



APPLIED SOLUTIONS

DRIV-LOK Grooved Pin

SITUATION

A leader in the Archery Industry has developed the first true Switchblade Mechanical Broadhead (arrow) in the bow hunting field. Their design was in need of a fastener that would hold the razor sharp blades in place, but allow them to rotate between the open and closed positions.

SOLUTION

The ENGINOMICS[®] team at Driv-Lok, Inc. engineered a groove pin design solution that accomplished the broadhead's rotating and locking requirements. The grooves on the pin provide an interference fit when inserted into the application, holding the pin securely in place. The ungrooved portion of the pin allows the blades to rotate freely between open and closed positions.

ADVANTAGES

- EASE OF ASSEMBLY
- IMPROVES ASSEMBLY FUNCTION- WILL NOT BACK OUT
- LOWER MANUFACTURING/INSTALLATION COST
- MULTI-FUNCTIONAL DESIGN



ENGINOMICS[®] is the methodology developed by DRIV-LOK to deliver manufacturers better *economics* based on *engineered* improvements.

DRIV-LOK is the industry leader in fastening solutions that helps manufacturers optimize process, product and ROI. To see how DRIV-LOK strategies can optimize your results, contact us today at 815.895.8161.



CONTACT US TODAY FOR A CUSTOMIZED QUOTE
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