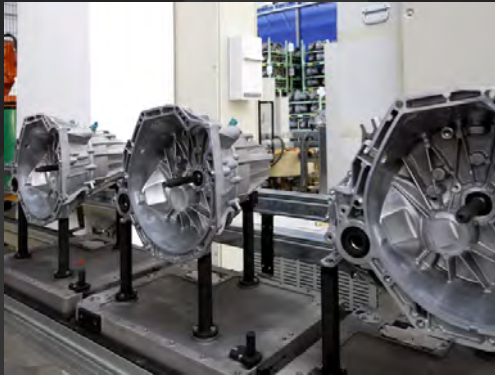


APPLICATIONS FOR THREAD INSERTS & EXTERNAL THREAD REPAIR



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.



Silbertool® is a new, innovative and essential thread rolling tool for non-cutting external thread repair. A damaged thread can be repaired manually within seconds without much effort and the entire process is non-cutting, enabling it to work in environments where chipless working is required and the repaired thread's static and dynamic cohesiveness is preserved. Because the thread has been repaired by rolling, rather than cutting, the thread will retain its original thread geometry.

This entire system is comprised of four tools, each having a Unified/Metric defined diameter range, and uses pitch/tpi rollers for each diameter required. The entire range will cover M4 through M110 in pitches .5 thru 4.0, and #6 thru 4" in tpi 5 thru 32, enabling it to repair UNC, UNF, UNEF, BSW, BSF, BSPP, BS 84, DIN ISO 228, and Metric thread forms.



Strong threads in metal made easy! All solid construction BONDSERT threaded inserts install with standard tools. No special drills... no special taps... no special installation tools. BONDSERT external threads are standard size and pitch to permit the use of standard drills and taps. BONDSERTS can be installed with a screwdriver, bolt/jam nut (except IC series), or optional power drive tool.

BONDSERTS will not back out or vibrate loose. Immediately upon installation, microencapsulated adhesive begins to set and the newly installed inserts are fastener-ready in 3-5 minutes. The adhesive seals against liquids and gases to 6,000 psi when fully cured (72 hours).

Available in both Unified and Metric thread forms, C12L14 carbon steel, 303 and 316 stainless, bulk and prepackaged kits.



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