

Rivscrow® Threaded, Removable Fasteners

Threaded, removable speed (repetition) fasteners that combine the speed of rivet placement with the removability of a screw.



Key features and benefits

- Expands radially during installation to form a thread in host material, eliminating the risk of over torquing and strip-out
- Placed using a hexagon mandrel which expands the threaded diameter radially, adjacent to its six corners
- Removable for servicing with a hex key and reusable
- Providing a higher vibration resistant “thread lock” in the parent material compared to standard screws
- Can be used to fasten most materials up to Vickers hardness 105 Hv5
- Eliminates the need for costly tapping or thread-forming operations
- Bright tin plated steel option for ease of soldering and good electrical conductivity
- Can be bowl fed for larger volume applications using automated equipment

Specifications

Sizes:

2.8 mm to 4.0 mm

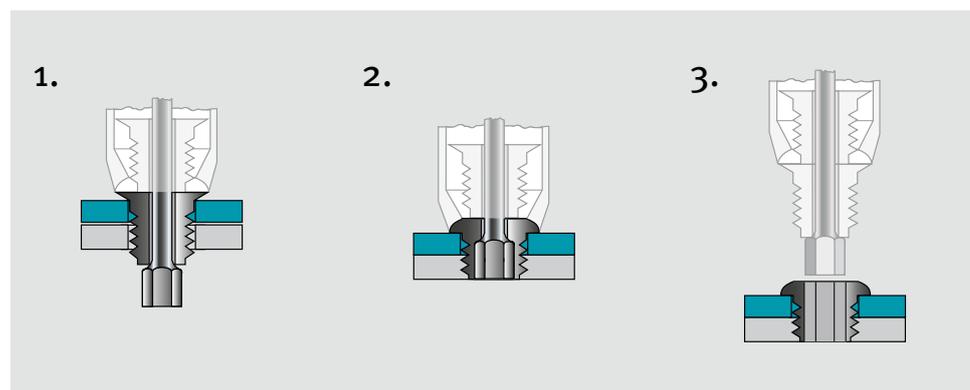
Materials:

Zinc plated steel

Headforms:

Dome

Typical placing sequence



Please visit our website www.avdel-global.com for fastener placing animations.

Assembly applications

- Aluminium die-cast boxes
- Cast magnesium
- Semi-conductors to thin wall and extruded heatsinks
- Semi-conductors to PCBs
- PCBs to chassis assemblies
- Fastening into injection moulded plastic bosses
- General engineering involving plastics, nylon, polycarbonate etc.

Rivscrow® is removable and reusable



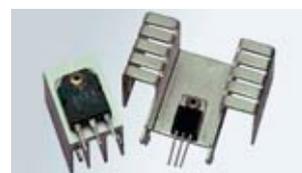
Alternator diode plate to nylon moulding



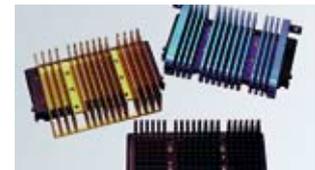
Automotive die-cast chassis with PCB



Semi-conductors to heatsinks and printed circuit boards



Heatsinks to processor cartridges



Seat belt tensioner

