



HYMAX[®] WITH THREADED OUTLET (1.5"-60")

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

PRODUCT SPECIFICATIONS

FEATURES

- USING THE GAME-CHANGING HYMAX TECHNOLOGY, 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, REDUCING FUTURE PIPE DAMAGE
- ONE PRODUCT CAN CONNECT PIPES OF TWO DIFFERENT MATERIALS

SPECIFICATIONS

STANDARDS

HYMAX WITH THREADED OUTLET MEETS OR EXCEEDS REQUIREMENTS OF STANDARDS: AWWA C219, NSF-61 AND NSF-372.

SIZE

AVAILABLE IN NOMINAL DIAMETERS FROM 1.5"-12" STANDARD. 14"- 60" MTO (MADE TO ORDER). CALL KRAUSZ FOR DETAILS.

MATERIALS

CENTER RING

1.5" - 12" ASTM A53 GRADE A STEEL.
14" - 60" ASTM A283 / A283M GRADE C STEEL.

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.

GASKETS

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

SPHERICAL SPACERS

AISI 304L STAINLESS STEEL.

BRIDGE

TYPE 304 STAINLESS STEEL.

OUTLET

THREADED COUPLING NPT CLASS 3000, MEETS ANSI B16.11.

COATING

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

NUTS, BOLTS & WASHERS

AISI 304 STAINLESS STEEL.

PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE	-20°F UP TO +125°F.			
DYNAMIC DEFLECTION	UP TO 4° PER SIDE (NOT FOR OUTLET).			
MIN. PIPE INSERTION	1.5"-12" 2.25"	14"-60" 4"		
MAXIMUM OFFSET FOR MISALIGNED PIPES	1.5"-3" 0.39"	4"-60" 0.51"		
MAXIMUM OUT OF ROUNDNESS	1.5" 0.08"	2"-3" 0.20"	4"-12" 0.31"	14"-60" 0.51"
WORKING PRESSURE	1.5"-12" - 260 PSI (14"- 60": CALL KRAUSZ FOR DETAILS).			
RATED PRESSURE	1.5"-12" - 390 PSI (14"- 60": CALL KRAUSZ FOR DETAILS).			
VACUUM TEST	12 PSI			

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

PRODUCT TABLES

HYMAX WITH THREADED OUTLET NOMINAL SIZE 1.5"-12"

Krausz Part Number	Nominal Diameter (inch)	Outlet Options (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)
865-56-01041-16	1.5"	1"	1.61-2.13	1.61-1.97	1.96-2.13	2 -M12	35	260	390	6
865-56-XX054-16	2"	1" - 1.5"	2.10-3.03	2.10-2.60	2.56-3.03	2 -M12	50	260	390	8 - 9.5
865-56-XX088-16	3"	1" - 2"	3.46-4.33	3.46-3.90	3.86-4.33	2 -M12	50	260	390	11 - 13.2
865-56-XX108-16	4"	1" - 2"	4.25-5.63	4.25-5.00	4.92-5.63	2 -M14	65	260	390	16 - 18.2
865-56-XX163-16	6"	1" - 4"	6.42-7.68	6.42-7.05	7.01-7.68	2 -M14	65	260	390	24 - 35.5
865-56-XX217-16	8"	1" - 4"	8.54-9.84	8.54-9.17	9.13-9.84	2 -M14	65	260	390	29 - 40.5
865-56-XX272-16	10"	1" - 4"	10.70-12.00	10.70-11.37	11.33-12.00	2 -M14	65	260	390	34 - 45.5
865-56-XX278-16	10"	1" - 4"	10.96-12.26	10.96-11.63	11.59-12.26	2 -M14	65	260	390	34 - 45.5
865-56-XX315-16	12"	1" - 4"	12.40-13.66	12.40-13.03	12.99-13.66	2 -M14	65	260	390	40 - 51.5
865-56-XX334-16	12"	1" - 4"	13.15-14.41	13.15-13.78	13.74-14.41	2 -M14	65	260	390	40 - 51.5

HYMAX WITH THREADED OUTLET NOMINAL SIZE 14"-60"

14"-60" - MTO (MADE TO ORDER) IS AVAILABLE

FOR EXAMPLE 865-56-XX163-16 MAY BE :

Krausz Part Number	Nominal Diameter (inch)	Outlet (inch)	Outlet L1 (inch)
865-56-01163-16	6"	1"	2.38
865-56-15163-16	6"	1.5"	3.12
865-56-02163-16	6"	2"	3.38
865-56-03163-16	6"	3"	4.25
865-56-04163-16	6"	4"	4.75