



MICROPEM® TACK FASTENERS

Thinner, Lighter, Stronger Fasteners for Micro Applications

Go above and beyond the ability of traditional micro screws with microPEM® Tack fastening solutions. This family of fastening solutions are lighter, stronger, and smaller in size – ideal for consumer electronics applications and designed to fit within a smaller envelope with better process control and lower total installed cost compared to other micro screw products.



Key Features

- Alternative to micro screws
- Eliminates need to tap or use threaded inserts
- Press-in installation time (1.5 seconds) is less than the time to thread in a screw
- Lowers overall total installed costs from the elimination of the following: patch to prevent loosening, threaded insert or tapped hole, driver bits, cost of rework due to cross-threading or driver bit “cam-out”
- Top sheet can be any material
- Can be installed automatically for high-volume applications

See which microPEM® Tack Solution is Best for You.

FlexTack™ Fasteners

Belleville shaped head draws panels together to adapt to panel thickness tolerance variations.



- Unique head flattens upon simple press-in installation
- Low-profile head fits in places where screws can't
- Clinches into base panel as hard as HRB 45 / HB 84
- Attaches top sheets as thin as 0.1 mm / .004”



For more information, [click here](#) or contact your PEM® Representative.

TackPin® Fasteners

For high strength sheet-to-sheet attachment that reduces assembly costs.



- Reduces installation time vs. a screw
- Use in stainless steel and higher strength aluminum alloy sheets
- Tapered tip and interference fit minimize hole tolerance issues
- Low-profile head saves space

TackSert® Pins

Suitable for installation into plastics, metal castings, other brittle materials.



- Ideal for use in circuit boards
- Simple press-in installation doesn't require heat or ultrasonics
- Low-profile head fits in places where screws can't
- Tapered tip for easier alignment into base panel

TackScrew® Fasteners

Enables one-cycle reusability with use of permanent thread-locking adhesive.



- Designed for sheet-to-sheet attachment
- Eliminate tapping, crossthreading, torque control, vibration backout
- Simple, secure press-in installation
- Can be installed automatically for high-volume applications

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