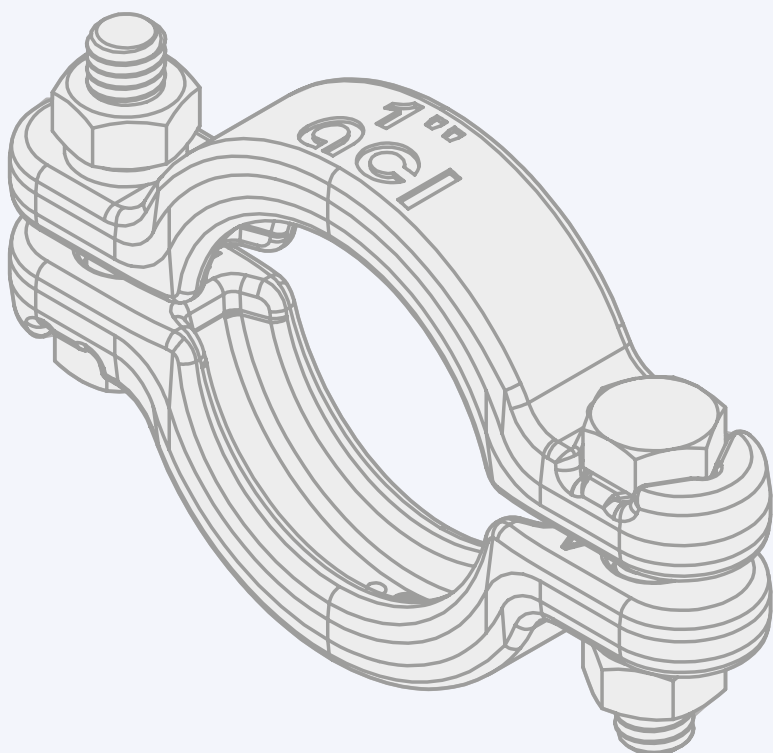


ACL[®] Euro-Pure

Sanitary clamp – EU origin



Advanced Couplings Ltd is now able to offer a clamp that is wholly sourced and produced in the EU. The **Euro-Pure** clamp has been designed to enable production in the EU with increased functionality and quality whilst offering a competitive cost.

The clamp is designed and produced with the environment in mind. Materials are sourced and processed in EU States to minimise CO2 emissions by transportation and more polluting manufacturing methods (See *Clamp carbon cost*).

Material Grade

- 1.4404 (316L) EN 10088 - X2CrNiMo 17-12-2
- Forging tolerances to EN 10243-1 (M2-S2) Forging quality - F

Finishing

- The part will be pickled and passivated after the forging and heat treatment processes.

Applications

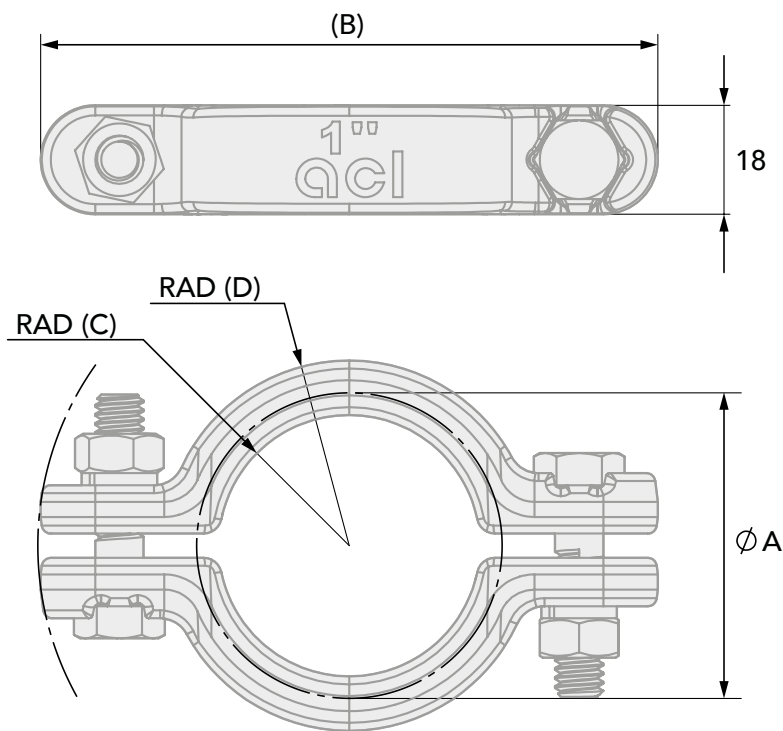
- Pharmaceutical
- Food / dairy
- Chemical processing

Certification/Compliance

- Raw material will be AD2000 W0, W2 and mill will be PED certified
- Clamps will be tested to AD2000 requirements by third party
- Conform to TUV - double bolt required
- Conforms to AD2000 – 6 x MAWP burst test
- Proven CO2 emissions
- Design proven to ASME VIII App 24

ACL® Euro-Pure
Sanitary tri-clamp – EU origin

Dimensions



| Nominal Size | Flange (A) | Radius (C) | Radius (D) | Length (B) | MAWP @ 150C (Acc. APP24) | Torque (Elastomer - Dry) | Torque (Polymer - Lubricated) |
|--------------|------------|------------|------------|------------|--------------------------|--------------------------|-------------------------------|
| ½" - ¾" | 25 | 9.85 | 13.85 | 73 | 140 Barg | 2 Nm | 6 Nm |
| 1" - 1½" | 50.5 | 21.6 | 26.6 | 94 | 125 Barg | 2 Nm | 8 Nm |
| 2" | 64 | 28.4 | 33.4 | 121 | 95 Barg | 3 Nm | 9 Nm |
| 2½" | 77.5 | 35.1 | 44.1 | 132 | 90 Barg | 3 Nm | 9 Nm |
| 3" | 91 | 41.9 | 50.9 | 141 | 70 Barg | 4 Nm | 10 Nm |
| 3½" | 106 | 49.3 | 58.3 | 159 | 55 Barg | 4 Nm | 10 Nm |
| 4" | 119 | 55.9 | 64.9 | 170 | 40 Barg | 4 Nm | 10 Nm |

Quality Assurance

The ACL Quality Management System is certified according to EN ISO 9001:2015. We ensure that our suppliers also maintain a certified Quality Management System. Materials used in the fabrication of the

Euro-Pure clamp are European sourced and conform to AD2000 W2 and PED. This ensures the highest level of reliability and safety.

Further Information

For detailed selection criteria, technical information, installation guidelines or to contact ACL, please visit our website: www.advanced-couplings.com

All technical information and advice given here is based on our previous experiences and/or test results. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. Specifications are subject to change without notice. ACL's terms and conditions of sale apply to the purchase and sale of the product.