

## Fastening Solutions FAQ

- Can PROFIL install steel fasteners into aluminum panels/extrusions?
  - PROFIL mechanically attaches fasteners into any material. Due to the fastener coating, we can avoid corrosion issues.
- What if my joint is below the water-forwarding line, or exposed to the elements?
  - PROFIL provides several fastener types that are sealed joints, IP67 rated. Our fastener plating allows them to be exposed to the elements without corrosion.
- Do I need a pre-pierced hole in my stamping or extrusion?
  - PROFIL has options to self-pierce or attach to an existing hole. We also help you answer this question with our application engineering support during the design stage.
- What if I need prototypes or testing, but don't want to buy tools or equipment yet?
  - Our Product Development group will support with test reports, prototype installations, and specialized tooling design for specific applications.
- What happens if I have mid-production issues with the joint or PROFIL tooling?
  - Our Field Service team is here to support you physically at the plant. They troubleshoot issues to get you back up and running.
- How do I make sure that I'm using the best fastener for my application?
  - PROFIL's technical Sales team will help guide your fastener choice. Feasibilities for installation tooling will be done by our Application Engineering team. And joint testing/validation will be done by our Product Development team.
- Why PROFIL over another option?
  - PROFIL owns the joint from beginning until the end of production. We manufacture the fasteners, installation tooling, and feed systems. We work with OEM's to design the proper fastener, aid with prototypes and testing, and support production plants with field service engineers. We take care of our customers.
- When should I pick a PROFIL Mechanically Attached Fastener (MAF)?
  - PROFIL fasteners work great in material as soft as 5000 series aluminum, and as hard as 1500 MPa press hardened steel. Our ability to install the fastener in-die means we're a great choice for all your stampings.
- Can I save money by getting rid of my weld fasteners?
  - PROFIL has done extensive work installing fasteners in the stamping process. This eliminates the need for a weld station, operator, and secondary process. This makes your joint as cost-effective as possible.
- Does PROFIL have grounding capabilities?
  - PROFIL provides a structural rivet grounding solution for steel or aluminum, 0.7 – 4.0 mm thickness. This is found in our KSB Rivet stud – more info at <https://www.profil-global.com/products/ksb/>