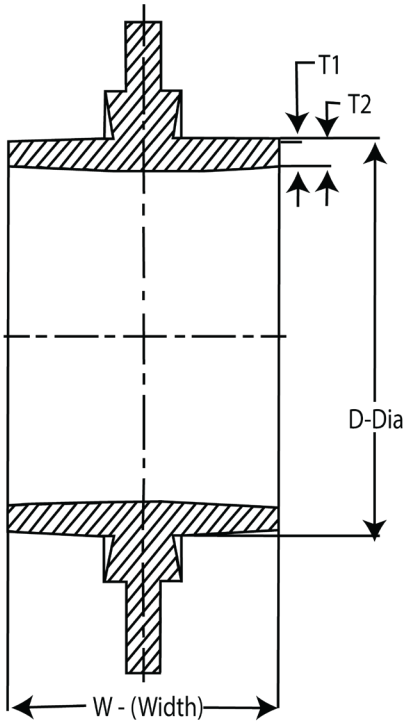
Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372

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Ductile Iron Mechanical Joint Connector

	C153 MJ Connector E-Coat w/accessory kit											
	Size	Item #	MJ Gasket	T-Head Bolt (qty)	Eye Bolt (Qty)	Eye Bolt Dim	Head Spacer	Width	D-Dia	T-1	T-2	Casting Weight (Lbs)	Weight (bs w/ accessories
☐	3	DMCPEP3	2	4	N/A	N/A	4	4.00	3.96	0.28	0.33	6.70	11.33
☐	4	DMCPEP4	2	4	N/A	N/A	4	4.00	4.80	0.29	0.34	8.2	14.82
☐	6	DMCPEP6	2	4	2	¾" X 4-½"	6	4.00	6.90	0.31	0.36	15.4	24.98
☐	8	DMCPEP8	2	4	2	¾"X5"	6	4.00	9.05	0.33	0.38	18	28.17
☐	10	DMCPEP10	2	4	4	¾"X5"	8	4.00	11.10	0.35	0.40	30.4	43.59
☐	12	DMCPEP12	2	4	4	¾"X5-½"	8	4.50	13.20	0.36	0.42	31.2	45.35
☐	14	DMCPEP14	2	10	N/A	N/A	10	6.00	15.30	0.40	0.47	54.93	71.49
☐	16	DMCPEP16	2	12	N/A	N/A	12	6.80	17.40	0.33	0.45	64.27	83.81
☐	18	DMCPEP18	2	12	N/A	N/A	12	6.80	19.50	0.42	0.54	84.18	104.66
☐	20	DMCPEP20	2	14	N/A	N/A	14	6.80	21.60	0.41	0.53	85.25	108.22
☐	24	DMCPEP24	2	16	N/A	N/A	16	6.80	25.80	0.45	0.61	107.05	134.21
☐	30	DMCPEP30	2	20	N/A	N/A	20	7.50	32.00	0.62	0.75	144.36	202.47
☐	36	DMCPEP36	2	24	N/A	N/A	24	7.50	38.30	0.69	0.82	181.83	253.76

All dimensions are in inches

Note: Accessories include MJ Gasket, T-Head Bolt, Eye-Bolt and Head Spacer
Note: Also available with C110 MJ Accessory Kit