

HVA NIRO® Stainless steel pipe bends



Highly wear-resistant stainless steel pipe bends have a service life 5 to 20 times longer than that of standard stainless steel pipe bends. This high degree of wear protection is required, for example for conveying fibreglass-reinforced plastic granules or similarly abrasive media.

Those bends produced on Mandrel Bending machines and are made of Material 1.4301 (AISI 304). With a special hardening process (Nitriding) those pipes achieve a hardness of approx. 1.200 HV1 (Vickers) at a depth of 10-20 µm.

HVA NIRO® stainless steel pipe bends are available in the following dimensions:

- **diameters:** from 38.0 mm to 139.7 mm, greater diameters at request
- **wall thickness:** 1.5 mm to 5.0 mm
- **radii:** 75 / 100 / 150 / 250 / 300 / 500 / 800 / 1000 mm

and offer the following characteristics:

- suitable for use of highly abrasive products
- easy installation
- no stepped pipe couplings and no flange connections required
- safe for use with food

Also complete **coupling stations** available in highly wear-resistant versions. Furthermore **highly wear-resistant branch pipes** and reducers are available in all sizes, diameters and angle degrees.

Attention! In case of using these bends in the outer area it could be that the bends will get corrosion. We recommend to use a anticorrosive coating - please ask if you need any help.