



A SIMPLE GUIDE TO AVK INSERTS



Blind Threaded Inserts

**L**

A-L SERIES

The A-L Series Insert features a knurled body and large diameter—low profile head making it ideal for use in punched or drilled holes. It offers the highest all around strength characteristics and has been designed to be used with Grade 5 or Metric 8.8/9.8 mating screws. The A-L Series is AVK's most versatile performer.

**K**

A-K SERIES

The A-K Series Insert features a knurled body and a reduced profile head to allow for virtually flush installation. Countersink drilling or dimpling of the parent material can be eliminated. The A-K Series is designed to be used with Grade 5 or Metric Class 8.8/9.8 mating screws.

**T**

A-T SERIES

The A-T Series Insert is unique in that it can be installed into most materials above .030/.76 mm in thickness. As the A-T Series is installed, the threaded portion is completely swaged 360° into the sleeve portion and the hole. This permits the A-T Series to be used with Grade 8/Metric 12.9 mating screws.

**S**

A-S SERIES

The A-S Series Stud offers a unique design advantage in that once installed, a threaded stud is left protruding from the workpiece. Component parts can be located on the stud until final assembly is accomplished with a mating nut. The A-S series is an ideal alternative to clinch or weld studs. The A-S Series is designed to be used with Grade 5 or Metric Class 8.8/9.8 non thread locking type nuts.

**H**

A-H SERIES

The A-H Series Insert features a radius corner hex body. When installed into a corresponding hex hole, the radius corners of the A-H Series Insert expand and fill the hole corners providing exceptional resistance to spinning in the panel. The A-H Series is designed to be used with Grade 5 or Metric Class 8.8/9.8 mating screws.

**W**

A-W SERIES

The A-W Series Insert can be installed into most any material softer than itself that is thicker than .062/1.57. The A-W Series provides exceptional shear strength and pull out in fiberglass and plywoods. The brass A-W Series Insert is particularly useful for the fiberglass boat industry.

**R**

A-R SERIES

The A-R Series threaded insert has been designed for use in plastics and thin gauge sheet metal applications where increased pull-out resistance is required. The A-R Series features a PreSet™ slotted body design that when installed folds into four segments gripping the backside of the parent material.

**O**

A-O SERIES

The A-O Series Insert features a reduced profile head design which is similar to the superior A-K Series Insert. It also has a smaller body diameter than the A-K Series Insert. The A-O Series Insert can be specified when the application design parameters require a smaller hole or closer hole to edge tolerances.

