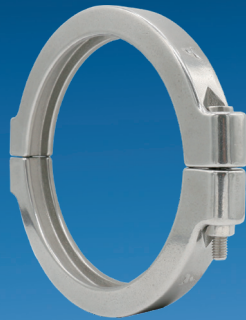


AWH Clamp Brackets

acc. to PED 2014/68/EU

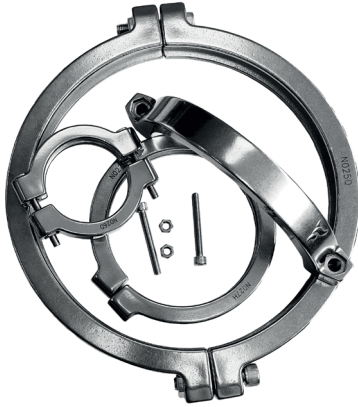
DIN 32676 / ISO 2852 / DIN 11853-3 / DIN 11864-3



General

AWH clamp according to PED 2014/68/EU with component approval according to EN 13445-3 and AD2000 A5

Compatible with DIN 32676 / ISO 2852 / DIN 11853-3 / 11864-3 standards



After the flange connection, the clamp connection is probably the most widely used detachable connection in the world. Whether with a standard clamp seal or as an aseptic O-ring connection. Wherever a detachable hygienic connection is required, they are used.

The new AWH component-tested clamp already complies with the amended AD 2000 Merkblatt A5, which came into force in 2020. Clamps with hinges may only be used to a limited extent.

This applies not only to the use on pressure equipment, but also to pressure retaining equipment and equipment with safety function.

In an experimental test series in accordance with EN 13445-3, we have demonstrated not only compressive strength but also fatigue strength with 1/4 million load cycles.



We have succeeded in developing a clamp with a high compressive strength, in a slim design and with a low weight. This is noticeable in the daily "handling", facilitates the work and creates safety in dealing with pressurized components.

The clamps are made of investment casting material 1.4308 (CF-8). The surfaces are mechanically polished.

Technical Data

Article No.	Nominal width	Flange-Ø in mm (h11)	Pressure in bar*	Tightening torque in Nm	Weight in kg
1114 00 031	DN6 - DN8 / 0,5 inch	25.0	25	6	0.14
1114 00 041	DN10 - DN20	34.0	25	6	0.18
1114 00 071	DN25 - DN 40 / 1 inch	50.5	25	6	0.23
1114 00 081	DN50 / 2 inch	64.0	16	6	0.31
1114 00 591	2,5 inch	77.5	16	6	0.37
1114 00 091	DN65 / 3 inch	91.0	16	6	0.42
1114 00 101	DN80 / 3,5 inch	106.0	10	6	0.50
1114 00 121	DN 100 / 4 inch	119.0	10	6	0.62
1114 00 141	4,5 inch	130.0	10	16	0.86
1114 00 131	DN125 / 5,5 inch	155.0	10	16	1.09
1114 00 151	DN150 / 6,625 inch	183.0	10	32	1.63
1114 00 201	DN200 / 8,625 inch	233.5	10	32	2.19

When using clamp connections, it is mandatory to comply with the laws, regulations, codes and standards applicable at the place of operation. In principle, the connections should only be opened for maintenance and servicing. Further information on the use of clamp connections can be found in the information sheet "Application notes TC clamp connections".

* the maximum pressures are only valid in connection with temperatures of max. 150 °C depending on the sealing material used and the associated standards.



Armaturenwerk Hötensleben GmbH
Schulstr. 5-6
D-39393 Hötensleben

Tel: +49 39405 92-0
Fax: +49 39405 92-111
E-Mail: info@awh.eu
<http://www.awh.eu>

NEUMO Ehrenberg Group

