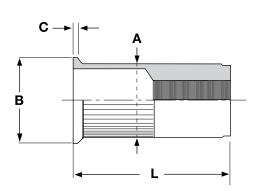
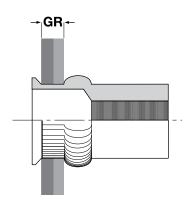
## Blind Threaded Inserts

## **Rivets**





RIBBED BODY, SMALL FLANGE BLIND THREADED INSERTS										
	L		Α	В		С		Hole Diameter		Grip Range
Thread Size- Ultimate Grip	Body Length		Ribbed Body Diameter	Head Diameter		Head Height				
	Max	Min	Max	Max	Min	Max	Min	Max	Min	
6-32080	.450	.430	.265	.320	.300	.019	.015	.2716	.2656	.020080
8-32080	.450	.430	.265	.320	.300	.019	.015	.2716	.2656	.020080
10-24130	.505	.485	.296	.350	.330	.020	.016	.3029	.2969	.020130
10-24225	.615	.595	.296	.350	.330	.020	.016	.3029	.2969	.130225
10-32130	.505	.485	.296	.350	.330	.020	.016	.3029	.2969	.020130
10-32225	.615	.595	.296	.350	.330	.020	.016	.3029	.2969	.130225
1/4-20165	.610	.590	.390	.465	.445	.021	.017	.3966	.3906	.027165
1/4-20260	.710	.690	.390	.465	.445	.021	.017	.3966	.3906	.165260
1/4-28165	.610	.590	.390	.465	.445	.021	.017	.3966	.3906	.027165
1/4-28260	.710	.690	.390	.465	.445	.021	.017	.3966	.3906	.165260
5/16-18150	.720	.700	.530	.610	.580	.023	.019	.5372	.5312	.027150
5/16-18312	.835	.815	.530	.610	.580	.023	.019	.5372	.5312	.150312
3/8-16150	.720	.700	.530	.610	.580	.023	.019	.5372	.5312	.027150

Description	A cylindrical internally threaded fastener, open at both ends with a low profile head at one end and a short, chamfered lead at the opposite end. It can be installed into a prepared hole from the blind side of the ultimate fastening. The outer surface of the insert has ribs (or splines) that extend from under the head toward the opposite end. The insert is threaded onto mandrel of installation tool and positioned into hole. As mandrel is pulled back, the insert is expanded into the base material it is now gripping. Installation is complete when the mandrel of the tool is removed from the set insert.				
Applications / Advantages	Ease of installation makes blind threaded inserts a low-cost way to provde threaded holes in thin sheet metal. Low profile head design enables insert to be nearly flush once it is set in place. Ribbed contour of the body provides resistance to turning.				
Material	Aluminum: 5056 Aluminum or ALMG 3 alloy Steel: 1006 - 1008 low carbon steel				

	MINIMUM PERFORMANCE FOR <u>STEEL</u> SMALL FLANGE RIBBED BODY BLIND THREADED INSERTS							
Thread Size- Ultimate Grip	Torque to Turn	Pull Out	Push Out	Torque Out				
	Foot Pounds/ Inch	Foot Pounds	Foot Pounds	Foot Pounds/ Inch				
6-32080	10	520	180	47				
8-32080	10	520	180	65				
10-24130	12	630	335	95				
10-24225	12	630	335	95				
10-32130	12	630	335	95				
10-32225	12	630	335	95				
1/4-20165	12	685	320	235				
1/4-20260	12	685	320	235				
1/4-28165	12	685	320	-				
1/4-28260	12	685	320	-				
5/16-18150	24	1115	510	-				
5/16-18312	24	1115	510	-				
3/8-16150	24	1115	510	-				
3/8-16312	24	1115	510	-				