

The AMECOIL kits



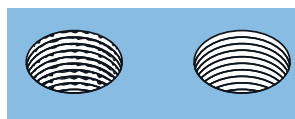
Used in all industrial sectors, the standard or self-locking AMECOIL® SR thread insert is indispensable for the resistance of quality assemblies.

AMECOIL® SR kits are indispensable for repairing all types of defective tapped holes. Regular workshop kits, they are necessary for the factory servicing and maintenance departments.



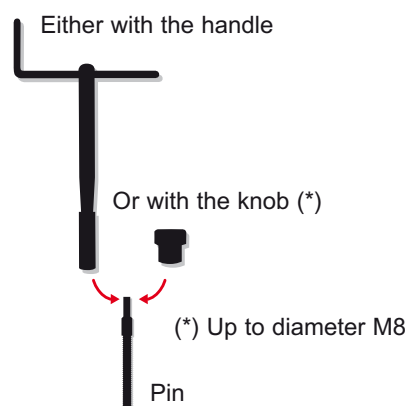
Material	Max. operating temperature	Surf. coating options	Applications
Standard material Stainless steel 18.8 AISI 304 (1.4301) AISI 302 (1.4310)	425°C (peak) 315°C (continuous)	<ul style="list-style-type: none"> - Dry lubrication - Cadmium plating - Silver plating - Zinc plating - Tinning 	All normal applications in all materials
Special stainless steels: AISI 304L, 316, 316L, 316Ti, 321	Up to 400°C continuously		
Bronze Cu Sn 7 P Cu Sn 6	300°C (peak) 250°C (continuous)	Cadmium plating	Copper parts High resistance to some electrolytic couples
Inconel X 750 Nc 15 Fe Nba	750°C (peak)	Silver plating	Thermal power plants Aerospace Aeronautics Turbochargers
Nimonic 90 Nc 20C. 18Tu	538°C (continuous)		

BEFORE AFTER



Thread spoilt Thread saved

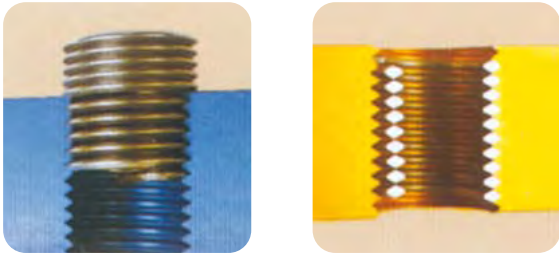
The thread insert is fitted by screwing it on to the AMECA instrument threaded pin, with a knob or handle, until the drive hooks on to its end. Screw the assembly into the threaded hole until the insert is completely in, then turn by 1/4 or 1/2 turn.



The advantages

CAN BE USED: for a first installation, for repair, for reworking

- **Cannot come loose**



The outer diameter of the AMECOIL® SR thread insert has a larger diameter than that of the threaded hole. Adhering strongly to the threaded hole, it can practically never come loose once installed.

- **Resistance to corrosion and other threats**



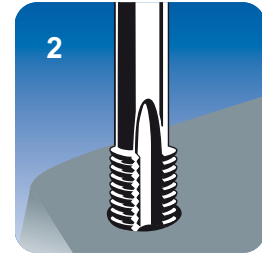
The AMECOIL® SR thread insert prevents deterioration of threads due to pulling, vibration, fatigue, seizing or corrosion while resisting the highest temperatures.

- **Regular distribution of loads**
- **Reduction of bosses**
- **Resistance to premature wear**
- **Simplification of locking systems**



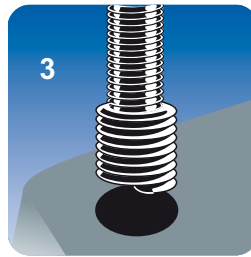
- **Drilling**

From +0.1 to +1 mm of the nominal diameter of the screw.



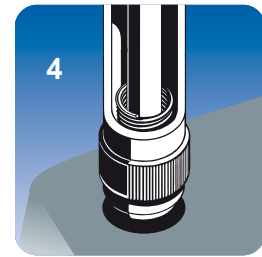
- **Tapping**

Performed with the AMECOIL® tap



- **Installation**

Using the threaded pin of the AMECA tool, fitted with a handle or knob.



- **Installation**

Using the tools of the conventional series or those of the new series, for even quicker installation.