



**Thread Insert Systems  
Thread Repair Kits  
Blind Rivets & Nuts  
Screw Extractor &  
Chamfering Tool  
Thread Rolling Tools  
Black Book Series**

# **Product Line Overview**



**CROSSROAD**<sup>®</sup>  
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**Eight Quality Brands. One Source.**



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# Our Brands & Product Lines



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.



Crossroad is a stocking warehouse for AFIXX Alliance® whose product includes an extensive line of quality blind, closed end, multi grip and structural rivets, rivet nuts, hand tools and air tooling. The rivet line features diameters from 3/32" to 1/4" in aluminum, steel and stainless steel. Rivet product is sold in bulk, packaged and visual hang-sell box quantities. Commercial grade rivet nuts are available in aluminum and steel with thread sizes from 6-32 to 3/8".



ProThread® offers thread repair solutions for the automotive aftermarket and DIY. ProThread kits, in both box and clamshell styles, contain the necessary tools to repair stripped, worn or damaged threads. Every kit contains quality tools and inserts and utilizes a high quality carbon steel tap to ensure consistent performance even in multi-hole applications.

The ProThread product range is M5 through M16 in coarse threads, M5 through M12 in fine threads, UNC #6 through 3/4 and UNF #6 through 1/2.

Additionally the product range also includes ProThread PlugFix® solid inserts for both taper and gasket seat spark plug repair. The PlugFix repair kit includes 3 insert lengths to suit most common spark plug reaches.



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 packaged kits.



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.

The Black Book® series include the best engineering and teaching tools you'll ever need! These easy-to-use pocket sized books contain a wealth of up-to-date useful, practical and hard to find information. The books are made up of 160 to 244 wire-bound, matt-laminated, greaseproof pages to insure glare-free reading and long life.



The series includes the Engineers Black Book – 3rd Edition, which now includes index tabs to bookmark frequently used pages, Fastener Black Book 1st Edition, Fastener Black Book – Inch Supplement both of which include a Thread Pitch Identification Gage, and Electrical Black Book 2nd USA Edition updated to National Electrical Code® 2017 Edition which includes a wire stripper/cutter pliers.



The Bordo® E-Z Chamfer creates a perfect chamfer on ferrous and non-ferrous metal, including hardened steel, timber, fiberglass and plastics. It's manufactured from M2 HSS for extreme tool life. It chamfers and deburrs bolts, pipe, threaded rod, bar and dowels.

The ScrewOut quickly removes damaged screws and bolts with a snapped head. It removes #4 to #14 screw, 5.0mm to 8.0mm bolts and #10 to 5/16" bolts.

Screw Extractor Set containing 5 screw extractors with matching Left Hand stub drills - Chrome Alloy. Left hand drills ensure the broken bolt or screw is not tightened in the hole. Using the left hand action may help to loosen the broken item, making the extraction even easier.