

EN

 **HONSEL**



HONSEL COIL “cone”

WIRE THREAD INSERT

- ✓ tab-free
- ✓ Installation Space Savings (Reduction)

HONSEL COIL “cone”

The new **HONSEL COIL** “cone” is a tabless wire thread insert that combines the properties and advantages of the **HONSEL COIL** “free” and **HONSEL COIL** “plus”.



The **HONSEL COIL** “cone” can be installed in the same way as a coil with tab. No additional or special tools are required for process-reliable installation. When the **HONSEL COIL** “cone” is screwed onto the installation spindle, the conical portion of the wire thread insert creates a clamping effect between the installation tool and the coil. This ensures a stable installation process into the work piece.

The HONSEL wire thread inserts consist of special shaped cold-rolled stainless steel wire, which is wound to form a spring-loaded spiral. When installed, the **HONSEL COIL** “cone” results in a wear free, true-to-gauge internal thread up to 0.5-1.5 threads from the end due to the conical shape.



Advantages:

- ✓ tab-free and therefore optimally designed for e-mobility due to no risk of tab debris.
- ✓ Shallower blind hole depths can be realized
- ✓ Subsequent processes are no longer necessary (breaking and removing of the installation tab)
- ✓ No thread skipping during installation
- ✓ Cycle time reduction of 20-30% per installation
- ✓ No special tools required for the installation process
- ✓ The installation process improves due to the conical portion
- ✓ The installation process can be fully automated with our HONSEL coil screwing system 2G. Available as a complete system “RIWO Coil 2G”: Feeding, screwing technology and control Siemens S7 incl. 3D visualization.

Downsizing

The current trend towards lightweight construction with aluminum and magnesium materials, etc. requires improved solutions for secure fastening. The **HONSEL COIL** “cone” is right in line with this trend. The **HONSEL COIL** “cone” ensures a significant thread reinforcement and high resilience in a smaller space. This means that high-strength screws can be used in materials with lower shear strength. The result are significant material and weight savings for the customer component.



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