

REPAMAX®

Versatile Stainless Steel
Wide-Range Couplings

Joins as a coupling. Repairs as a clamp.



REPAMAX



HYMAX



GRIP



EZ-MAX



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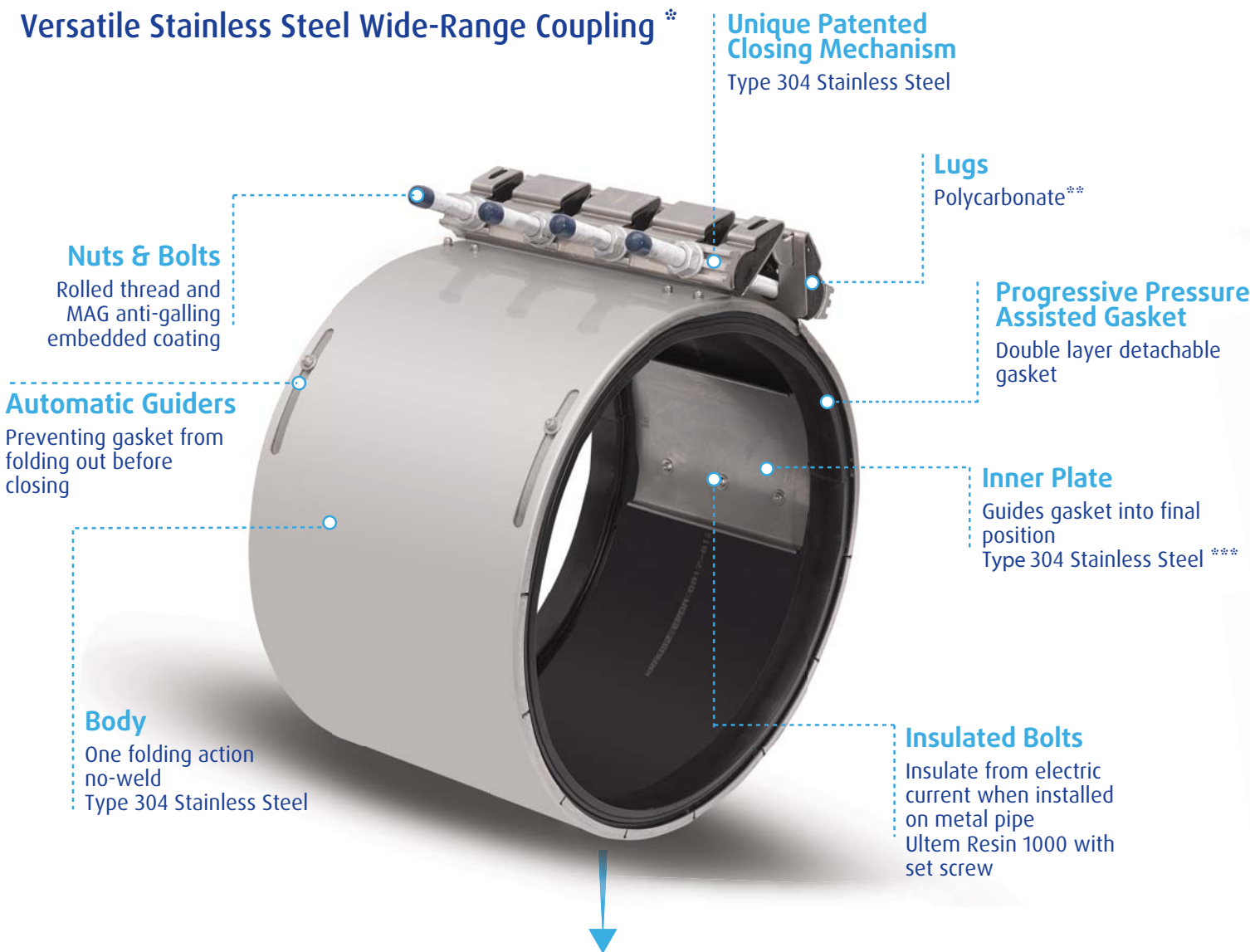
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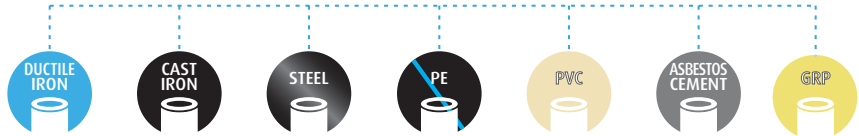
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REPAMAX® Product Information

Versatile Stainless Steel Wide-Range Coupling *



SUITABLE FOR THESE PIPE MATERIALS:



* Picture is based on Repamax Range 32mm
**Type 304 Stainless Steel Casting on some high pressure products
***Coated with Rilsan Nylon for sewage applications

	Working Range (mm)	DN (mm)	Width (mm)
 REPAMAX® 12	12	40-80	140, 280
 REPAMAX® 22	22	80-400	140, 210, 280
 REPAMAX® 32 *	32	150-600	210, 280
 REPAMAX® XL Made to Order	10 10	650-1150 650-1800	210 280

*Not available with NBR gasket



REPAMAX® Family Features

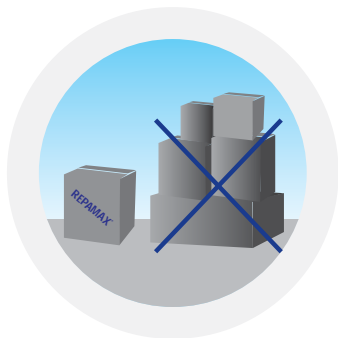
REPAMAX®. Versatile Stainless Steel Wide-Range Couplings.

Krausz REPAMAX products provide a highly versatile stainless steel coupling solution for connecting and repairing a wide range of water and wastewater pipes. This family of products also stands out for its exceptional durability and flexibility and its best fit for aggressive soil conditions. Krausz REPAMAX can join pipes with the same or different diameters and repair holes and cracks. This multi-functionality, together with unique, extra-wide tolerance, enables smaller inventories, saving cost and shelf space.



Highly versatile solution

- Multi-purpose stainless steel coupling that can be used for either joining or repairing pipes, reducing and simplifying inventory.
- Extensive portfolio of products with nominal pipe sizes from 40mm up to 1800mm and product widths of 140mm, 210mm and 280mm.
- One single product can connect pipes of two different materials, allowing transition capability of up to 10mm.



Reduces inventory costs

- Substantially reduces inventory costs and saves shelf space as products suit a wide range of pipe diameters, eliminating the need for two lines of products - dedicated wrap-around and coupling products.
- Mobile utility service teams can address most emergency needs while keeping only a small number of products on hand, reducing unplanned supply runs to and from the warehouse.



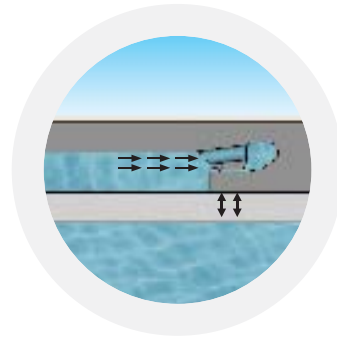
Exceptionally durable

- Stainless Steel coupling with weld-free construction.
- High quality sealing solution features two-stage sealing: mechanical sealing that is effective under non-pressure, and self-inflating gasket using water pressure.
- Perfect fit for aggressive soil conditions.
- Innovative radial closing mechanism and sealing systems eliminate installation errors.
- Monoblock design delivers fortified strength and enhanced flexibility.
- Gasket and inner plate attached with insulated bolts to prevent galvanic corrosion due to contact between the metal pipe and the Repamax.



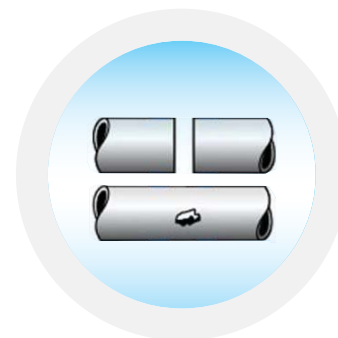
Flexible connection

- During installation, allows for up to 3° angular deflection on each end, as well as for misaligned pipes.
- Absorbs post-installation dynamic pipe deflection of up to 3° 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 8mm), for optimum fit on both ends.
- Patented progressive pressure-assisted gasket self-inflates as water pressure rises.



Easy to use

- Unique patented bolt holder enables one-person installation.



The REPAMAX® stainless steel coupling can also be used for the following applications:

- Best coupling for aggressive soil conditions
- Bell joint replacement
- High pressure configurations
- Conventional section replacement for high pressure sewage pipes
- Shear breaks
- Ideal for misaligned pipes
- Sleeve joint replacement



REPAMAX® Product Information

All products meet or exceed standards NSF-61 and NSF-372.

Body:

- AISI 304 Stainless Steel.

Progressive Pressure-Assisted Gasket:

- EPDM compounded for water and sewerage, meets international standards for contact with drinking water: KTW, W270, XP P 41-250, and BS 6920. Also meets DIN EN 681-1 for water and drainage applications.
- NBR compounded (for ranges 10mm, 12mm, and 22mm), meets DIN EN 682 for gas supply mains and pipeline applications.

Gasket Bridge:

- AISI 304 Stainless Steel.

Inner Plate:

- AISI 304 Stainless Steel connected with reinforced insulated bolts made from Ultem resin 1000, with insert socket set screw AISI 316.

Lugs:

- Polycarbonate for regular pressure products.
- AISI 304 Casting (ASTM A-351 CF8) for some high pressure products.

Nuts & Bolts:

- AISI 304 Stainless Steel. Rolled thread and anti-galling coating.

Dynamic Deflection:

- Up to 3° per side.

Max. Offset for Misaligned Pipe:

- Length 140mm - Up to 6mm.
- Lengths 210mm and 280mm - Up to 10mm.

* Data may vary according to product size and type. For complete technical information please refer to product specification sheet.

Transition Capability:

- Up to 10mm.

Working Range:

- 12mm range: DN 40 - 80mm
- 22mm range: DN 80 - 400mm
- 32mm range: DN 150 - 600mm
- 10mm range: DN 650 - 1800mm

Working Pressure (valid for products with EPDM gasket):

- Regular working pressure products:
DN 40 - 125mm: 16 bar
DN 150 - 500mm: 12 bar
DN 600mm: 11 bar
- High working pressure products:
DN 40 - 125mm: 24 bar
DN 150 - 600mm: 16 bar
DN 650 - 1800mm: For both regular and high working pressure information, please contact your local Krausz distributor. Refer to our website for contact information: www.krausz.com.

Rated Pressure:

- 1.5 x Working Pressure.

Working Temperature:

- Continuous Operation:
EPDM gasket: -30°C up to +85°C
NBR gasket: -20°C up to +70°C
- Short Time Operation:
EPDM gasket: up to +100°C

Vacuum Test:

- 0.8 Bar.

KRAUSZ 90 Years of Innovation



OF INNOVATIVE PIPE JOIN AND REPAIR SOLUTIONS

Krausz Industries develops, designs, and manufactures market-leading smart products for repairing and connecting different types of pipes for potable water and sewage.

During more than 90 years of industry leadership, Krausz has earned a solid reputation for innovative, high-quality products that are exceptionally easy to use and are extremely durable; products that save significant time and cost in installation, inventory and maintenance.

With millions of installations worldwide, Krausz products expertly meet immediate connection and repair needs and prevent future pipe damage, delivering long-lasting value.

