

World market leader of design, development and manufacturing of blind installed fasteners

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MADE IN USA



The A-W Series® is great for applications in thick fiberglass.

A-W SERIES® KNURLED THREADED INSERT

The A-W Series® Knurled Threaded Insert can be installed into most any material softer than itself that is thicker than .062/1,57. The A-W Insert provides exceptional shear strength and pull out in fiberglass and plywoods.

The brass A-W Insert is particularly useful for the fiberglass boat industry.

The A-W Insert is installed using lightweight, handheld Pneumatic Tools that can be located at any position in your product's assembly sequence. The A-W Insert can be installed either prior to or after finish.

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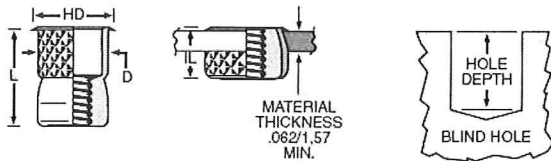


SISTER COMPANIES:



Part Numbering System Thread Sizes

THE A-W SERIES® INSERT – THREAD SIZES



Thread Size	Thread Call Out	Hole Size +.005 -.000	HD ±.005	L ±.015	D Max.	IL Max.	Hole Depth Min.
6-32 UNC	632	15/64 (.234)	.255	.370	.233	.205	.400
8-32 UNC	832	17/64 (.266)	.285	.370	.264	.205	.400
10-24 UNC	1024	19/64 (.297)	.320	.370	.295	.205	.400
10-32 UNF	1032	19/64 (.297)	.320	.370	.295	.205	.400
1/4-20 UNC	420	25/64 (.391)	.415	.515	.389	.275	.540
15/16-18 UNC	518	17/32 (.531)	.550	.615	.528	.325	.640
3/8-16 UNC	616	19/32 (.594)	.615	.740	.590	.390	.770

Thread Size	Thread Call Out	Hole Size +0,13 -0,00	HD ±0,13	L ±0,38	D Max.	IL Max.	Hole Depth Min.
M4x0,7 ISO	470	6,75	7,24	9,40	6,71	5,21	10,16
M5x0,8 ISO	580	7,54	8,13	9,40	7,50	5,21	10,16
M6x1,0 ISO	610	9,92	10,54	13,08	9,88	6,99	13,72
M8x1,25 ISO	8125	13,49	13,97	15,62	13,41	8,26	16,26
M10x1,5 ISO	1015	15,00	15,62	18,80	14,99	9,91	19,56

- NOTE 1: Additional UNF thread sizes available.
- NOTE 2: HOLE SIZE: The A-W Series® Insert hole size will be dependent on parent material density. Experimentation is required for optimum performance.
- NOTE 3: FINISH: The standard specified finishes for the A-W Series® Insert are cadmium and tin. Alteration to these finishes will reduce performance.
- *THREAD CLASS: The A-W Series® Insert's internal threads are manufactured oversized to compensate for resulting thread portion shrinkage during the installation swaging process. They are not gaugeable prior to or after installation but will be compatible with Class 2A/3A or 6g screws after installation.

All materials for the A-W Series® are plated cadmium and look similar. Radial grooves are machined into the part for material identification.

MATERIAL TYPE IDENTIFICATION GROOVES

NONE — STEEL
2 — BRASS