



# HYMAX GRIP<sup>®</sup> MJ CUT-IN SLEEVE ❄️ (3"-12")

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

## PRODUCT SPECIFICATIONS

### FEATURES

- THE FIRST ONE-PIECE TRANSITION COUPLING THAT CAN CONNECT TO A MECHANICAL JOINT WHILE RESTRAINING THE CONNECTING PLAIN PIPE - SAVING TIME ON CUTTING AND INSTALLING EXTRA PIPE
- WIDE RANGE - REPLACES THE NEED TO USE DEDICATED-SIZED TRANSITION COUPLINGS TO HELP REDUCE INVENTORY COSTS AND SAVE SHELF-SPACE
- LIGHTWEIGHT, ONLY 1 BOLT TO TIGHTEN - FOR FASTER AND SAFER INSTALLATION
- PATENTED GRIP CHAIN OFFERS CIRCULAR RESTRAINT AROUND THE PIPE
- PATENTED RADIAL CLOSING MECHANISM HOLDS PIPES TIGHTLY IN PLACE DURING INSTALLATION
- ALLOWS DYNAMIC DEFLECTION OF THE PIPE FOR UP TO 4°, REDUCING FUTURE PIPE CRACKS AND BREAKS

### SPECIFICATIONS

#### STANDARDS

HYMAX GRIP CUT-IN SLEEVE MEETS OR EXCEEDS STANDARDS  
AWWA C-219, NSF 61, NSF 372.

#### SIZE

AVAILABLE IN NOMINAL DIAMETER 3"-12"

#### MATERIALS

##### END RINGS

3" - CAST STEEL ASTM A216 WCB  
4"-12" DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18.

##### CENTER RING

DUCTILE IRON CASTING ASTM A536 GRADE 65-45-12.  
MJ ADAPTOR COMPATIBLE WITH ANSI/AWWA C111/A21.11-12.

##### GASKETS

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

##### GRIP CHAIN

3" - Fe2Ni  
4"-12" - AISI 420

##### BRIDGE

AISI 304 STAINLESS STEEL.

##### SPHERICAL SPACERS

AISI 304 STAINLESS STEEL.

##### COATING

100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION.  
AVERAGE 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

#### DYNAMIC DEFLECTION

UP TO 4°

#### MIN. PIPE INSERTION

3.6"

\* REGISTERED PATENT

\*\* SEE SUBMITTAL DRAWINGS FOR DETAILS.

**MAXIMUM OFFSET FOR MISALIGNED PIPES** 0.12"

**MAXIMUM OUT OF ROUNDNESS** 0.16"

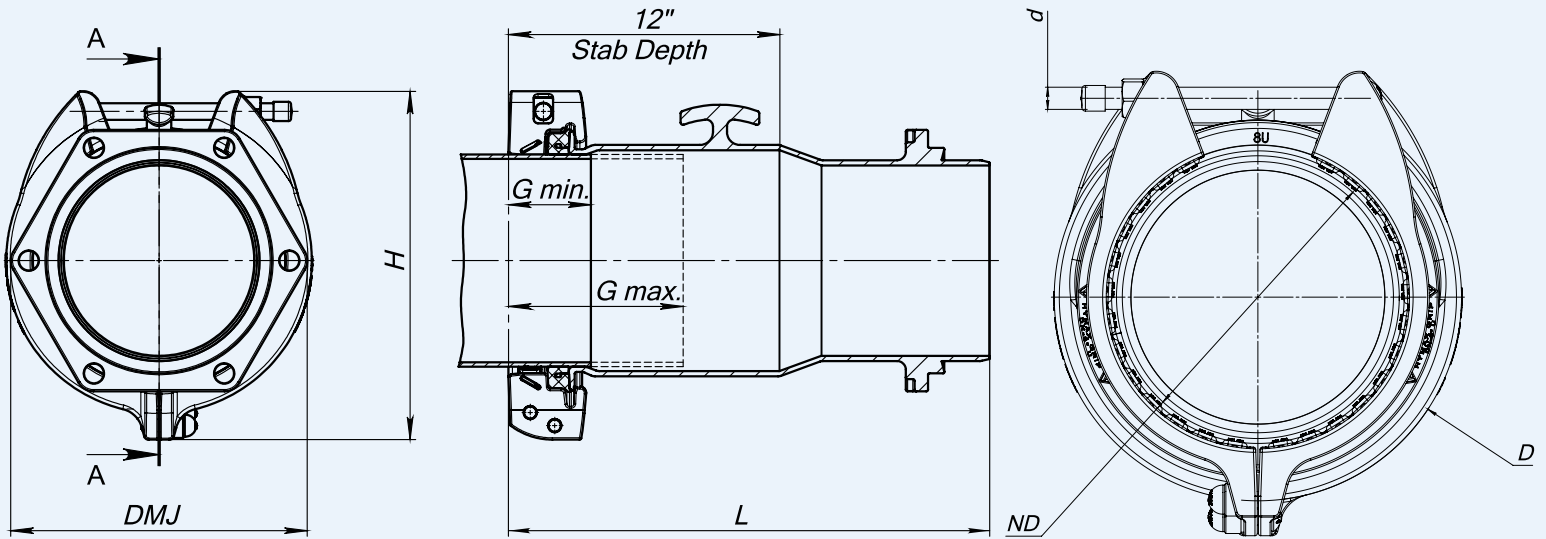
**VACUUM TEST** 12 PSI

**PRESSURES & ΔT**

ΔT - HDPE pipe expands and contracts with changes in temperature and exerts large pull-load forces on the coupling. ΔT for HDPE pipe is the change in temperature the coupling can withstand when installed on HDPE pipe.

*HDPE Pipe IPS+DIS			
ND (inch)	Working Pressure (PSI)	Rated Pressure (PSI)	max ΔT for SDR9 (°F)
3	232	350	85
4	232	350	85
6	232	350	85
8	193	290	50
10	163	245	50
12	155	232	35

## PRODUCT TABLE



Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal the inner layer (inch)	After removal the inner layer (inch)	DMJ (inch)	L (inch)	D (inch)	H (inch)	G - Max (inch)	Bolts Qty. -Size	Torque (Ft-Lb)	Approx. Weight (Lb)
791-56-03080-16	3	3.15-4.17	3.15-3.74	3.70-4.17	7.61	21.65	6.93	9.06	5.7	1 - M14	50	29.17
791-56-04111-16	4	4.40-5.10	X	X	9.22	21.65	8.7	10.6	7.5	1 - 5/8"	90	39.1
791-56-06165-16	6	6.50-7.20	X	X	11.12	21.65	10.9	12.9	8.2	1 - 5/8"	110	54.5
791-56-08216-16	8	8.50-9.40	X	X	13.36	21.65	13.8	15.7	6.2	1 - 3/4"	200	79.3
791-56-10270-16	10	10.65-11.55	X	X	15.61	21.65	16.2	18.2	6.3	1 - 3/4"	200	99.74
791-56-12322-16	12	12.68-13.39	X	X	17.88	21.65	17.4	19.8	7.5	1 - 3/4"	200	114.57

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 **KRAUSZ** is the creator of HYMAX

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