

HYMAX[®] 2

HYMAX[®] 2 ELBOW 45° AND 90°^{*} (2"-12")



FEATURES

- WIDE-RANGE COUPLING WITH AN ELBOW OF 45° OR 90° ANGLE
- PATENTED HYDRAULICALLY-ASSISTED GASKET EASILY FLIPS IN OR OUT TO ACCOMMODATE LARGER ND PIPES
- USING THE GAME-CHANGING HYMAX TECHNOLOGY, PROVEN IN OVER 1M INSTALLATIONS IN NORTH AMERICA
- CONNECTING A LARGE VARIETY OF PIPE MATERIALS
- JOINS TWO PIPES OF THE SAME OR DIFFERENT DIAMETERS AND MATERIALS
- FAST AND EASY INSTALLATION, TWO TOP-FACING BOLTS
- DYNAMIC DEFLECTION OF 4° PER END

SPECIFICATIONS

STANDARDS

HYMAX ELBOW MEETS OR EXCEEDS REQUIREMENTS OF STANDARDS: AWWA C-219, NSF-61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 2"-12" STANDARD.

MATERIAL

END RINGS ASTM A283 / A283M GRADE C STEEL.

CENTER RING ASTM A53 GRADE A STEEL.

GASKET EPDM COMPOUNDED FOR WATER AND SEWAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.

BRIDGE AISI 304 STAINLESS STEEL.

SPHERICAL SPACERS AISI 304L STAINLESS STEEL.

COATING 100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION. AVERAGE THICKNESS 14 MIL.

NUTS & BOLTS AISI 304 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.

* REGISTERED PATENT

HYMAX[®]

Repair the past. Connect the future.

 KRAUSZ is the creator of HYMAX

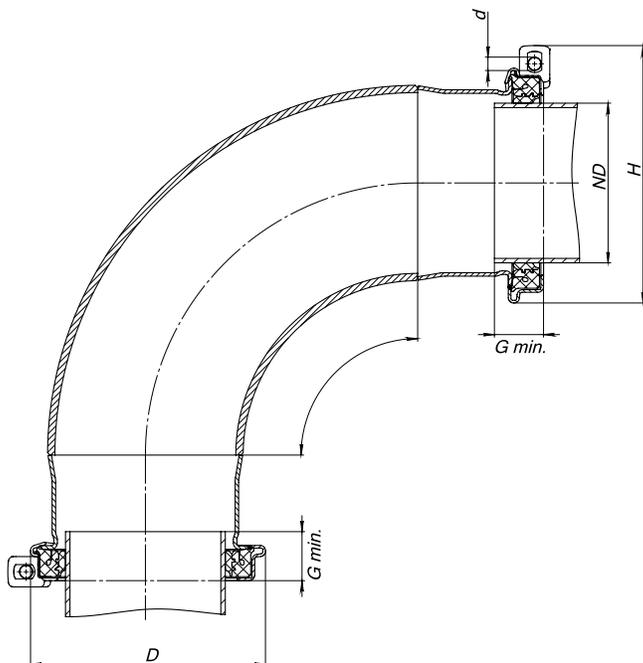
HYMAX 2



PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE	-20°F UP TO +125°F
DYNAMIC DEFLECTION	UP TO 4° PER SIDE
MIN. PIPE INSERTION	2.25"
MAXIMUM OUT OF ROUNDNESS	2"-3" 4"-12" 0.2" 0.31"
WORKING PRESSURE	260 PSI
RATED PRESSURE	390 PSI
VACUUM TEST	12 PSI

* See Submittal Drawings For Details.



PRODUCT SPECIFICATIONS

HYMAX 2



PRODUCT TABLES

HYMAX ELBOW 45° SIZES 2"-12"

Krausz Part Number	Nominal Diameter	Overall Range (inch)	Range In Closed Gasket Position (inch)	Range In Open Gasket Position (inch)	Bolts Qty.-Size (mm)	Torque (Ft-Lbs)	Approx. Weight (Lbs)
869-54-45054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	8.5
869-54-45088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	13.5
869-54-45108-16	4	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	75	27
869-54-45130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 -M14	75	50
869-54-45163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	75	71.5
869-54-45190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 -M14	75	73
869-54-45217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	75	76.5
869-54-45272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	75	90
869-54-45278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	75	110
869-54-45315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	80	155
869-54-45334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	80	190

HYMAX ELBOW 90° SIZES 2"-12"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Range In Closed Gasket Position (inch)	Range In Open Gasket Position (inch)	Bolts Qty. & Size (mm)	Torque (Ft-Lbs)	Approx. Weight (Lbs)
869-54-90054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	11
869-54-90088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	17.5
869-54-90108-16	4	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	75	35
869-54-90130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 -M14	75	65
869-54-90163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	75	92
869-54-90190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 -M14	75	95
869-54-90217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	75	99
869-54-90272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	75	130
869-54-90278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	75	142
869-54-90315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	80	199
869-54-90334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	80	247.5

HYMAX®

Repair the past. Connect the future.

 **KRAUSZ** is the creator of HYMAX

331SW 57TH AVENUE, OCALA, FLORIDA 34474

TEL: 855-457-2879 | 855-4KRAUSZ

FAX: 352-304-5787

info@krauszusa.com | www.krauszusa.com

This product is protected under a registered patent. See Krausz website for details. Copyright © 2017 Krausz Industries Ltd., All rights reserved