

The background of the entire image is a photograph of an industrial manufacturing facility. It features several yellow and grey robotic arms in various positions, some reaching towards the camera and others further back. The environment is filled with metal structures, pipes, and machinery, creating a complex industrial scene. The lighting is bright, typical of a factory setting.

AMECA

RELIABILITY AND SAFETY MANUFACTURER



THE ROBUSTNESS OF A SYSTEM DEPENDS ON THE RELIABILITY OF ITS SMALLEST COMPONENT

We are fully aware of the challenges linked to the reliability of our assembly solutions. This is why we put all our effort to make your production reliable, everywhere in the world.

OUR GOAL: SUPPORTING YOU WHENEVER YOU NEED US

That is to say...

TO ADVISE

Technology, materials, treatments, we support you selecting the best solution according to your needs.

TO DESIGN

Our expertise is to bring what you need with a proactive approach and developing customized solutions.

TO PRODUCE

Quality is our DNA.
We manufacture in France according to applicable standards.

TO INSTALL

The detail makes the difference in term of strength and robustness. We stand by your side to secure the installation of our products in your assemblies.

TO SERVE

Reativity is key to success.
We pay special attention to making your life easier: quick quotation, stock available on shelves, emergency production...

We are committed to being a trusted partner, close to its customers, invested in a sustainable way, looking for continuous improvements in all departments: production, products, logistics, service...

AMECA, MANUFACTURER OF RELIABILITY AND SAFETY



45
YEARS
OF EXPERTISE

**PRESENT IN
MORE THAN**
30
COUNTRIES

16 000
ITEMS IN STOCK





RELIABILITY

Product quality, respect of applicable standards, respect of our commitments through our certifications.

It is because we are reliable that we can be trusted.



EXPERTISE

We have been manufacturing for 45 years: design office & automated production system.



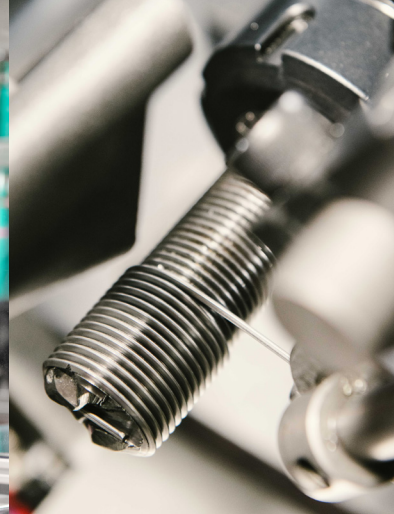
INNOVATION

Products, production and service, we are continuously looking for innovation for our customers.



PROXIMITY

We remain at our customers disposal at all times: listening, advising and being flexible to meet your expectations.



**FRENCH
MANUFACTURER
OF MECHANICAL
FASTENING
SOLUTIONS**



**A PRODUCTION
ADAPTED TO YOUR NEEDS:
MICRO SERIES AND LARGE VOLUMES**





INDUSTRIES AND APPLICATIONS

For over 45 years, AMECA provides **reliable, high-quality** products to a wide range of customers in a variety of industries around the world: aerospace, defense, nuclear, railway, etc.

We are **aware of product and quality standards** and we work in close partnership with our customers to adapt our service and meet their expectations.

AERONAUTICS AND SPACE



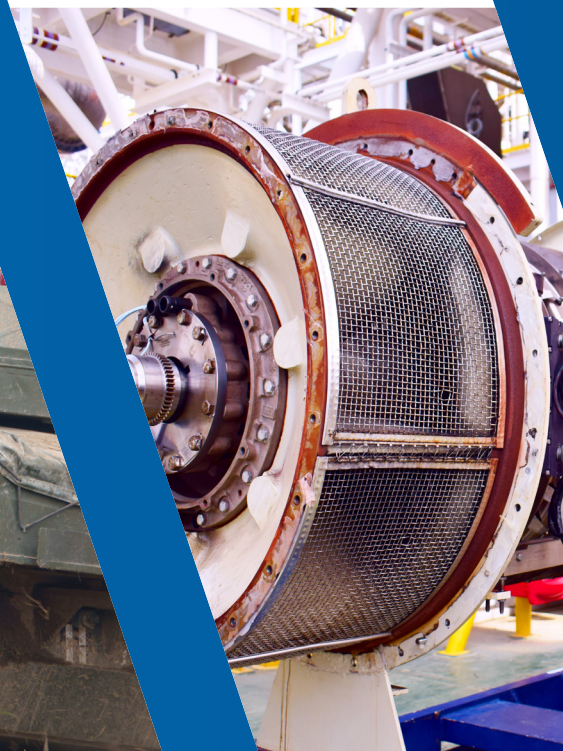
AMECOIL® wire thread inserts are used on major military and commercial aircraft programmes, spacecrafts and launchers. They are installed on engines, cabin interior, air bleed systems and avionics systems...

DEFENSE



CLAVSERT® key-locking inserts and **AMECOIL®** wire thread inserts are used in military vehicles.

ENERGY



AMECOIL® wire thread inserts are used in gas turbines.

AMECA

RELIABILITY AND SAFETY MANUFACTURER

NUCLEAR



hread inserts
and hydrogen

AMECOIL® wire thread inserts can be found in waste management containers (nuclear waste), steam generators and pressurizers.

RAILWAY



Our CLAVSERT® key-locking inserts and AMECOIL® wire thread inserts are integrated into the MPC (Modular Power Connector) connectors with high vibration resistance.

AUTOMOTIVE & TRUCKS



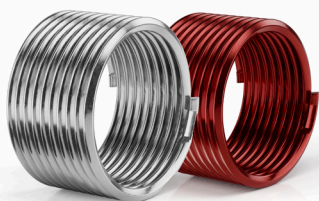


MECHANICAL FASTENERS

WIRE THREAD INSERT **AMECOIL®** HIGH ASSEMBLIES STRENGTH

Used in all industry sectors, the AMECOIL® Wire Thread Insert is the key component to ensure high-quality assemblies. To reinforce threads in light alloys, but also to provide high-quality to all fastening points: correction of pitch and angle defects, resistance to corrosion, thermal shock, etc.

- Free running or screwlock system version available
- Sizes : M2 to M100
- Metric, UNC/UNF, BSP, BSW, BSF, NPT
- Various materials and coatings available



TANGFREE WIRE THREAD INSERTS

TANGLESS® inserts guarantee an installation 100 % reliable in high-risk areas such as the aerospace industry. They require no additional engineering and incur no cost implications for assembly modifications.



ASSEMBLY TECHNOLOGIES

Installation Devices

We offer the right assembly tools for a reliable installation of our products (manual, electrical and pneumatic).

Repair kits

To repair damaged tappings, AMECOIL® Wire Thread Inserts are available in repair kits.

Different models : Monokit or Multikit, Indus or Standard.



INSERT FOR PLASTIC **AMEPLAST**



AMEPLAST® threaded inserts are specifically designed for post-moulding installation in thermoset, thermoplastic or fiber material, providing high levels of tensile and torque strength.

- Sizes: M2 to M8

KEY-LOCKING INSERT **CLAVSERT**



Key-locking inserts are used to quickly repair stripped, damaged or worn out threads. They are also used in original equipment where they strengthen threads in soft metal.

Our Clavsert are easy to install and remove. They are driven down into the threads of the surrounding base material, locking the insert in place.

- 3 Models: light-weight, reinforced and closed
- Sizes: M4 to M24 depending on series

SELF-TAPPING INSERT **AMESELF**



Metal insert which cuts out its own thread in light metals, plastics, wood and composite materials to provide a thread that withstands frequent assembly and disassembly of the screw.

- Sizes: M2,5 to M30



SHEET METAL FASTENERS



BLIND RIVET NUT

Blind rivet nuts reliably join thin-walled components.

Simple blind assembly.

- Models : smooth, grooved, hexagonal, through or blind hole. Head : flat, countersunk or flush.
- Sizes : M3 to M12



WELD STUDS

Easy and quick to install, the weld studs offer a very high pull-out resistance and do not deform the metal sheet.



SELF-CLINCHING NUT AND STUD

Very good torque characteristics and pull-out resistance. Self-clinching nuts and studs are recommended for high-specification screwed assembly of thin metal sheet (subject to pulling stress, various loading...)

Easy to install.

- Self-clinching studs M2 to M10
- Self-clinching nuts M3 to M8



SELF-CLINCHING STAND-OFF

Simplified assemblies and cost reduction. Self-clinching stand-off are specially designed to be used as spacers. They are quick and easy to fit and provide an inexpensive solution. They simplify standard assembly work.

- 2 Models : open or bund
- Sizes : M2,5 to M5



CLIPS FASTENERS - CAGE-NUT

This nut is fitted to the rear side of the support material.

The flexible cage containing the square is used to correct differences in alignment or positioning but also differences in thickness of the supports

- Sizes : M3 to M8



RELIABILITY AND SAFETY MANUFACTURER

ameca-sa.fr



ZA Le Sauvage Mognard - 260 route du Sauvage 73410 Entrelacs - FRANCE

+33 (0)4 79 54 13 47 - contact@ameca-sa.fr

