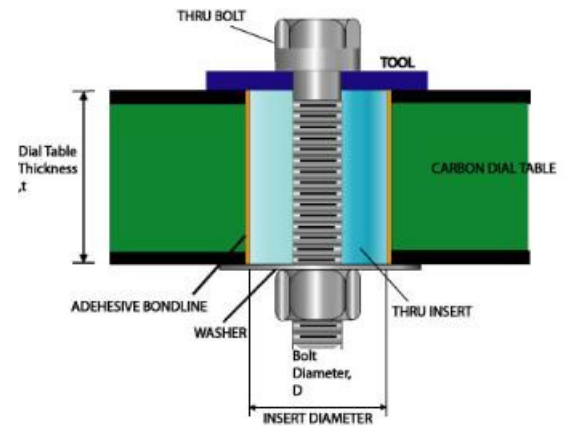
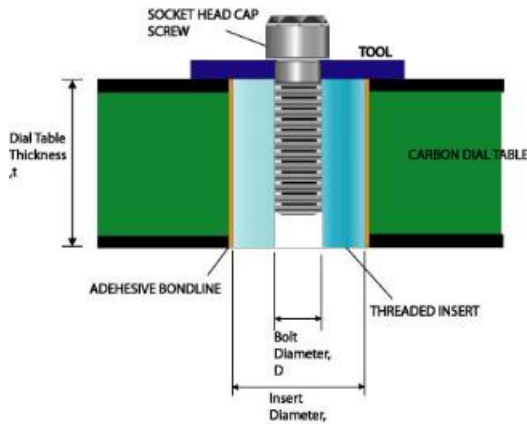




To alleviate any issues of foam compression, creep and tight tolerance, Carbon Dial Tables are required to have metallic inserts adhesively bonded into the composite structure.



Thru Holes are the recommended method of tool attachment unless envelope prohibits under-surface nut.

Inserts for Screw Attachment.

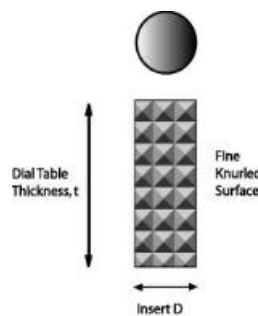
Screw Size	Screw Dia.	Insert, Diameter
	inch	inch
6	0.138	0.5
8	0.164	0.5
10	0.190	0.5
1/4	0.250	0.5
5/16	0.312	0.5
3/8	0.375	1.0
1/2	0.500	1.0

Inserts are available, manufactured from Aluminum 6061-T6, High Strength Alloy Steel and Stainless Steel

Inserts for Thru Holes.

Thru Hole Size, #	Thru Hole Dia.	Insert, Diameter
	inch	inch
23	0.154	0.5
15	0.180	0.5
5	0.2055	0.5
9/32	0.2812	0.5
11/32	0.3438	1.0
13/32	0.4022	1.0
15/32	0.4688	1.0
9/16	0.5625	1.0

To improve insert shear carrying capability the surface is fine knurled.



A photograph of a typical insert can be found at the following page.



 [Home](#)

 [Services](#)

 [Contact](#)

 [Site Map](#)

 [Brochure](#)

 [Products](#)



600, 18 th Av
Rockford, IL 61104
Tele: 815 986 4184
Fax: 815 986 4199

e-mail: sales@aci-sci.com
www.aci-sci.com

Advanced Composite Industries, All rights Reserved 2006

