



# HYMAX<sup>®</sup> COUPLING LONG BODY (1.5"-60")

**HYMAX<sup>®</sup>**  
Repair the past. Connect the future.

## PRODUCT SPECIFICATIONS

### FEATURES

- GAME-CHANGING WIDE-RANGE COUPLING, PROVEN IN OVER 1M INSTALLATIONS IN THE US
- SUITABLE FOR ALL PIPES - DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC, GRP
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LONG BODY FOR EXTRA SIZE FLEXIBILITY
- 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 LONG BODY MEETS OR EXCEEDS STANDARDS  
AWWA C-219, NSF 61, NSF 372.

#### SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 1.5"-24" STANDARD.  
26"-60" MTO (MADE TO ORDER). 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 / A283M 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" 2.25"	2" - 3" 5.5"	26" - 60" 5.9"	
<b>MAXIMUM OFFSET FOR MISALIGNED PIPES</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 LONG BODY 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)	Bolts Num. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
862-56-0041-16	1.5	1.61-2.13	1.61-1.97	1.96-2.13	2 -M12	35	260	390	7
862-56-0054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	260	390	8
862-56-0088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	260	390	14
862-56-0108-16C	4	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	65	260	390	21
862-56-0130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 -M14	65	260	390	28
862-56-0163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	65	260	390	32
862-56-0190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 -M14	65	260	390	36
862-56-0217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	65	260	390	42
862-56-0272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	65	260	390	50
862-56-0278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	65	260	390	53
862-56-0315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	65	260	390	54
862-56-0334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	65	260	390	56

## PRODUCT TABLES

### HYMAX LONG BODY 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)	Bolts Num. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
862-56-0378-16P	14	15.00-17.10	15.00-16.10	16.02-17.10	4 -M16	150	260	390	107
862-56-0434-16P	16	17.10-19.20	17.10-18.19	18.11-19.20	4 -M16	150	260	390	123
862-56-0488-16P	18	19.20-21.30	19.20-20.29	20.21-21.30	4 -M16	150	232	350	132
862-56-0497-16P	20	19.60-21.70	19.60-20.69	20.61-21.70	4 -M16	150	232	350	136
862-56-0540-16P	20	21.25-23.35	21.25-22.35	22.27-23.35	4 -M16	150	232	350	141
862-56-0606-16P	24	23.85-25.95	23.85-24.96	24.88-25.95	4 -M16	150	232	350	158
862-56-0624-16P	24	24.60-26.70	24.60-25.67	25.59-26.70	4 -M16	150	232	350	163

### HYMAX LONG BODY NOMINAL SIZES 26"-60"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
862-56-0800-09P	30	31.50-33.60	31.50-32.60	32.50-33.60	250	130	195	256
862-56-0963-07P	36	37.90-40.00	37.90-39.00	38.90-40.00	300	110	165	278
862-56-1116-06P	42	43.90-46.00	43.90-45.00	44.90-46.00	300	95	142	335
862-56-1280-05P	48	50.40-52.50	50.40-51.50	51.40-52.50	350	80	120	342
862-56-1552-05P	60	61.10-63.20	61.10-62.20	62.10-63.20	350	65	97	405