

AVK® Inserts

A blind installed threaded fastener is defined as a fastener with internal threads that can be installed into a panel, tube or other structure from the front side without need to see or access the backside, or "blind" side to complete the installation. Once installed the fastener remains captive to which a mating component can be attached using standard hardware.

AVK A-L Series™ Knurled Threaded Insert

Features a knurled body and large diameter-low profile head making it ideal for use in punched or drilled holes. Designed to be used with Grade 5 or Metric 8.8/9.8 screws.

Thread Size (Call Out)	Grip	
	Range	Call Out
6-32 (632)	.020 - .080	80
	.080 - .130	130
8-32 (832)	.020 - .080	80
	.080 - .130	130
10-24 (1024)	.020 - .130	130
	.130 - .225	225
1032 (1032)	.020 - .130	130
	.130 - .225	225
1/4-20 (420)	.027 - .165	165
	.165 - .260	260
5/16-18 (518)	.027 - .150	150
	.150 - .312	312
3/8 (616)	.027 - .150	150
	.150 - .312	312
1/2 (813)	.063 - .200	200
	.200 - .350	350



AVK uses state of the art high-speed cold forming equipment to produce its blind installed threaded inserts and studs. All aspects of their business is controlled and certified to the exacting requirements of ISO/TS16949 and ISO 9001 International standards.

AVK R-N Series® Rivetnut Threaded Insert

Ideal for applications requiring heavy push out loads such as for the attachment of leg leveling screws to the bottom of equipment. Available in Steel (S) and Aluminum (A).

Thread Size (Call Out)	Grip		I.D. Mark
	Range	Call Out	
4-40 (440)	.010 - .060	60	blank
	.060 - .085	85	1-Rad
	.085 - .110	110	2-Rad
6-32 (632)	.010 - .075	75	blank
	.075 - .120	120	1-Rad
	.120 - .160	160	2-Rad
8-32 (832)	.010 - .075	75	blank
	.075 - .120	120	1-Rad
	.120 - .160	160	2-Rad
10-32 (1032)	.010 - .080	80	blank
	.080 - .130	130	1-Rad
	.130 - .180	180	2-Rad
1/4-10 (420)	.020 - .080	80	blank
	.080 - .140	140	1-Rad
	.140 - .200	200	2-Rad
5/16-18 (518)	.030 - .125	125	blank
	.125 - .200	200	1-Rad
	.200 - .275	275	2-Rad
3/8-16 (616)	.030 - .115	115	blank
	.115 - .200	200	1-Rad
	.200 - .285	285	2-Rad
1/2-13 (813)	.050 - .150	150	blank
	.150 - .250	250	1-Rad
	.250 - .350	250	2-Rad

Thread Size (Call Out)	Grip		I.D. Mark
	Range	Call Out	
M3 x 0,5 (350)	0,25 - 1,00	1.0	blank
	1,00 - 1,75	1.75	1-Rad
	1,75 - 2,50	2.5	2-Rad
M4 x 0,7 (470)	0,25 - 2,00	2.0	blank
	2,00 - 3,00	3.0	1-Rad
	3,00 - 4,00	4.0	2-Rad
M5 x 0,8 (580)	0,25 - 2,00	2.0	blank
	2,00 - 3,50	3.5	1-Rad
	3,50 - 5,00	5.0	2-Rad
M6 x 1,0 (610)	0,75 - 2,00	2.0	blank
	2,00 - 3,50	3.5	1-Rad
	3,50 - 5,00	5.0	2-Rad
M8 x 1,25 (8125)	1,00 - 3,00	3.0	blank
	3,00 - 5,00	5.0	1-Rad



The R-N Series Rivet Nuts are manufactured using state of the art cold forming technology, which provides very precise tolerances. The surfaces and internal threads are formed, not machined, which provides excellent quality and thread strength.

Finish	Call Out	Type	Call Out
Zinc Trivalent	3T	Open End	blank
Yellow Zinc Trivalent	4T	Closed End	B
Tin Zinc Trivalent	9T	Sealed	S
		Wedge Head	W

Part # Call-Out for AVK Rivet Nuts

Product Series - Material - Finish - Thread - Grip - Type
Example: RNS3T-420-80



Not all items are represented in this book. Call your Duncan Bolt sales office for complete stock status.

Duncan Bolt is an Authorized Distributor of AVK Fasteners

AVK® Hand Operated Installation Tools

AVK has the hand tool suitable for most any application; from expendable to double action lever tools.



AA112 Hi-Torquer™

Ideal for prototyping or making repairs with the A-T and A-W Series threaded inserts. It features a patented Quick Change thread size nose assembly.



AA170 Plier Tool

Ideal for prototyping or making repairs with the A-K, A-L, A-H, A-P, A-O, E-L and E-H series threaded inserts.



AA184 Expendable Tools

Ideal for field repairs or consumer installation of AVK's products. Thread the AVK fastener onto the tool mandrel all the way up.



AA480N Double Action Lever Tool

This tool features a visual stroke indicator and a convenient spin-off removal knob. This tool installs the full range of AVK's spinwall technology product in steel and aluminum and limited sizes of steel and aluminum rivet nuts.



AA510N Plunger-Double Action Lever Tool

A visual stroke indicator and a quick acting pull removes the plunger. Due to its larger size, it installs the full range of AVK's Spinwall Technology™ Threaded Insert Product in all materials and various steel and aluminum rivet nuts.

AVK Authorized Repair Station

Duncan Bolt is authorized to repair your AVK non-warranty tools. We can also supply a rental so your job isn't stalled.
For more information, email: toolrepair@duncanbolt.com

AVK® Pneumatic Tooling

AVK4878



AVK Portable Battery Power Tool

Portable Battery Power at your finger tips for ease of installation and ergonomic comfort!

Electronic Process Control ensures a stable and consistent installation of high-torque blind rivet nuts and blind rivet studs.

- » Easy to handle, simple adjustment.
- » High Process Security.
- » Suitable for High-Torque Steel Inserts M4 - M10/#6 - 3/8" and Studs M4 - M6/#6 - 1/4".

ARO Brand



AVK ARO Brand Pneumatic Tool

The ARO Brand Pneumatic Tool has an ergonomic design and outstanding dependability. The rocker style forward and reverse trigger is easy and comfortable to use. It features a Quick-Change thread adaption kit, which allows for easy access to the thread size component parts. AVK's Pneumatic tools provide the highest RPM for the thread size selected resulting in optimum installation speed.

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