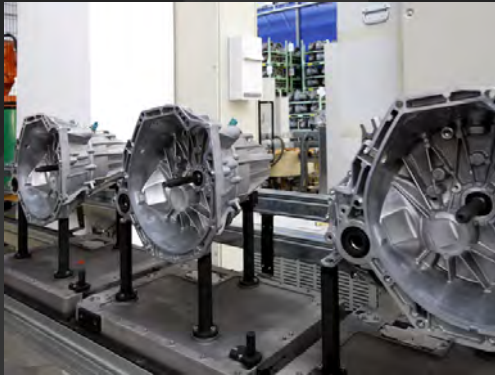


APPLICATIONS FOR THREAD INSERTS & EXTERNAL THREAD REPAIR



Automotive

- Engine Overhaul
- Gear Box Housings
- Disc Brakes
- Exhaust Systems
- Armored Vehicles
- Truck Overhaul



Other Applications

- Gas Turbines
- Mining Equipment
- Oil Drilling Machinery
- Outdoor Equipment
- Heavy Equipment

Electronics

- Mounting Plates for Electrical Components
- Cable TV Line Boxes
- Electrical Appliances



Aerospace

- Turbine Engines
- Seat Fixtures
- Electronics
- Landing Gears



Machines & Plant

- Printing Presses
- High Temperature Applications
- Repeated Assembly & Disassembly of Machinery
- General Maintenance & Repair



External Thread Repair Applications

- Truck Rebuilding
- Oil Drilling Machinery
- Ship Maintenance
- Threaded Stud Applications where disassembly of the part is expensive and time consuming.

THREADING SOLUTIONS & APPLICATIONS



The PowerCoil Wire Thread Insert System® consists of high quality wire thread inserts, high-speed STI taps, drills and easy-to-use installation tools for the repair of damaged internal threads or the creation of strong new internal threads in original equipment.

Repair kits, STI taps, installation tools, and bulk inserts are stocked in all thread forms. Bulk inserts are available in both free-running and screw-locking styles, and are also available to MS/NASM and MA standards. Inserts in materials other than 304 stainless are also available, as are multiple coatings. The product range includes Unified, Metric, BSW, BSF, BSC, BSP, BA, NPT, Spark Plug, and 8-UN thread forms.



Loksert® key-locking thread inserts are used to quickly repair stripped, damaged or worn threads with new stronger threads, or for use in original equipment. Lokserts are easy to install and remove. No special drills, taps or prewinder tools are required. Their solid, one-piece construction provides a high degree of pullout strength and the keys provide a positive mechanical lock against rotation.

Lokserts are available in Thinwall, Heavy Duty, Extra Heavy Duty, and Solid styles, in either Type 303 stainless steel or C1215 carbon steel in both Unified and Metric thread forms. Internal locking key inserts are also available, as are 4140 and A286 materials. Lokserts meet applicable MS/NAS standards.



BONDSSERT provide a stronger fastener assembly in soft materials such as aluminum, magnesium and even cast iron. They can be used for repairing stripped threads, and for use in creating stronger threads in original equipment.

BONDSSERT external threads are manufactured with standard size and pitch to permit the use of standard drills and taps. BONDSSERT can be installed with a screwdriver, bolt/jam nut, or power drive tool.

BONDSSERT are vibration resistant. Within minutes of installation, the Loctite™ 204 adhesive begins to set, and the newly installed inserts are fastener-ready within 5 minutes and will not back out. In addition, the Loctite™ 204 adhesive seals against liquids and gases up to 6,000 psi when fully cured after 72 hours.



Create a perfect chamfer for starting a nut on a bolt or threaded bar, starting a button die or die nut on rod, or creating a leading edge on timber dowel. E-Z Chamfer efficiently removes burrs and ridges from bolts, pipe, threaded rod, bar and dowels. It is suitable for use on metals including mild and hardened steels, stainless steel, copper and brass, as well as timber, fiberglass and plastics.

E-Z Chamfer prevents sparks and burns. When used correctly at low RPMs the tool will not overheat the workpiece. Threads and burrs are sheared off creating the perfect chamfer for starting a nut or threading die.



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