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NAS1832 thru NAS1836, Inserts

For Composite or Honeycomb Panel Fastening

These **NAS1832 thru NAS1836**, Potted in Inserts are the standard for fastening in composite or honeycomb panels. The panel is first prepared by drilling or routing a hole or holes in the panel as necessary, depending on whether or not the insert is a through hole insert or a closed end insert. After preparing the hole and securing the insert in place with the NAS1837 adhesive tab (comes with inserts), then the adhesive or epoxy as recommended by the panel or aircraft manufacturer is forced in through one of the potting holes until it is forced out of the other hole or slot which acts as a vent hole. After the proper curing time and procedures are followed, remove the tab, clean up as required and then fasten items to the newly installed insert as appropriate.

Please use Part Number Diagram, Tables and pictures, to select inserts

When selecting length on all except NAS1833 and NAS1834, allow .040”min between insert and back skin

Basic#
NAS1832,Threaded, Closed end, Med Flange
NAS1833,Threaded, Open end, Med Flange
NAS1834,Thru Hole, Open end, Med Flange
NAS1835,Threaded, Closed end, Large Flange
NAS1836,Threaded, Closed end, Small Flange

Special Feature
- (dash) = Locking Thread Element
N = Non Locking Thread Element
K = *for NAS1834 only, Countersunk end, use a -(dash) for flat end.*



NAS1832 - 3 - 4 M

Material
- (dash) = Carbon steel
A = Aluminum 2024t3 or T351
C = Corrosion Resistant Steel 303

Size
of Threads
or Hole

Plating / Lube
Blank = Cad II plating, (Steel)
M = Black moly lubed Threads
P = Cad II plated (Cres)
S = Silver plated (Cres)
Note: Cres inserts should be plated or have black moly in threads to prevent galling.
These options not avail with NAS1834. Steel will be Cad II, Cres will be passivated.

Length specification number / increments
NAS1832, one or more digits / .125 incr.
NAS1833, three digits / .001 increments
NAS1834, three digits / .001 increments
NAS1835, fixed length, see item's table
NAS1836, one or more digits / .031 incr.



Continued.....

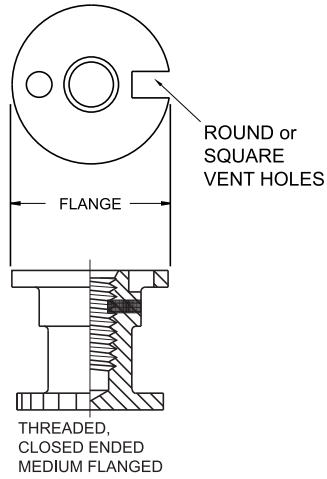
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NAS1832 thru NAS1836, Inserts

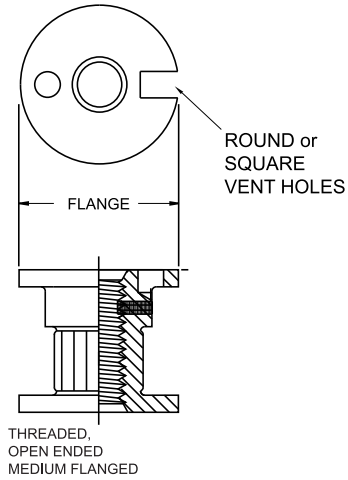
For Composite or Honeycomb Panel Fastening....Continued

NAS1832 series, Potted in Insert, Medium Flange, Threaded with Closed End				
NAS1832	Threads	Flange	Installation Hole size	Length Minimum
-06	6-32	.560	.561-.566	.370
-08	8-32			
-3	10-32			
-4	1/4-28	.685	.686-.691	.500
-5	5/16-24			
-6	3/8-24	.841	.842-.847	



Note:
Do not specify less than minimum lengths shown on Tables !

NAS1833 series, Potted in Insert, Medium Flange, Threaded with Open End				
NAS1833	Threads	Flange	Installation Hole size	Length Minimum
-06	6-32	.560	.561-.566	.250
-08	8-32			
-3	10-32			
-4	1/4-28	.685	.686-.691	.312
-5	5/16-24			
-6	3/8-24	.841	.842-.847	.375



Installation Tabs are supplied with each Insert
If you need extras see the part numbers below for each series and size of insert

NAS1832, 1833, and 1834 all use the tab with part # **NAS1837T3** for thread sizes 06,08 & 3.
NAS1832, 1833, and 1834 all use the tab with part # **NAS1837T6** for thread sizes 4 and 5.
NAS1835, all use **NAS1837T7** they only come in thread sizes 3 and 4.
NAS1836 sizes 06, 08 & 3, use **NAS1837T2**, for size 4 use **NAS1837T4**

Continued.....

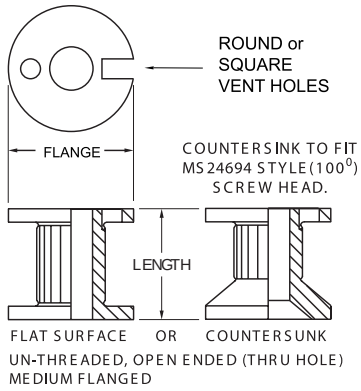
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NAS1832 thru NAS1836, Inserts

For Composite or Honeycomb Panel Fastening....Continued

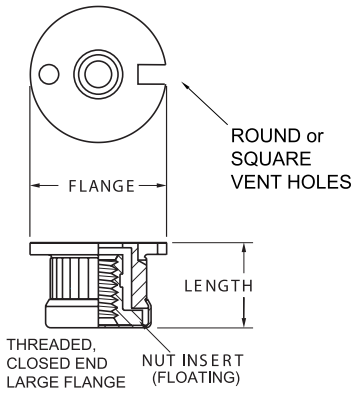
NAS1834 series, Potted in Insert, Medium Flange, UN-Threaded with Open End, Plain or Countersunk Bottom

NAS1834	Thru-Hole Size	Flange	Installation Hole size	Length Minimum
-06	.139-.145	.560	.561-.566	.250
-08	.168-.174			
-3	.195-.201			
-4	.256-.263	.685	.686-.691	.312
-5	.315-.322			
-6	-376-.383	.841	.842-.847	.375



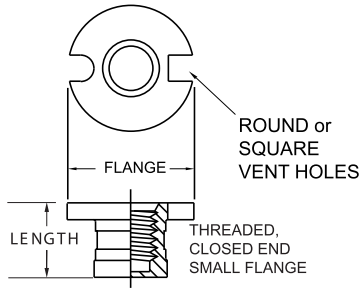
NAS1835 series, Potted in Insert, Large Flange, Floating Nut Element, Closed End.

NAS1835	Threads	Flange	Installation Hole size	Length
-08	8-32	.685	.686-.691	.37
-3	10-32			.43
-4	1/4-28	.748	.749-.755	.56
-5	5/16-24	.810	.811-.817	.75
-6	3/8-24	.873	.874-.880	.81



NAS1836 series, Potted in Insert, Small Flange, Threaded with Closed End

NAS1836	Threads	Flange	Installation Hole size	Length Minimum
-06	6-32	.451	.452-.457	.217
-08	8-32			
-3	10-32			
-4	1/4-28	.498	.499-.504	.279



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