wel-lok™ MXD
Maximum Drift

Provide a Seal in Through Tubing Applications, Wells with Restrictions & Large Diameter Casings

Differential Pressure	Up to 10,000 psi
Maximum Tool Pressure Rating	20,000 psi
Temperature Range	0 - 175°C
Conveyance	Eline, Slickline, Coiled Tubing, Drill Pipe
ADR Classification	Not classified as dangerous goods
Casing Grade	All grades
Max Well Bore Deviation At Setting Depth	0 - 62°

Application

The wel-lok™ MXD (Maximum Drift) has been specifically developed for rigless through tubing applications. This tool has a smaller OD and a higher expansion ratio than other wel-lok™ tools allowing it to pass through narrow restrictions and create V0 gas tight seals.

The tool is deployed with its own bailer system and basket to create a gas tight seal in a single trip.

wel-lok™ MXD Features

- Advanced bismuth alloy technology with expanding metal seals
- Non-elastomeric seals
- Wireline deployable single trip solution
- Customizable for API and Non API Casing size
- Quick setting time - ready to pressure test in hours
- High expansion through tubing solutions available

wel-lok™ MXD Benefits for Intervention

- Non-corrosive and not affected by H_2S, CO_2 or acids
- Reduced environmental impact
- Permanent solution
- V0 Qualified ISO 14310 Gas Tight “Eternal” Barriers
- Can seal in damaged, irregular or oval tubulars

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wel-lok™ MXD Technical Specifications

Tubing/Casing Size	Max Sealing Diameter*	Tool OD
3 ½”	2.99”	2.13”
4 ½”	4.09”	2.13”
5”	4.58”	2.13”
5 ½”	5.01”	2.38”
6 ⅝”	6.05”	2.38”
7”	6.54”	2.38”
7 ⅝”	7.03”	2.75”
9 ⅝”	9.00”	3.00”
10 ¾”	10.19”	3.25”

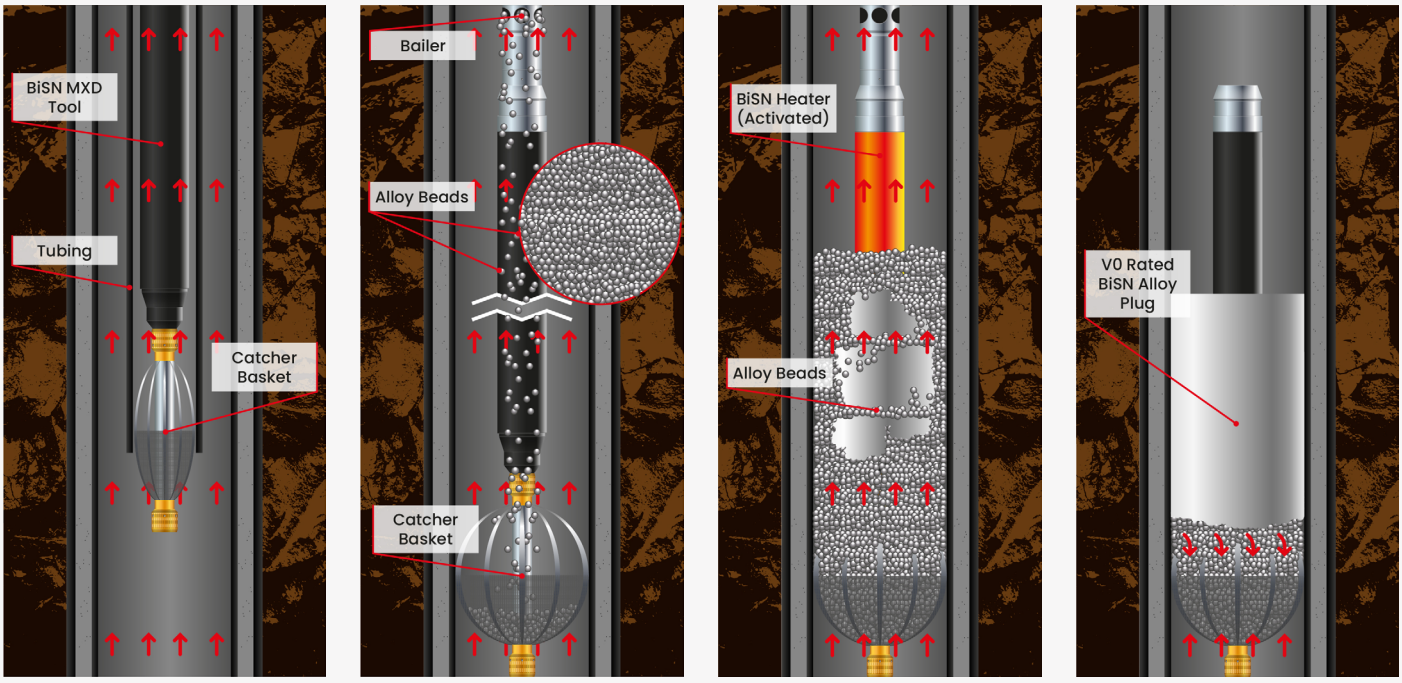
**Or comparable open hole.*

wel-lok™ Technology Overview

The wel-lok™ technology consists of utilising a modified chemical reaction heater to melt bismuth-based alloys downhole. The melted alloys have a viscosity similar to water, and a specific gravity 10 times that of water, allowing them to flow into the smallest areas of a wellbore without the need of any surface pumping equipment. As the alloys cool and solidify, they expand to provide a seamless gas tight seal that is non-corrosive and not affected by H_2S or $C0_2$.

Scan above to find out more

About the Application



As world leaders in the use of bismuth-based alloys and chemical reaction heaters in the downhole environment, BiSN has a portfolio of products aimed at tackling some of the most difficult issues faced by the oil and gas industry. We pride ourselves in building a responsive long-term working relationship with our customers and working closely with them to provide innovative solutions. With many hundreds of commercial deployments with all operators, in all conditions and with wide regulatory oversight globally, wel-lok™ technology is changing the face of downhole sealing in the energy industry.
See our website for our extensive case study portfolio as well as further information about us and our investors.

Seal Safer, **Protect** Forever.

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