

OPPORTUNITIES.



RESULTS.

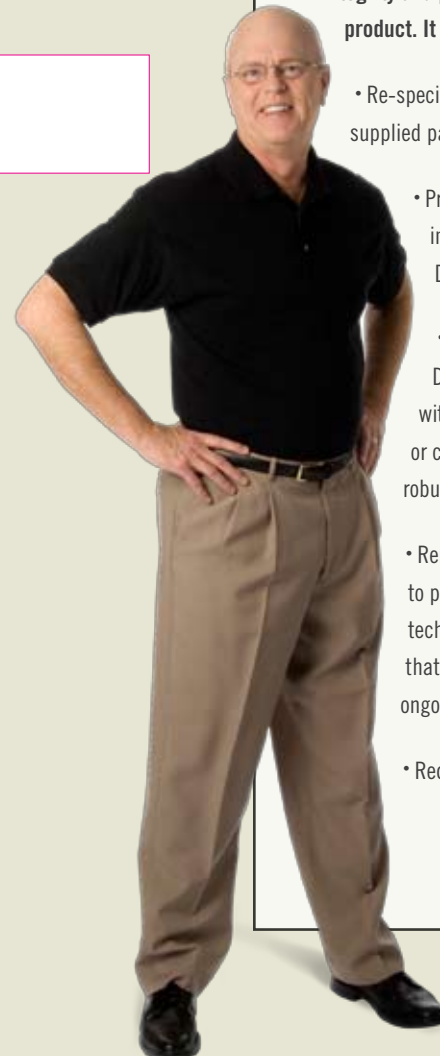
DRIV  **LOK**

ENGINOMICS®

FORGING SOLUTIONS BASED ON
YOUR UNIQUE NEEDS.

EngiNomics is DRIV-LOK Inc.'s systematic approach to saving you time and money while maintaining or enhancing the design integrity and performance of your end product. It includes:

- Re-specification of current DRIV-LOK-supplied parts to achieve lower cost
- Process method cost improvements of non-DRIV-LOK-produced parts
- Value engineering of non-DRIV-LOK-produced parts with new engineered designs or configurations that achieve robust design
- Reinvestment by DRIV-LOK to provide funding and new technologies to ensure that EngiNomics is an ongoing program
- Reduced assembly costs



SIX FAMILIES OF PINS.



GROOVED PINS

Grooved pins are non-threaded press fit fasteners — a shear-resistant fastener that is pressed into an appropriate size hole, providing the proper interference fit to lock the fastener in place.

- Commonly used as locking devices, pivots, bearing faces or locating elements where there is not a high degree of end load
- Available with many different groove types
- Typically zinc-plated, made from unhardened, low-carbon steel — but available in a wide range of finishes and heat treatments
- Wide range of diameters, lengths and end configurations available



KNURLED PINS

These are similar to grooved pins in that they have serrations around the diameter. However, knurled pins feature many more serrations. They are press fit fasteners that, when compressed into a hole, extrude radial forces to hold the fastener in place.

- The best fastener for die casting and plastic application; superior fastening in the assembly of components which have thin cross sections and for formed sheet metal hinges
- Available with straight, helical or diamond knurling
- All knurled pins are special order
- Various diameters, lengths and end configurations available



BARB-LOK™ PINS AND STUDS

The specially designed barbs on BARB-LOK™ pins and studs provide positive fastening and replacement of conventional screws, barbed nails and other fasteners.

- Use these in plastic applications and some metals
- Made from low-carbon steel or aluminum and zinc plated with other finishes available
- Pins are made to order, available with barbs on one or both ends
- Studs are available in a wide range of dimensions and can also be ordered to specifications

THERE'S BIG POWER IN THESE LITTLE PIECES OF METAL. By applying EngiNomics to these pins, we saved our customers over \$725,000 in one year.



SLOTTED AND COILED SPRING PINS

These hollow pins are economical, universally used shear-type fasteners that are self-locking. They're manufactured to an oversize dimension so that when the pin is inserted into a hole, radial forces are exerted that hold the spring pin in place.

- Common uses include dowels, spacers, stop pins and hinge pins in thousands of demanding, non-precision industrial applications
- Wide range of standard sizes
- Standard zinc or light oil finish — other finishes also available
- Made by progressive roll forming flat strips of carbon steel or heat-treatable 420 stainless steel



SPLIT HOLLOW DOWELS

This is an excellent cost-saving option not widely offered by other manufacturers. As a result of using less material and eliminating reaming and finishing, the split Hollow Dowel can save you between 30-40%.

- Excellent retention and ease of assembly — a typical application is where two halves of an assembly are located and bolted together. Also used as spacers or compression limiters
- Available in a variety of materials, finishes and can be heat treated
- Seamless Hollow Dowels also available in quantities per customer design
- Can be auto-inserted



SOLID DOWELS

Solid Dowels are cylindrical pins with a centerless ground finish that provide total precision tolerances. They are used in the same manner as Grooved Pins when highly accurate location is required.

- Use as locking devices, pivots, bearing faces or locating elements when there is not a high degree of end load
- All plain pins and dowels are special order items
- Available in various materials, diameters, lengths, end configurations, and heat treatments
- Shear-resistant

SIX FAMILIES OF PINS. SO MANY POSSIBILITIES.

EVERY DAY, OUR REPUTATION IS ON THE LINE.

- Makers of life protecting products demand Driv-Lok fasteners
 - Fire hydrants
 - Military personnel carriers
 - Brain surgery drills
 - Seat belts
- No pin manufactured by Driv-Lok has been the cause of a customer line down

WE'VE PINPOINTED PERFECTION: 257,000,000 pieces shipped with less than .002% returned in a twelve months

By taking advantage of our responsive quoting, rapid order fulfillment, and world-class quality, you'll start reaching your goals immediately.



R E S U L T S .

Let DRIV-LOK pinpoint a solution for your application

- Power Train
- Medical
- Agriculture
- Electrical
- Automotive/Diesel Engine
- Industrial
- Sporting Goods
- Lighting
- Plastics/Compounds
- ORS (Occupant Restraint Systems)
- Construction
- Mining
- Power Tools
- Compressor/Pump
- Seating
- Interior
- Marine
- Aerospace
- Military (DOD)
- Hand Tools

DRIV-LOK

DRIV-LOK has over 60 years of experience in manufacturing press fit fasteners and joining products. Our goal as a global leader is to make assembly processes in a wide spectrum of industries as efficient and profitable as possible, while ensuring superior product performance and robust design. Our dedication to customer focus compels us to find ingenious solutions and manufacture and deliver our products with the utmost quality and expediency.

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