



HYMAX[®] REDUCER

(14"-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
- JOINS PIPES OF DIFFERENT SIZES
- 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 REDUCER MEETS OR EXCEEDS STANDARDS NSF 61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETERS FROM 14"-24" STANDARD.
26"-60" MTO (MADE TO ORDER). CALL KRAUSZ FOR DETAILS.

MATERIALS

END RINGS

14"-16"- ASTM A283 / A 283M GRADE C STEEL.
(OR DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18)
18"-60"- ASTM A283 / A283M GRADE C STEEL.

CENTER RING

14"-60"- ASTM A283 / A283M GRADE C STEEL.

GASKETS

EPDM AND NBR AVAILABLE. BOTH ARE COMPOUNDED FOR WATER AND SEWAGE,
MEET INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.

BRIDGE

AISI 304 STAINLESS STEEL.

SPHERICAL SPACERS

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	EPDM: -20°F UP TO +125°F NBR: -4°F UP TO +125°F		
DYNAMIC DEFLECTION	14"-48" UP TO 4° PER SIDE	>48" UP TO 3° PER SIDE	
MAXIMUM OFFSET FOR MISALIGNED PIPES	14"-60" 0.51"		
MAXIMUM OUT OF ROUNDNESS	14"-60" 0.51"		
WORKING PRESSURE	14"-16" 260 PSI	18"-24" 232 PSI	26"-60" CALL KRAUSZ FOR DETAILS
RATED PRESSURE	14"-16" 390 PSI	18"-24" 350 PSI	26"-60" CALL KRAUSZ FOR DETAILS
VACUUM TEST	12 PSI		

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

PRODUCT TABLES

ND 14"-24" EPDM

ND (inch)	Torque Side 1 (Ft- Lb)	Torque Side 2 (Ft- Lb)
14X16	150	150
16X18	150	150
18X20	150	150
20X24	150	150

PRODUCT CONFIGURATIONS

The product is offered in several different configurations. Note that the "xx" marking in the Cat. no. should be replaced as directed:

Part Number 861-XX

56 -> Product with EPDM gasket

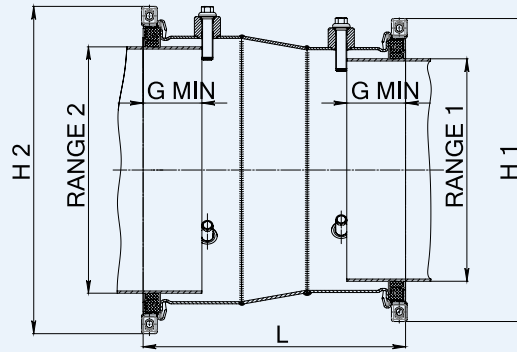
57 -> Product with NBR gasket

For example:

861XX0054008816 should be read as 861560054008816 for EPDM gasket and 861570054008816 for NBR gasket.

PRODUCT TABLES

HYMAX REDUCER NOMINAL SIZES 14"-24"



Krausz Part Number	ND (inch)	Overall Range 1 (inch)	Before Removal of Inner Layer 1 (inch)	After Removal of Inner Layer 1 (inch)	Overall Range 2 (inch)	Before Removal of Inner Layer 2 (inch)	After Removal of Inner Layer 2 (inch)	Bolts Qty. -Size	H1 (inch)	H2 (inch)	L (inch)	Approx. Weight (Lbs)
861560378043416	14 x 16	15.00-17.10	15.00-16.10	16.02-17.10	17.10-19.20	17.10-18.19	18.11-19.20	4 -M16	23.2	25.6	23.8	142
861560434048816	16 x 18	17.10-19.20	17.10-18.19	18.11-19.20	19.20-21.30	19.20-20.29	20.21-21.30	4 -M16	25.6	27.8	23.8	162
861560488054016	18 x 20	19.20-21.30	19.20-20.29	20.21-21.30	21.25-23.35	21.25-22.35	22.27-23.35	4 -M16	27.8	29.8	23.8	172
861560540060616	20 x 24	21.25-23.35	21.25-22.35	22.27-23.35	23.85-25.95	23.85-24.96	24.88-25.95	4 -M16	29.8	31.7	23.8	180
861560540062416	20 x 24	21.25-23.35	21.25-22.35	22.27-23.35	24.60-26.70	24.60-25.67	25.59-26.70	4 -M16	29.8	33.2	23.8	182

HYMAX REDUCER NOMINAL SIZES 26"-60"

26"-60" - MTO (MADE TO ORDER) IS AVAILABLE

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 **KRAUSZ** is the creator of HYMAX

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