

# Norclamp Infinity®

Technical datasheet



# About

The Norclamp clamp family represents the pinnacle of Norway's renowned subsea technology solutions, developed through decades of engineering innovation to withstand harsh weather, deep waters, and strict regulatory standards. For over thirty years, our exceptional mechanical fittings have played a vital role in repairing and maintaining subsea pipelines across the globe.

The Norclamp clamp family has been designed to offer a seamless solution for sealing pipeline leaks and reinforcing weakened pipeline walls without the need for costly shutdowns or production losses. Thanks to its pioneering engineering, installation is swift and effortless. Our clamp family mainstay consists of our Split, Compact and Infinity clamps. These workhorses are standardised models developed and fine-tuned through years of engineering focus.



# Technical data

The patented Norclamp Infinity is a groundbreaking addition to the industry-leading Norclamp family, featuring the first-to-market sealing connector. This innovative modular clamp is specifically engineered to overcome sealing challenges in extended lengths of piping where traditional single clamps fall short, allowing multiple clamps to be easily interconnected to achieve the required length.

## Key features of the Norclamp Infinity series include:

- **Modular Design** - Allows for the reinstatement of sealing capacity in flow lines and pipelines, providing flexibility and adaptability for various repair needs.
- **360-Degree Sealing** - The clamp employs a 360-degree compression packer that completely envelops the damaged area, ensuring a reliable seal.
- **Enhanced Structural Integrity** - The optional structural end module, equipped with slips on both sides of the packer, reinforces the pipeline's structural integrity.
- **Expandable System** - Additional clamps can be seamlessly connected, allowing unlimited extensions and future repairs as needed.
- **Future-Proof Solutions** - The Design supports easy connection of supplementary clamps, facilitating repairs beyond the original repair zone if new defects arise.
- **Simple and rapid diver installation.**
- **Reliable and robust design** based on the tried and tested Norclamp split clamp, modified to support continuous modularity with unique Infinity connections.
- **Well suited for installation** where structural or sealing issues are suspected to continue longitudinally, or where additional repair is likely required in the future.
- **Very well suited for correction of pipeline** where corrosion and other defects extend beyond typical clamp lengths.

# Key benefits

# Specifications

<b>Design code</b>	DNVGL-RP-F113	<b>Pipeline size</b>	Up to 48"
<b>Installation</b>	Diver	<b>Working pressure</b>	Up to 500 psi (35 barg)

CLAMP SIZE	LENGTH	PRESSURE RATING	ELASTOMERS	WEIGHT (in air)	MATERIAL
48"	1,3 m	500 psi	HNBR*	3000 kg	P355
42"	1,3 m	500 psi	HNBR*	2000 kg	P355
30"	1,3 m	500 psi	HNBR*	1000 kg	P355

\* Elastomers according to ISO 23936-2 / NORSOK M-710

Specifications subject to change without notice.

