



Application notes and technical data for AWH TC clamp connections with component approval PED 2014/68/EU according to EN 13445 and AD 2000 leaflet A5

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

Application Notes

- Assembly and disassembly work must always be carried out by trained specialist personnel.
- It must be ensured that the system or pressure vessel is drained, depressurized and cooled down before any work is carried out on the clamp connections.
- Operating instructions of the respective plants and vessels must be observed.
- If screws, nuts or clamping flanges are found to be damaged, bent or chemically attacked, they must be replaced immediately.
- Screws and nuts should be greased and tightened evenly to the opposite screw side using suitable tools.
- Ensure an even gap between the two clamping flanges during installation. See table for tightening torques.
- The compatibility of the gaskets with the standards and with the product and cleaning media used must be ensured.
- The maximum operating pressures in conjunction with the media temperatures must not be exceeded at any time. Information can be found in the table. Pressure surges in the system must be avoided.

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 Zoll	25.0	25	6	0.14
1114 00 041	DN10 - DN20	34.0	25	6	0.18
1114 00 071	DN25 - DN 40 / 1 Zoll	50.5	25	6	0.23
1114 00 081	DN50 / 2 Zoll	64.0	16	6	0.31
1114 00 591	2,5 Zoll	77,5	16	6	0,37
1114 00 091	DN65 / 3 Zoll	91.0	16	6	0.42
1114 00 101	DN80 / 3,5 Zoll	106.0	10	6	0.50
1114 00 121	DN 100 / 4 Zoll	119.0	10	6	0.62
1114 00 141	4,5 Zoll	130.0	10	16	0.86
1114 00 131	DN125 / 5,5 Zoll	155.0	10	16	1.09
1114 00 151	DN150 / 6,625 Zoll	183.0	10	32	1.63
1114 00 201	DN200 / 8,625 Zoll	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.

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