



SECAM

Fastening Solutions

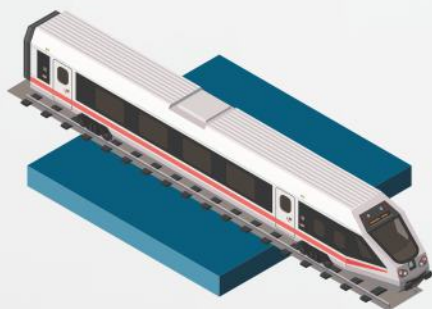


AERONAUTICS

Fasteners for Composites



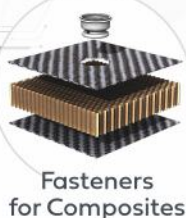
AEROSPACE



RAILWAY

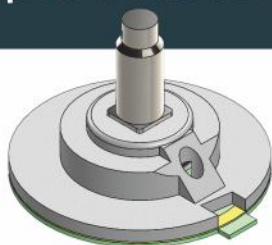
www.secam-fixing.com



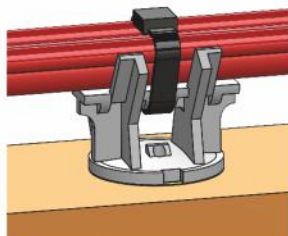
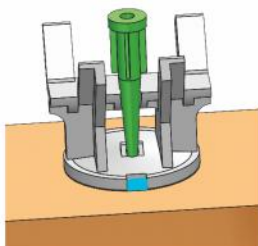
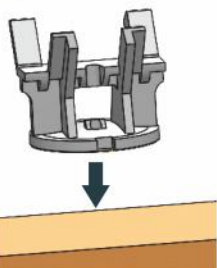
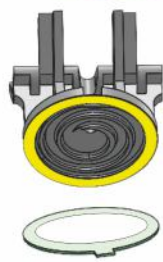


Optimized bonding fasteners for cable tie mount

SECAMautofix

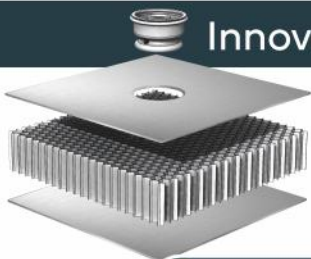


- Fastener held in place by a pre-applied adhesive tab
- Easy and reliable adhesive injection
- Guaranteed filling by foot shape & inspection indicator
- Quote and manufacturing on special requirement only
- Fixed or swivel base



- 1 Peel off lid
- 2 Pre-gluing
- 3 Perfect glue filling with fill indicator
- 4 Cable installation

Innovative Potted-in Insert **SECAMnida**[®]



- Patented Solution for honeycomb and sandwich panels
- Insert held in place by crimping operation
- Easy and reliable adhesive injection
- A visual inspection of the filling via the second vent hole.
- **No additional finishing operations**

1 Drilling **2** Crimping **3** Injection



Simple

Immediate handling after crimping
No needs for finishing operations



Strong

Higher mechanical strength
Pull-out 1800 N - Shear 3000 N



Light

50 % weight reduction

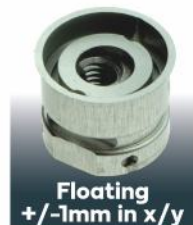
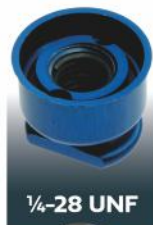
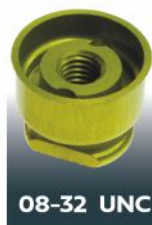


Fast

4 time quicker installation time
than conventional potted-in insert

Range of Applications

- Total Panel Thickness : 8 to 40 mm
- Skin Thickness : 0,5 to 2 mm
- Insert Material : Aluminium or Stainless Steel
- Thread : M3 to M8 or Imperial



**Manual
or Fully automated
installation process**



in partnership with
GEBE2
Europe Technologies group

Threaded Bonding Fastener **SECAMplate**

- Range of standard SECAMplate (M4 - M10)
or on special requirements



Since 1975, HBP Group transforms its customer's ideas into industrial reality, offering innovative services and solutions from prototype to mass production



*High-tech machining
and processes*



*Ceramics &
new materials*



*Fastening
Solutions*

BOUVERAT PERNAT

Innovative Machining

NANOCERAM

Ceramic Technologies

MOLLIEX FRERES

Advanced Manufacturing

SECAM

Fastening Solutions

120
employees

9700 m²
of industrial space

28 M€
in revenue



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