

HYMAX GRIP®

WIDE-RANGE RESTRAINT SOLUTIONS

MIDDLE RING + T HANDLE -
Ductile Iron Casting

GASKET BRIDGE -
Type AISI 304 Stainless Steel

SPHERICAL SPACER -
Type AISI 304 Stainless Steel

GRIP CHAIN -
Restrains both metal and
plastic pipes

GASKET -
EPDM and NBR available, both are compounded
for water and sewage. Check the different
configurations for data - pressure, gasket type
and fastener materials. Meet NSF-61 and NSF-372
standards for contact with drinking water.

NUTS & BOLTS -
Type AISI 304 Stainless
Steel Rolled thread and
anti-galling coating

COATING -
100% fusion bonded
epoxy for enhanced
corrosion protection

END RING -
1.5"-3" - Cast Steel
4"-12" - Ductile Iron Casting
14",16" - Cast Steel

HYMAX®
Repair the past. Connect the future.
KRAUSZ is the creator of HYMAX

HYMAX GRIP® PRODUCT PROTFOLIO

THE HYMAX GRIP® FAMILY FEATURES



**HYMAX GRIP
COUPLING RESTRAINT**
Nominal Pipe Size 1.5"-12"



**HYMAX GRIP
FLANGE ADAPTOR**
Nominal Pipe Size 1.5"-12"



**HYMAX GRIP
END CAP**
Nominal Pipe Size 1.5"-12"



Ease of use

- Ready to use, stab-fit design features top-facing bolts for quick and easy installation, reducing time in the ditch and improving worker safety.
- Comfortably slides over the pipe before final positioning.



Multiple applications

- Suits a wide range of pipe diameters, replacing the need to use dedicated products and thus reducing inventory costs and saving shelf space.
- The HYMAX GRIP fits different types of plastic and metal pipes and allows transition capability of up to 1.1".



Unmatched performance

- Patented pipe grip – universal gripping system designed to restrain metal and plastic pipes.
- The unique patented radial closing mechanism holds pipes tightly in place during installation, allowing full control over the gap between pipes.
- The patented GRIP chain offers circular restraint around the pipe, unlike typical wedge - style restraints that point-load the pipe.
- As the pipe applies axial pressure, the GRIP chain increasingly tightens over the pipe, preventing pullout.



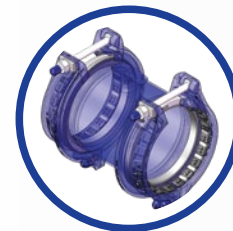
HYMAX GRIP LARGE DIAMETER
Nominal Pipe Size 14", 16"



HYMAX GRIP SWIVELJOINT
Nominal Pipe Size 4"-12"



HYMAX GRIP MJ CUT-IN SLEEVE
Nominal Pipe Size 3"-12"



Extremely durable design

- High-quality sealing solution – Patented hydraulically-assisted gasket features two-stage sealing: mechanical sealing that is effective under vacuum or non-pressure and self-inflated gasket using water pressure.
- Advanced molecular anti-galling (MAG) on nuts and bolts, prevents galling and enables repeated bolt tightening; it also eliminates the need for grease, preventing dust and dirt build-up.
- Fusion-bonded epoxy coating enables an insulated product and prevents corrosion.
- Innovative radial closing design and sealing systems eliminate installation errors.



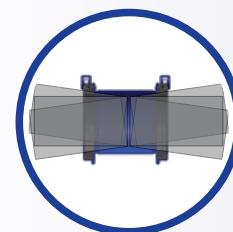
**HYMAX GRIP FLANGE ADAPTOR
WITH CATHODIC PROTECTION**
Nominal Pipe Size 4"-12"



**HYMAX GRIP FLANGE ADAPTOR
(ROUND FLANGE)**
Nominal Pipe Size 1.5"-3"



**HYMAX GRIP FLANGE ADAPTOR
(OVAL FLANGE)**
Nominal Pipe Size 1.5"/2", 2.5"

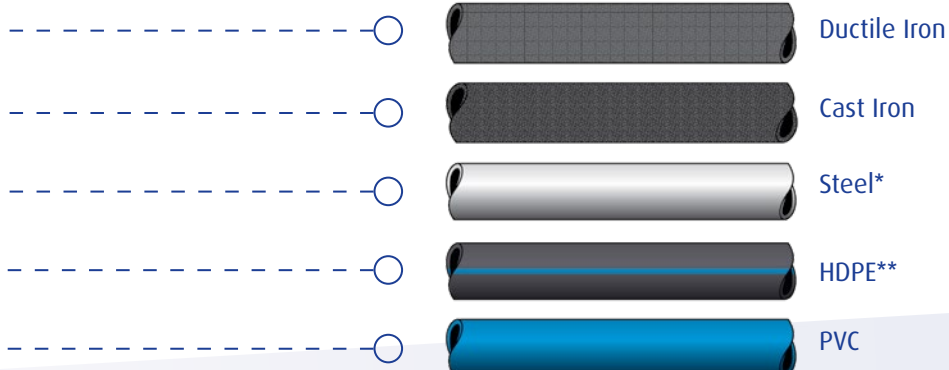


Flexible connection

- Allows up to 4° angular deflection on each end.
- Absorbs post-installation dynamic pipe deflection of up to 4° on each end, reducing the risk of damage and cracking due to ground shifts and temperature changes.
- Adapts to out-of-round pipe shape (up to 0.16"), for optimum fit on both ends.



ADDRESSING THE COMPLETE RANGE OF PIPE TYPES



The HYMAX GRIP provides the best join and restraint solution for:

- Section replacement near angle, T or dead-ends
- Replacing old restraint section/product
- Dead-end pressure testing
- A restraint system currently in use or being installed

*Except sizes 14" and 16"

**For HDPE pipe use full circle stiffeners

WHO WE ARE

Krausz Industries, the creator of HYMAX, develops, designs, and manufactures market-leading smart products for repairing and connecting different types of pipes for both potable water and sewage. In 100 years of industry leadership, and millions of installations worldwide, Krausz has earned a solid reputation for providing innovative, high-quality products, that meet installers' field needs. From 1.5" to 85" and custom-made products according to customers' requirements, with a radial closing mechanism of only 2-4 top-facing bolts, enabling faster and safer installation. The HYMAX product lines save costs by reducing inventory and providing long lasting value.

In 2018, Krausz was acquired by Mueller Water Products, inc.(NYSE: MWA), Mueller Water Products is a leading manufacturer of products and services used in transmission, distribution and measurement of water in North America. Mueller's broad product and service portfolio includes engineered valve, fire hydrants, pipe connection and repair products, metering products, leak detection and pipe condition assessment.

