**Joint Press Release**

**Self-locking alternative to the hex nut**

**CONU – The counter nut for flat surfaces**

**Hamburg, 24. November 2021 - The CONU counter nut is a new and innovative ‘fastener locking device’ (patent pending). Compared to conventional hex nuts this counter nut offers a wide variety of advantages depending on the application,**

**such as reduced space requirements and flow resistance as well as a lower risk of injury.**

Thanks to its self-locking effect, CONU does not require any additional safety and prevents ‘self-loosening’. Due to its unique shape the counter nut fits into the countersink without any protrusion. The result: an almost flat surface.

**Strong self-locking effect prevents ‘self-loosening’**

The key to CONU’s strength and versatility is its design: Due to the angle difference between nut and countersunk, plus due to the added serrations on the conical surface, the self-locking mechanism starts and then gets stronger the further the nut is pulled into the countersunk hole. This prevents the joints ‘self-loosening’. In addition, the joint can be tightened and locked without needing a spanner to hold the nut. In the Junker test (DIN 65151), the constant pre-load force was confirmed despite strong vibrations.

**Four partners – one innovation**

CONU was developed by Fürstenberg Fittings in Hamburg (patent pending). It is distributed by REYHER, one of the leading trading companies for fasteners and fixing technology in Europe, and the NORD-LOCK GROUP, market leader in the field of securing bolted joints. The counter nut is manufactured by HEWI G. Winker, a well-established automotive supplier and manufacturer of lock nuts and formed parts from Spaichingen in Baden-Württemberg.

For the launch phase, CONU will be available in sizes M 6 to M 16 and in two different versions. This means that the counter nut can be used with grade 8.8 and 10.9 high tensile screws and bolts.

[*www.conu.solutions*](http://www.conu.solutions)

**About REYHER**

With more than 130 years’ experience Reyher is one of the leading trading companies for fasteners and fastening technology in Europe supplying customers in industry and trade worldwide. Over 800 employees at our central location in Hamburg ensure individual, flexible solutions for reliable supplies of c-parts, with a delivery rate of over 99 percent. In 2020, REYHER achieved a turnover of around 320 million euros with over 11,000 customers.

**About Nord-Lock Group**

The Nord-Lock Group believes that no one should have to question the integrity of the mechanical systems that play such a critical role in our way of life. As a global leader in bolting solutions, Nord-Lock strengthens public and industrial infrastructures with high-quality, safe and innovative solutions that will change the face of modern living for decades to come.

**Pictures**

Picture 1a/b: Thanks to its special shape CONU does not need any additional safety fasteners

Picture 2: The counter nut fits into the countersink without any protrusion and ensures an almost flat surface

**Press contact REYHER**

Axel Hahne

Marketing/Communication

Tel: +49 40 85363-215

[axel.hahne@reyher.de](mailto:axel.hahne@reyher.de)

**Press contact NORD-LOCK**

Marc Allocca

Marketing-Manager

Tel.: +49 7363 9660-19

[marc.allocca@nord-lock.com](mailto:marc.allocca@nord-lock.com)