

# Sec. 9 LARGE FLANGE THIN SHEET NUTSERT® INSERTS

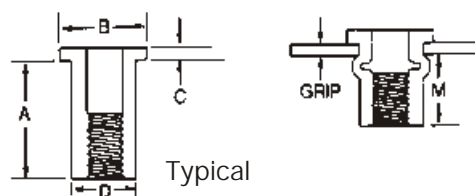


## U.S.S., S.A.E. & Metric -Steel & Aluminum

The Large Flange system provides captive threads in materials too thin to independently support threads, or where costly tapping operations are to be eliminated. The Large Flange fastener can be used as a rivet to join materials that will ultimately have a separate component attached.

Materials: Low Carbon Steel, Zinc Plated  
(Metric: Zinc & Yellow Plated)  
Aluminum Alloy, Plain Finish

To Set 8-32, 10-24 and 10-32 Large Flange Nutserts, use tool 11805 and conversion kits listed on page 92. 1/4"-20, 5/16"-18 and 3/8"-16 Large Flange Nutserts require a pneumatic tool for installation. They can not be set with 11805.



### U.S.S. & S.A.E.

Auveco Part No.		Unit Pkg.	Thread Size	Grip Range	Hole Size	A +.015	B +.015	C (NOM)	D +.000 -.004	M (Ref.)
Aluminum	Steel									
16177	16187	50	8-32 U.S.S.	.010-.075"	.221-.226"	.438"	.357"	.032"	.221"	.300"
16178	16188	50	10-24 U.S.S.	.010-.080"	.250-.256"	.531"	.406"	.038"	.250"	.380"
16179	16189	50	10-24 U.S.S.	.080-.130"	.250-.256"	.594"	.406"	.038"	.250"	.390"
16180	16190	25	10-32 S.A.E.	.010-.080"	.250-.256"	.531"	.406"	.038"	.250"	.380"
.....	16191	25	10-32 S.A.E.	.080-.130"	.250-.256"	.594"	.406"	.038"	.250"	.390"
16182*	16192*	25	1/4"-20 U.S.S.	.020-.080"	.332-.338"	.625"	.475"	.058"	.332"	.450"
16183*	16193*	25	1/4"-20 U.S.S.	.080-.140"	.332-.338"	.687"	.475"	.058"	.332"	.450"
16184*	16194*	25	5/16"-18 U.S.S.	.030-.125"	.413-.423"	.750"	.665"	.062"	.413"	.505"
.....	16195*	25	5/16"-18 U.S.S.	.125-.200"	.413-.423"	.875"	.665"	.062"	.413"	.555"
16789*	16787*	10	3/8"-16 U.S.S.	.030-.115"	.490-.500"	.844"	.781"	.088"	.490"	.585"
.....	16788*	10	3/8"-16 U.S.S.	.115-.200"	.490-.500"	.938"	.781"	.088"	.490"	.595"

\*Can not be set with Auveco tool 11805  
Requires pneumatic tool

### Regular Pitch Metric

Auveco Part No.		Unit Pkg.	Thread Size	Grip Range	Hole Size	A ±.015	B ±.015	C (NOM.)	D+.000 -.004	M (Ref.)
Aluminum	Steel									
.....	16978	25	M6-1.0	.020-.118" .5-3.0mm	.358" 9.1mm	.630" 16mm	.510" 13mm	.059" 1.5mm	.356" 9mm	.450" 11.5mm