

HYMAX GRIP® CATHODIC COUPLING RESTRAINT*



PRODUCT SPECIFICATIONS

FEATURES

- HYMAX GRIP RESTRAINT COUPLING WITH CATHODIC PROTECTION
- JOINS AND RESTRAINS A WIDE RANGE OF PIPING TYPES AND DIAMETERS
- UNIQUE RADIAL GRIPPING SYSTEM PREVENTS PIPE MOTION
- UNIVERSAL GRIPPING TEETH FIT METAL PIPES
- READY TO USE, STAB-FIT DESIGN
- ALLOWS 4° DYNAMIC DEFLECTION PER END, REDUCING FUTURE DAMAGE
- DURABLE DUCTILE IRON BODY
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING

SPECIFICATIONS

STANDARDS

HYMAX GRIP CATHODIC MEETS OR EXCEEDS STANDARDS

AWWA C-219, NSF 61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 1.5"-12".

MATERIALS

END RINGS

1.5"-3" - CAST STEEL ASTM A216 WCB.

4"- 12" - DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18.

CENTER RING

GRIP CHAIN

1.5"- 12" DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.

PRODUCT SIZES 3"-12" WITH HANDLE.

GASKETS

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

GRIPPING TEETH: SIZE 1.5"-3" SIZES 4"-12"

AISI 440 C. AISI 420 2B

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, BOLTS & WASHERS

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

UP TO 4° PER SIDE

MIN. PIPE INSERTION

3.6"



^{*} REGISTERED PATENT

^{**} SEE SUBMITTAL DRAWINGS FOR DETAILS.

MAXIMUM OFFSET
FOR MISALIGNED PIPES

MAXIMUM OUT
OF ROUNDNESS

1.5"-3" 4"-12"
0.12" 0.16"

WORKING PRESSURE
1.5"-12"
232 PSI
RATED PRESSURE
1.5" - 12"
350 PSI
VACUUM TEST

12 PSI

PRODUCT TABLES

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ND (inch)	EPDM (Ft-Lb)	NBR (Ft-Lb)						
1.5	70	70						
2.5	70	70						
3	70	70						
4	90	105						
6	110	110						
8	200	200						
10	200	200						
12	200	200						

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 889-XX

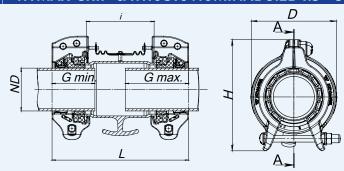
56 -> Standard Pressure Grip with EPDM gasket

57 -> Standard Pressure Grip with NBR gasket

For example -

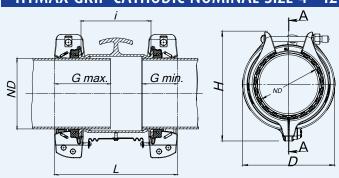
889-XX-015039-16 should be read as 889-56-015039-16 for EPDM gasket and 889-57-015039-16 for NBR gasket.

HYMAX GRIP CATHODIC NOMINAL SIZE 1.5"-3"



Krausz Part Number	ND (inch)	Overall Range (inch)	Before Removal of Inner Layer (inch)	After Removal of Inner Layer (inch)	i (inch)	L (inch)	D (inch)	H (inch)	G - Max Stab Depth (inch)	Bolts QtySize	Approx. Weight (Lbs)
889-XX-015039-16	1.5/2	1.54-2.64	1.54-2.20	2.17-2.64	3.93	10	5.35	7.48	4.5	2 - M14	15.45
889-XX-025059-16	2.5	2.32-3.43	2.32-2.99	2.95-3.43	3.93	10	6.18	8.07	4.5	2 - M14	20.26
889-XX-030080-16	3	3.15-4.17	3.15-3.74	3.70-4.17	5.9	11.93	6.93	9.06	5.5	2 - M14	25.53

HYMAX GRIP CATHODIC NOMINAL SIZE 4"-12"



Krausz Part Number	ND (inch)	Overall Range (inch)	i (inch)	L (inch)	D (inch)	H (inch)	G - Max Stab Depth (inch)	Bolts Qty Size	Approx. Weight (Lbs)
889-XX-04111-16	4	4.40-5.10	5.9	11.4	8.7	10.6	5.3	2 - 5/8	32
889-XX-06165-16	6	6.50-7.20	7.3	12.8	10.9	12.9	5.9	2 - 5/8	43
889-XX-08216-16	8	8.50-9.40	7.3	13.3	13.8	15.7	6.1	2 - 3/4	74
889-XX-10270-16	10	10.65-11.55	7.3	13.5	16.2	18.2	6.3	2 - 3/4	92
889-XX-12322-16	12	12.68-13.39	7.3	13.5	17.4	19.8	6.3	2 - 3/4	100