



# NAUE GmbH

**Sondermaschinen - und Filterbau**

Am Rotböhl 5  
64331 Weiterstadt

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## NAUE-Aseptic Technology

### Aseptic clamp union with seal face protection

Sterility and cleanliness in Biotechnology and Pharmacy can only be realized permanent by using construction elements with most optimal method of construction. The Naue-aseptic clamp union is one of these construction elements.

The present aseptic clamp union is a perfect tube connection which can be used in Bio-Chemistry, Chemistry, Pharmacy and food processing industry.

- The Naue-aseptic clamp union can be used for the production of durable tube connections without using tools.
- The construction of the aseptic clamp union is such that the O-ring ends in line with the inner surface of the tube. We herewith avoid inner gaps, reduction of the cross section, deep edges and cracks.
- It is chemically extremely resistant.
- Standard material is 1.4571 and 1.4435, on request 1.4539 and Hasteloy C4 etc.
- As seal material any O-ring quality can be used. EPDM is standard.
- Annoying retightening of the connection after the sterilization respectively fluctuation of temperature can be omitted.
- The aseptic clamp union is dimensioned in such a manner that the O-ring can only be deformed defined and not be damaged.
- All pipeline forces are absorbed by the aseptic clamp union without any effect on the seal.
- It is compression-proved up to 10 bar.
- It is internationally introduced.
- It is available from DN 6 up to DN 200 in DIN and ISO, as well as in the American OD-tubing series from 1/4" up to 4".
- It is available in short version (standard) for manual welding as well as in long version (orbital) for automatic welding.
- The clamping seal can also be used by other already existing clamp systems under consideration of the nominal width.
- The piping system can be pigged.
- It is favourable. The additional expenses of this connection are compensated by savings in fabrication.
- The aseptic clamp unions are provided with surface protection, which avoid a damage of the seal surfaces. If there is a damage of the surface protection, this will not influence the closeness.
- The following accessories to complete your product mix are also at your disposal: diaphragm manometers, stainless steel sheathed PTFE tubes, silicone sheathed tubes etc.



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Bitte beachten Sie, daß NAUE-Steril-Rohrverbindungen präzise gefertigte Qualitätsprodukte sind, die in ihrer Gesamtheit die optimalste Verbindung darstellen.

**WICHTIG** ist hierbei der Einsatz von

**„Präzisions-O-Ringen“**

Ersatz-O-Ringe sollten Sie deshalb direkt bei der Firma NAUE GmbH bestellen.

Ein Einsatz von O-Ringen anderer Lieferanten ist nur nach erfolgter Maßkontrolle statthaft.

**Technische Beratung erhalten Sie bei uns  
kostenlos unter Tel.: 0 61 50 / 97 38 - 0**