HYMAX GRIP®

WIDE-RANGE RESTRAINT SOLUTIONS

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

SPHERICAL SPACER - Type AISI 304 Stainless Steel

GASKET BRIDGE - Type AISI 304 Stainless Steel

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.

GRIPT CHAIN - Restrains both metal and plastic pipes

END RING - 1.5”-3” - Cast Steel
4”-12” - Ductile Iron Casting

COATING - 100% fusion bonded epoxy for enhanced corrosion protection

MIDDLE RING + T HANDLE - Ductile Iron Casting

HYMAX®
Repair the past. Connect the future.

KRAUZ is the creator of HYMAX
HYMAX GRIP® PRODUCT PORTFOLIO

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”

HYMAX GRIP REDUCER
Nominal Pipe Size 1.5”-12”

HYMAX GRIP CATHODIC
Nominal Pipe Size 1.5”-12”

HYMAX GRIP ELBOW
Nominal Pipe Size 4”-12” 45° AND 90°

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”

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

HYMAX GRIP FLANGE ADAPTOR (ROUND FLANGE)
Nominal Pipe Size 1.5”-3”
THE HYMAX GRIP® FAMILY FEATURES

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.

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.

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.
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) 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.

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

* For HDPE pipe use full circle stiffeners