

HYMAX[®]

a **MUELLER** brand

DISMANTLING JOINT (2" - 24")

Product Specifications

FEATURES

- The most user-friendly dismantling device available
- Connects valves, pumps, meters and pipe assemblies
- Patented hydraulically-assisted gasket with 2-stage sealing
- Adjusts to various lengths per nominal size
- Fast, easy maintenance - up to 60% fewer bolts
- Easy opening and closing via radial closure

SPECIFICATIONS STANDARDS

- Dismantling joint meets or exceeds standards AWWA C219, NSF 61, NSF 372.

SIZE

- Available in nominal diameter from 2" - 24".

MATERIALS

END RINGS

- 2" - 24" ASTM A283/A283M Grade C steel.

CENTER RING

- 2" - 10" ASTM A53 Grade C steel.
- 12" - 24" ASTM A283/A283M Grade C steel.



GASKETS

- EPDM compounded for water and sewage, meet international standards for contact with drinking water.

BRIDGE

- AISI 304 stainless steel.

FLANGE

- 2" Oval flange for flow meter.
- 3" Meets ANSI B16.5.
- 4" - 24" Meets AWWA Class D.

COATING

- 100% fusion bonded epoxy for enhanced corrosion protection.
- Nominal thickness 14 mm.

NUTS AND BOLTS

- AISI 304 stainless steel. Rolled thread and anti-galling coating.



JOIN



REPAIR



RESTRAIN



TAP

MUELLER

PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE

- 20° F up to +125° F

WORKING PRESSURE

- 175 psi

VACUUM TEST

- 12 psi

*See submittal drawings for details.

PRODUCT TABLES

DISMANTLING JOINT NOMINAL SIZES 2" - 10"

HYMAX Part Number	Nominal Diameter (mm)	Min. Length (inch)	Max. Length (inch)	Threaded Rods (inch)	No. Rods (pcs)	Torque (ft-lbs)	Working Pressure (psi)	Rated Pressure (psi)	Approx. Weight (lbs)
811-56-0002-12	2	8.27	11.42	5/8	2	35	175	262	13
811-56-0003-12	3	8.27	11.42	5/8	2	35	175	262	25
811-56-0004-12	4	8.27	11.42	5/8	2	35	175	262	34
811-56-0005-12	5	8.27	11.42	3/4	4	50	175	262	45
811-56-0006-12	6	8.27	11.42	3/4	4	50	175	262	51
811-56-0008-12	8	11.02	16.14	3/4	4	65	175	262	65
811-56-0010-12	10	11.02	16.14	7/8	4	65	175	262	95

DISMANTLING JOINT NOMINAL SIZES 12" - 24"

HYMAX Part Number	Nominal Diameter (mm)	Min. Length (inch)	Max. Length (inch)	Threaded Rods (inch)	No. Rods (pcs)	Torque (ft-lbs)	Working Pressure (psi)	Rated Pressure (psi)	Approx. Weight (lbs)
811-56-0012-12	12	11.02	16.14	7/8	4	65	175	262	180
811-56-0014-12	14	11.02	16.14	1	4	65	175	262	200
811-56-0016-12	16	11.02	16.14	1	4	80	175	262	230
811-56-0018-12	18	13.78	18.90	1 1/8	4	80	175	262	251
811-56-0020-12	20	13.78	18.90	1 1/8	4	80	175	262	340
811-56-0024-12	24	13.78	18.90	1 1/4	4	100	175	262	360

To learn more, visit HymaxUSA.com.

Mueller refers to one or more of Mueller Water Products, Inc., a Delaware corporation ("MWP"), and its subsidiaries. MWP and each of its subsidiaries are legally separate and independent entities when providing products and services. MWP does not provide products or services to third parties. MWP and each of its subsidiaries are liable only for their own acts and omissions and not those of each other. MWP brands include Mueller®, Echologics®, Hydro Gate®, Hydro-Guard®, HYMAX®, HYMAX®, Jones®, Mi.Net®, Milliken®, Pratt®, Pratt Industrial®, Singer®, and U.S. Pipe Valve & Hydrant. Please see muellerwp.com/brands to learn more.

© 2021 Mueller Co., LLC. All Rights Reserved. The trademarks, logos and service marks displayed in this document are the property of Mueller Co., LLC., its affiliates or other third parties. Products above marked with a section symbol (§) are subject to patents or patent applications. For details, visit www.mwppat.com. These products are intended for use in potable water applications. Please contact your Mueller Sales or Customer Service Representative concerning any other application(s).

