

Clamping is faster than screwing



Fig.: clamping ring connection

The advantages of clamping ring connections over screwed flange connections are often not exploited in plant construction. Where tube connections have to be opened frequently, it is more rational to only open or close a locking screw on a clamping ring than 4 to 8 screws on two bolted flanges depending on the nominal size. When opening, there is also a risk of losing the individual parts of the screws; the individual parts of a clamping ring, on the other hand, are all connected to each other. The use of flanges, e.g. DIN 32676, also has the advantage that the flanges can be centred by using the seal. LINNEMANN GmbH in Tübingen offers high grade steel standard clamping rings for tube connections of DN 1/4' to DN300 for which the appropriate TUEV pressure test certificates are available.