



VIKING JOHNSON

World leaders in pipe joints and repair products

Stainless Steel Repair & Tapping Solutions - HANDIRANGE



The Viking Johnson HandiRange has been developed to provide a comprehensive range of Stainless Steel repair and tapping products to serve the needs of today's Water Industry. The HandiRange comprises HandiClamp, HandiTap and HandiBand.

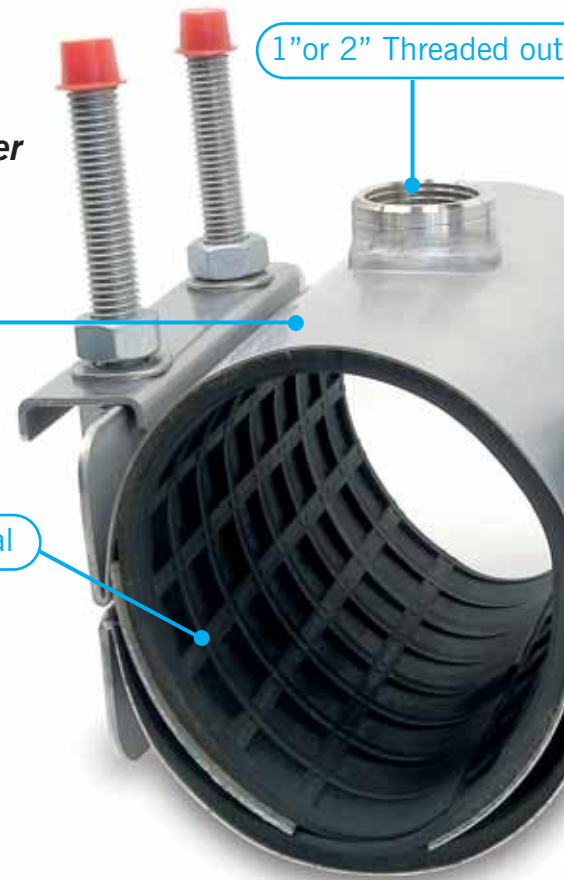
HandiClamp

HandiClamp is a repair clamp constructed 100% from stainless steel and is designed to effect a first time, permanent repair on any type of pipe damage. It is suitable for use on cast iron, ductile iron, steel, PVCu, polyethylene (PE), asbestos cement (AC) and copper pipes.



▼ Singleband HandiClamp

▲ Doubleband HandiClamp

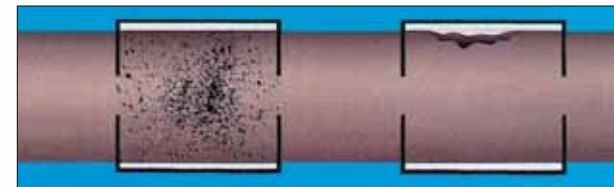


Corrosion resistant

First time seal

▼ Figure 1.

Types of Damage that HandiRange products



Corrosion holes

Impact damage

NB: HandiBand products will repair localised damage only.

HandiTap

HandiTap provides a quick, cost effective method of installing or replacing service pipe connections whilst under operating pressure. Connections can be made without any interruption to the water supply. It has the same design features as HandiClamp and incorporates either a 1" or 2" female threaded outlet. The product can be used with standard underpressure drilling equipment.



HandiBand

HandiBand is a cost effective, high quality repair clamp designed to effect permanent repairs to small bore pipes. HandiBand forms a leaktight seal on localised pipe damage.

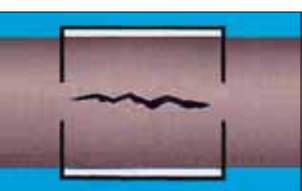


let



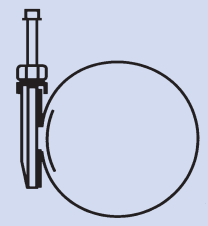
Captive bolts - Ease of installation

will seal



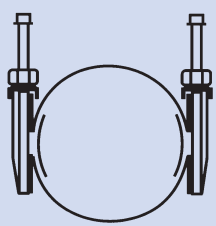
Longitudinal cracks

Types of HandiClamp and HandiTap available



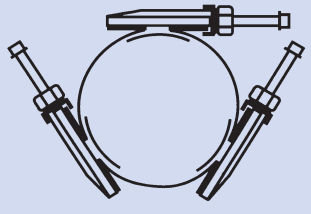
SINGLE BAND

OD Tolerance Range = 10mm/0.375"
Min OD size = 48mm/2"
Max OD size = 350mm/14"
Max Clamp Length = 300mm/12"



DOUBLE BAND

OD Tolerance Range = 20mm/0.75"
Min OD size = 88mm/3 1/2"
Max OD size = 450mm/18"
Max Clamp Length = 600mm/24"



TRIPLE BAND

OD Tolerance Range = 30mm/1.25"
Min OD size = 270mm/10 1/2"
Max OD size = 600mm/24"
Max Clamp Length = 600mm/24"

HandiRange features and benefits

First time seal

HandiRange products guarantee a reliable seal, even on badly corroded pipes (see Figure 1). Incorporated within the HandiClamp and HandiTap designs is a unique 'waffle' gasket which provides a leaktight, all-encompassing seal.

NB: The HandiBand is designed to perform localised repairs only. It will not seal circumferential breaks.

Minimise stock holding

HandiRange products offer the ability to reduce stocks due to their wide tolerance range. This allows one fitting to suit most popular pipe materials of the same nominal bore. The tolerance range will vary according to product and size.

Ease of installation

HandiRange products allow rapid and easy installation even under adverse site conditions. All the products feature self retaining bolts and require no specialist equipment. HandiClamp and HandiTap are now supplied with the nuts Dacromet plated to prevent galling. Standard underpressure drilling equipment can be used with HandiTap.

Corrosion protection

HandiRange products are well equipped to withstand corrosion, eliminating the need for further protection such as on-site wrapping. For long term corrosion protection, all HandiClamp and HandiTap components are constructed of fully passivated Stainless Steel (Grade 304).

Comprehensive range

HandiClamp and HandiTap are available in single, double or triple band styles. The complete HandiRange can be supplied in various clamp lengths to meet your requirements.

Size range

HandiBand: DN15/0.5" to DN50/2". **HandiClamp and HandiTap:** DN50/2" to DN600/24".

Pipe materials

HandiRange products are suitable for use on the following pipe materials: **HandiBand:** Steel, Copper, PVCu and ABS.

HandiClamp and HandiTap: Cast iron, ductile iron, steel, asbestos cement, PVCu, PE*, copper and ABS.

*When using products on PE consideration to product length must be given. Contact Viking Johnson Marketing for further details.

HandiTap underpressure features and benefits

No costly mains shutdown

Costs are reduced as the **HandiTap** allows pipe branch connections to be made whilst the main line remains pressurised. This avoids:

- a) Any potential expense of informing customers of a shutdown period.
- b) Any pumping diversion expense.
- c) Cost of emptying, refilling and disinfecting the main.
- d) Any dirty water complaints, common after supplies have been interrupted (due to the hydraulic effects of water scour and pressure surge).



ISO 9001



ISO 14001

Tel: +44 (0)1462 443322
Fax: +44 (0)1462 443311
email: info@vikingjohnson.com
www.vikingjohnson.com

46-48 Wilbury Way
Hitchin Hertfordshire
SG4 0UD
United Kingdom



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CRANE

A Crane Co. Company

For further information on all Viking Johnson products and services contact our Marketing Department.