

DUCTILE IRON MECHANICAL JOINT CONNECTOR

Project Name: Engineer:	Contractor: Spec Section:	Date
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Optional Specifications

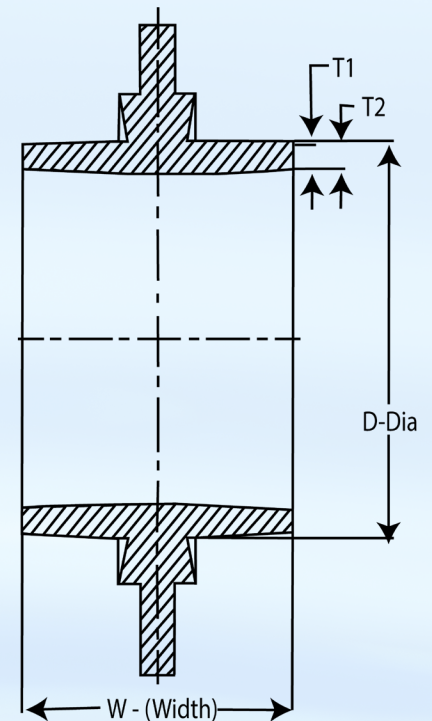
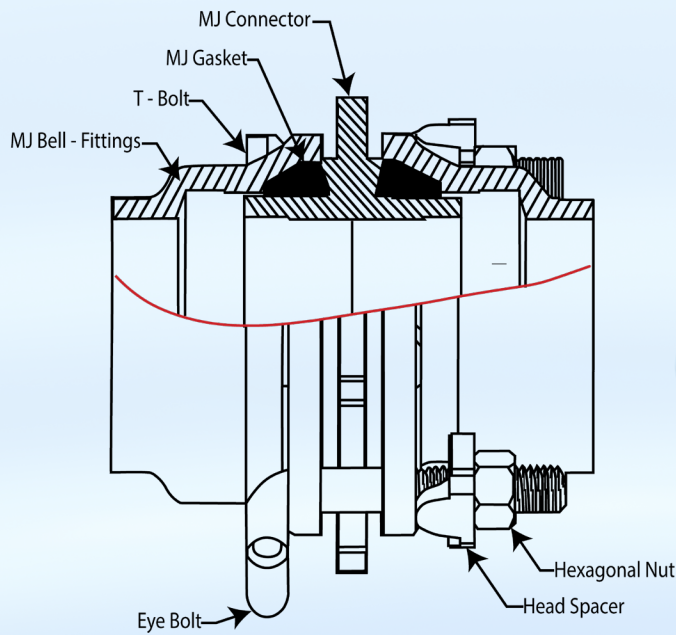
Gaskets	SBR <i>(In accordance with ANSI/AWWA C111/A21.11)</i>	Bolts & Nuts	High Strength Low Alloy Steel (HSLA) <i>(In accordance with ANSI/AWWA C111/A21.11)</i>
	EPDM		Stainless Steel ___ Type 304 ___ Type 316
	Neoprene		Blue Fluoropolymer
	Nitrile		Other- Specify
	Other- Specify		
Coating	E-Coat		
	Other- Specify		



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"
Testing:	In Accordance with ANSI AWWA C110/A21.10 and ANSI/AWWA C153/A21.53 Hydrostatically Tested in accordance with SIGMA Quality Management Standard.
Traceability:	All fittings are heat coded to ensure traceability and verification of metallurgical properties in accordance with the prevailing standards and SIGMA Quality Management Standards.
Size Range:	3" - 36"
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
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.
Installations:	Install in accordance with SIGMA installation procedures

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Mechanical Joint Connector Details

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	3/4" X 4-1/2"	6	4.00	6.90	0.31	0.36	15.4	24.98
8	DMCPEP8	2	4	2	3/4"X5"	6	4.00	9.05	0.33	0.38	18	28.17
10	DMCPEP10	2	4	4	3/4"X5"	8	4.00	11.10	0.35	0.40	30.4	43.59
12	DMCPEP12	2	4	4	3/4"X5-1/2"	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

Note: Accessories include MJ Gasket, T-Head Bolt, Eye-Bolt and Head Spacer

Note: Also available with C110 MJ Accessory Kit

All dimensions are in inches