

# HYMAX<sup>®</sup>

Repair the past. Connect the future.

## HYMAX CLAMP Wide-Range Repair Solution



### HYMAX CLAMP. MAXIMUM RANGE. MINIMUM EFFORT.

HYMAX Clamps, now offered with only two bolts, are permanently repair holes and longitudinal cracks in water and wastewater pipes. Highly reliable and now even easier to install, HYMAX 2-bolt\* clamps are both extremely efficient and very cost effective. Like in the HYMAX coupling products, the HYMAX Clamp has patented closure mechanism with only two bolts enabling easy installation by one person working alone. The unique wide-range design substantially reduces inventory and on-vehicle stock as one HYMAX Clamp can replace up to three standard competitor's clamps.



\*2-bolt applies to products of up to 12" lengths and up to DN 12"



JOIN



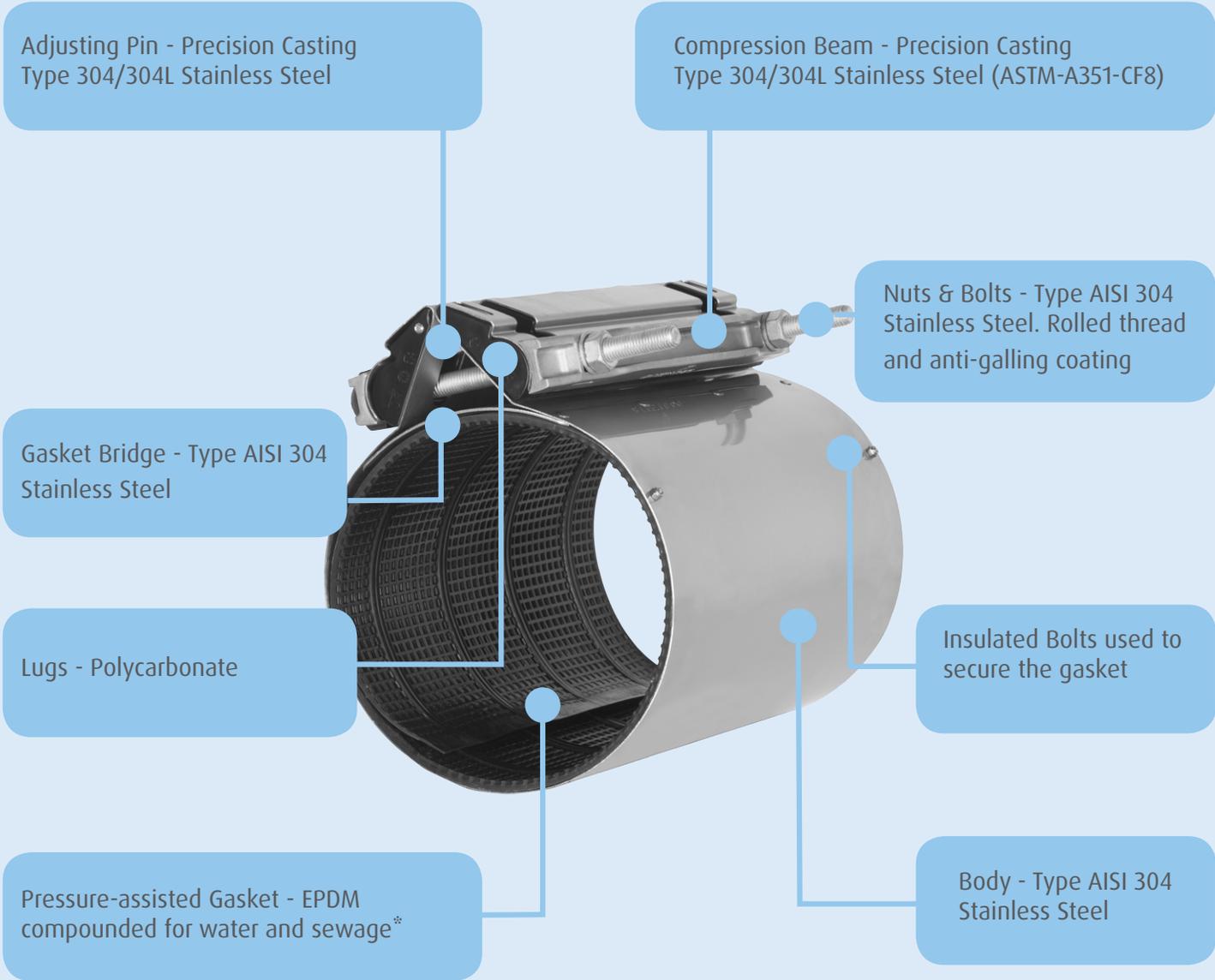
REPAIR



RESTRAIN

 **KRAUSZ** is the creator of HYMAX

# THE HYMAX<sup>®</sup> CLAMP

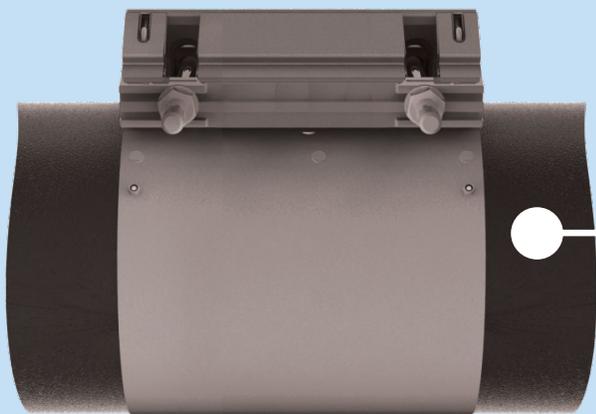


Picture is based on HYMAX CLAMPS 1.5" - 12" - features may vary between different product sizes.

\* Meets international standards for contact with drinking water NSF-61 and NSF-372.

# PRODUCT SPECIFICATIONS

## CONNECTS TO PIPES:



Ductile Iron



Cast Iron



Steel



Copper



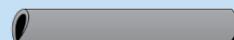
PE



PVC



Asbestos Cement



GRP

# THE HYMAX<sup>®</sup> CLAMP

## AVAILABLE NOW:

### HYMAX Clamp DN 3" - 12" Length 12", Range 0.8", 2 Bolts

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
273-56-0087-10W	3	3.42 - 4.25	150	225
273-56-0113-10W	4	4.47 - 5.27	150	225
273-56-0122-10W	4	4.80 - 5.60	150	225
273-56-0139-10W	6	5.50 - 6.30	150	225
273-56-0167-10W	6	6.60 - 7.40	150	225
273-56-0174-10W	6	6.84 - 7.64	150	225
273-56-0198-10W	8	7.80 - 8.60	150	225
273-56-0218-10W	8	8.60 - 9.40	150	225
273-56-0228-10W	8	9.00 - 9.80	150	225
273-56-0272-10W	10	10.73 - 11.53	150	225
273-56-0288-10W	10	11.35 - 12.15	150	225
273-56-0323-10W	12	12.75 - 13.55	150	225
273-56-0345-10W	12	13.60 - 14.40	150	225

### HYMAX Clamp DN 4" - 12" Length 15", Range 0.8", 3 Bolts

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
274-56-0113-10W	4	4.47 - 5.27	150	225
274-56-0122-10W	4	4.80 - 5.60	150	225
274-56-0139-10W	6	5.50 - 6.30	150	225
274-56-0167-10W	6	6.60 - 7.40	150	225
274-56-0174-10W	6	6.84 - 7.64	150	225
274-56-0198-10W	8	7.80 - 8.60	150	225
274-56-0218-10W	8	8.60 - 9.40	150	225
274-56-0228-10W	8	9.00 - 9.80	150	225
274-56-0272-10W	10	10.73 - 11.53	150	225
274-56-0288-10W	10	11.35 - 12.15	150	225
274-56-0323-10W	12	12.75 - 13.55	150	225
274-56-0345-10W	12	13.60 - 14.40	150	225

# PRODUCT SPECIFICATIONS

## COMING SOON:

### HYMAX Clamp DN 3" - 12" Length 6", Range 0.8", 2 Bolts\*

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
271-56-0087-10W	3	3.42 - 4.25	150	225
271-56-0113-10W	4	4.47 - 5.27	150	225
271-56-0122-10W	4	4.80 - 5.60	150	225
271-56-0139-10W	6	5.50 - 6.30	150	225
271-56-0167-10W	6	6.60 - 7.40	150	225
271-56-0174-10W	6	6.84 - 7.64	150	225
271-56-0198-10W	8	7.80 - 8.60	150	225
271-56-0218-10W	8	8.60 - 9.40	150	225
271-56-0228-10W	8	9.00 - 9.80	150	225
271-56-0272-10W	10	10.73 - 11.53	150	225
271-56-0288-10W	10	11.35 - 12.15	150	225
271-56-0323-10W	12	12.75 - 13.55	150	225
271-56-0345-10W	12	13.60-14.40	150	225

### HYMAX Clamp DN 1.5" - 2.5" Length 9", Range 0.3", 2 Bolts\*

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
268-56-0047-10	1.5	1.86 - 2.16	150	225
268-56-0059-10	2	2.35 - 2.65	150	225
268-56-0072-10	2.5	2.85 - 3.15	150	225

\* Until HYMAX Clamps become available in these sizes, you may purchase EZ-MAX Clamps instead. For details refer to our website: [www.krauszusa.com](http://www.krauszusa.com)

# THE HYMAX<sup>®</sup> CLAMP

## HYMAX Clamp DN 3" - 12" Length 9", Range 0.8", 2 Bolts\*

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
272-56-0087-10W	3	3.42 - 4.25	150	225
272-56-0113-10W	4	4.47 - 5.27	150	225
272-56-0122-10W	4	4.80 - 5.60	150	225
272-56-0139-10W	6	5.50 - 6.30	150	225
272-56-0167-10W	6	6.60 - 7.40	150	225
272-56-0174-10W	6	6.84 - 7.64	150	225
272-56-0198-10W	8	7.80 - 8.60	150	225
272-56-0218-10W	8	8.60 - 9.40	150	225
272-56-0228-10W	8	9.00 - 9.80	150	225
272-56-0272-10W	10	10.73 - 11.53	150	225
272-56-0288-10W	10	11.35 - 12.15	150	225
272-56-0323-10W	12	12.75 - 13.55	150	225
272-56-0345-10W	12	13.60-14.40	150	225

## HYMAX Clamp DN 1.5" - 2.5" Length 12", Range 0.3", 2 Bolts\*

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
269-56-0047-10	1.5	1.86 - 2.16	150	225
269-56-0059-10	2	2.35 - 2.65	150	225
269-56-0072-10	2.5	2.85 - 3.15	150	225

\* Until HYMAX Clamps become available in these sizes, you may purchase EZ-MAX Clamps instead. For details refer to our website: [www.krauszusa.com](http://www.krauszusa.com)

# PRODUCT SPECIFICATIONS

## HYMAX Clamp DN 4" - 12" Length 24", Range 0.8", 4 Bolts\*

Krausz Part Number	DN (inch)	Working Range (inch)	Working Pressure (PSI)	Rated Pressure (PSI)
277-56-0113-10W	4	4.47 - 5.27	150	225
277-56-0122-10W	4	4.80 - 5.60	150	225
277-56-0139-10W	6	5.50 - 6.30	150	225
277-56-0167-10W	6	6.60 - 7.40	150	225
277-56-0174-10W	6	6.84 - 7.64	150	225
277-56-0198-10W	8	7.80 - 8.60	150	225
277-56-0218-10W	8	8.60 - 9.40	150	225
277-56-0228-10W	8	9.00 - 9.80	150	225
277-56-0272-10W	10	10.73 - 11.53	150	225
277-56-0288-10W	10	11.35 - 12.15	150	225
277-56-0323-10W	12	12.75 - 13.55	150	225
277-56-0345-10W	12	13.60 - 14.40	150	225

## HYMAX Clamp DN 1.5" - 2.5" Length 6", Range 0.3", 2 Bolts\*

## HYMAX Clamp DN 14" - 26" Length 12", Range 0.8", 4 Bolts\*\*

## HYMAX Clamp DN 14" - 26" Length 15", Range 0.8", 6 Bolts\*\*

## HYMAX Clamp DN 14" - 26" Length 24", Range 0.8", 8 Bolts\*\*

\* Until HYMAX Clamps become available in these sizes, you may purchase EZ-MAX Clamps instead.

\*\* EZ-MAX is currently available in these sizes - Made To Order.

For details refer to our website: [www.krauszusa.com](http://www.krauszusa.com)

# THE HYMAX<sup>®</sup> CLAMP



## Easy to use

- With only two bolts to tighten, installation is easy and minimizes worker-time in the ditch.
- No need to re-torque bolts like other clamps in the market.
- Patented bolt holder enables one-person installation.
- With a single top-facing locking mechanism (clamps up to 12") or two top-facing locking mechanisms (14" - 24").
- Wraparound clamp that can slide over the pipe before final positioning and closing.



## Durable and long-life design

- All metal parts are made from 100% stainless steel.
- Once installed, HYMAX CLAMP becomes a permanent part of the pipe that can reliably endure harsh ground conditions.
- HYMAX Clamp's single-fold design eliminates welding and fortifies corrosion resistance.
- One Piece design delivers fortified strength and enhanced flexibility.
- Gasket is securely connected to the body of the clamp with insulated bolts, not glue.



# FAMILY FEATURES



## Wide range portfolio

- HYMAX CLAMP has an extra-wide work range of up to 1.6" that can be used on a range of pipe sizes and materials - up to double the market standard.
- HYMAX wide range clamps can replace up to 3 standard clamps.



## Extreme performance

- Mat-type gasket with pressure ring sealing capabilities for superior sealing.
- Patented reinforced material embedded on back of gasket to prevent creeping and loss of torque.
- Advanced Molecular Anti-Galling (MAG) unique dry treatment process on nuts and bolts, based on embedded zinc, prevents galling and enables repeated bolt tightening; it also eliminates the need for grease, preventing dust and dirt build-up.

Hymax Clamps are available with EDPM gaskets





## HYMAX® CLAMP Product information

1. HYMAX Clamp meets or exceeds all specifications AWWA C230, NSF-61, and NSF-372.
2. Body: AISI 304 Stainless Steel.
3. Pressure Assisted Gasket: EPDM compounded for water and sewage meets international standards for contact with drinking water NSF-61 and NSF-372.
4. Gasket bridge: AISI 304 Stainless Steel.
5. Compression beam: AISI 304/304L Precision Casting (ASTM-A351-CF8).
6. Lugs: Polycarbonate.
7. Nuts & Bolts: AISI 304 Stainless Steel. Rolled thread and anti-galling coating.
8. Working pressure: 150 PSI.
9. Rated pressure: 225 PSI.
10. Working temperature: -20°F up to +180°F.

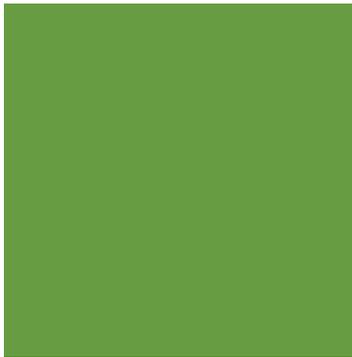
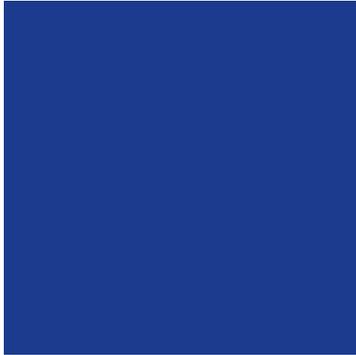
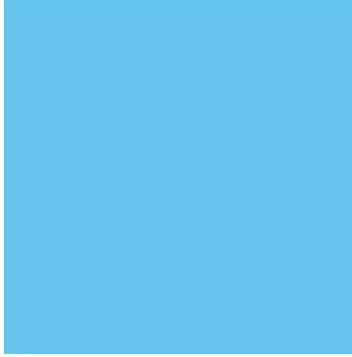
\* Data may vary according to product type and size. For product specification sheet please refer to our website: [www.krauszusa.com](http://www.krauszusa.com)

# 90 YEARS OF INNOVATIVE PIPE JOIN AND REPAIR SOLUTIONS



For 90 years, Krausz, the creator of HYMAX has developed and manufactured market-leading products for the repair and connection of different pipe types in the potable water and sewerage markets. We have a solid reputation selling a wide variety of innovative, easy-to-use, durable products that save time and reduce inventory.





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