



HYMAX[®] ELBOW 45° AND 90° (2"-24")

HYMAX[®]
Repair the past. Connect the future.

PRODUCT SPECIFICATIONS

FEATURES

- WIDE-RANGE COUPLING WITH AN ELBOW OF 45° OR 90° ANGLE
- 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 C219, NSF-61 AND NSF-372.

SIZE/LENGTH

AVAILABLE IN NOMINAL DIAMETER 2" - 12" STANDARD.
14"-24" MTO (MADE TO ORDER). CALL KRAUSZ FOR DETAILS.

MATERIALS

CENTER RING

ASTM A53 GRADE A STEEL.

END RINGS

ASTM A283 / A283M GRADE C STEEL.

SPHERICAL SPACERS

AISI 304L STAINLESS STEEL.

GASKET

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

BRIDGE

AISI 304 STAINLESS STEEL.

COATING

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

NUTS AND BOLTS

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

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"

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

	45°	90°
WORKING PRESSURE	260 PSI	260 PSI
RATED PRESSURE	390 PSI	390 PSI
VACUUM TEST	12 PSI	

PRODUCT TABLES

HYMAX ELBOW 45° SIZES 2"-12"

Krausz Part Number	Nominal Diameter	Overall Range (inch)	Before removal the inner layer (inch)	After removal the inner layer (inch)	Bolts Qty.-Size (mm)	Torque (Ft-Lbs)	Approx. Weight (Lbs)
869-56-45054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	8.5
869-56-45088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	13.5
869-56-45108-16	4	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	65	27
869-56-45130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 -M14	65	50
869-56-45163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	65	71.5
869-56-45190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 -M14	65	73
869-56-45217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	65	76.5
869-56-45272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	65	90
869-56-45278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	65	110
869-56-45315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	65	155
869-56-45334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	65	190

HYMAX ELBOW 90° SIZES 2"-12"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal the inner layer (inch)	After removal the inner layer (inch)	Bolts Qty.& Size (mm)	Torque (Ft-Lbs)	Approx. Weight (Lbs)
869-56-90054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	11
869-56-90088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	17.5
869-56-90108-16	4	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	65	35
869-56-90130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 -M14	65	65
869-56-90163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	65	92
869-56-90190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 -M14	65	95
869-56-90217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	65	99
869-56-90272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	65	130
869-56-90278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	65	142
869-56-90315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	65	199
869-56-90334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	65	247.5