



# HYMAX<sup>®</sup>

## COUPLING (1.5"-60")

### PRODUCT SPECIFICATIONS



#### FEATURES

- GAME-CHANGING WIDE-RANGE COUPLING, PROVEN IN OVER 1M INSTALLATIONS IN THE US
- SUITABLE FOR ALL TYPES OF PIPES - DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC, GRP
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION ON EACH END, REDUCING FUTURE PIPE DAMAGE
- ONE PRODUCT CAN CONNECT PIPES OF TWO DIFFERENT MATERIALS

#### SPECIFICATIONS

##### STANDARDS

HYMAX MEETS OR EXCEEDS STANDARDS AWWA C-219, NSF 61, NSF 372.

##### SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 1.5" - 60" STANDARD.  
CALL KRAUSZ FOR DETAILS.

##### MATERIALS

###### END RINGS

1.5" - 12" ASTM A283 / A283M GRADE C STEEL.  
14" - 16" ASTM A283 / A283M GRADE C STEEL.  
(OR DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18).  
18" - 60" ASTM A283 / A283M GRADE C STEEL.

###### CENTER RING

1.5" - 12" ASTM A53 GRADE A STEEL.  
14" - 60" ASTM A283 / A 283M GRADE C STEEL.

###### GASKETS

EPDM COMPOUNDED FOR WATER AND SEWERAGE, 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.  
NOMINAL THICKNESS 14 MIL.

###### NUTS AND BOLTS

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

## PRODUCT PERFORMANCE (\*)

<b>WORKING TEMPERATURE</b>	-20°F UP TO +125°F.			
<b>DYNAMIC DEFLECTION</b>	UP TO 4° PER SIDE.			
<b>MIN. PIPE INSERTION</b>	1.5"-12" 2.25"	14"- 60" 4"		
<b>MAXIMUM OFFSET FOR MISALIGNED PIPE</b>	1.5"- 3" 0.39"	4"- 60" 0.51"		
<b>MAXIMUM OUT OF ROUNDNESS</b>	1.5" 0.08"	2"- 3" 0.20"	4"- 12" 0.31"	14"- 60" 0.51"
<b>WORKING PRESSURE</b>	1.5"- 16" 260 PSI	18"- 24" 232 PSI	26"- 60" CALL KRAUSZ FOR DETAILS.	
<b>RATED PRESSURE</b>	1.5"- 16" 390 PSI	18"- 24" 350 PSI	26"- 60" CALL KRAUSZ FOR DETAILS.	
<b>VACUUM TEST</b>	12 PSI			

\* SEE SUBMITTAL DRAWINGS FOR DETAILS.

## PRODUCT TABLES

### HYMAX NOMINAL SIZES 1.5"-12"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolt Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
860-56-0041-16	1.5	1.61-2.13	1.61-1.97	1.96-2.13	2 -M12	35	260	390	5
860-56-0054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	260	390	7.5
860-56-0088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	260	390	10.8
860-56-0108-16C	4	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	65	260	390	15
860-56-0130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 -M14	65	260	390	19
860-56-0163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	65	260	390	23
860-56-0190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 -M14	65	260	390	24
860-56-0217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	65	260	390	28
860-56-0272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	65	260	390	32
860-56-0278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	65	260	390	33
860-56-0315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	65	260	390	39
860-56-0334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	65	260	390	39

## PRODUCT TABLES

### HYMAX NOMINAL SIZES 14"-24"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolt Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
860-56-0378-16P	14	15.00-17.10	15.00-16.10	16.02-17.10	4 -M16	150	260	390	92
860-56-0434-16P	16	17.10-19.20	17.10-18.19	18.11-19.20	4 -M16	150	260	390	101
860-56-0488-16P	18	19.20-21.30	19.20-20.29	20.21-21.30	4 -M16	150	232	350	101
860-56-0497-16P	20	19.60-21.70	19.60-20.69	20.61-21.70	4 -M16	150	232	350	105
860-56-0540-16P	20	21.25-23.35	21.25-22.35	22.27-23.35	4 -M16	150	232	350	110
860-56-0606-16P	24	23.85-25.95	23.85-24.96	24.88-25.95	4 -M16	150	232	350	120
860-56-0624-16P	24	24.60-26.70	24.60-25.67	25.59-26.70	4 -M16	150	232	350	120

HYMAX 26"-60" - MTO (MADE TO ORDER) AVAILABLE  
 FOR SPECIFIC SIZES OF PRODUCTS IN STOCK, CALL KRAUSZ FOR DETAILS.