We are pleased to introduce the new A-Rivet range into the Henrob self-piercing rivet business line. This rivet, available in both 3mm and 5mm diameters, has been specifically developed to allow SPR joints in thinner gauges of aluminum sheet.

Target application

The A-Rivet is targeted at MVI applications – specifically, but not exclusively, to be used in hoods, doors and other closures where the panels tend to be lightweight and non-structural. This rivet is intended for joining thin-gauge aluminum sheets; it may be used to join aluminum sheets, castings, extrusions or even lower-strength steels to thin aluminum bottom sheets.

The rivet is designed to be supplied into setting systems alongside other Henrob rivets such as C, J, K and T-rivets.

Key features

- Can be used with existing equipment
- Ability to achieve a sound joint with aluminum sheets down to 0.75mm

Availability

- Ø 5mm rivets available Q4 2018
- Ø 3mm rivets available now
### Part number build up

- **Shank Ø**
  - ‘3’ – 3 mm nom.
  - ‘5’ – 5 mm nom.
- **Material**
  - ‘A’ – Rad. C’sink
  - ‘4’ – Type 10 Steel
- **Head**
  - ‘A’ – Rad. C’sink
  - ‘N’ – Countersink
- **Coating**
  - ‘H00’ – Zinc/Tin
  - ‘Y00’ – ALMAC
- **Geometry**
  - ‘A’ – Rivet
- **Effective Lengths**
  - ‘0F’ – 3.25 mm
  - ‘0N’ – 3.5 mm
  - ‘0J’ – 3.75 mm
  - ‘04’ – 4.0 mm
  - ‘0P’ – 4.25 mm
  - ‘0E’ – 4.5 mm
- **Nominal Hardness**
  - ‘1’ – 280 Hv
  - ‘2’ – 410 Hv
- **Packaging/Quantity**
  - ‘A**’ – Loose in P-Y Bottles
  - ‘L**’ – Loose in Bags
  - ‘Z**’ – Sprocket Tape Spool

Please note – not all hardness/head styles/coatings available in every length/diameter combination – contact Atlas Copco for more detail

### Derivations

- **Applications**
  - Automotive; Thinner Al. alloys and mild steel sheets
- **Diameters**
  - 3mm and 5mm
- **Lengths**
  - Ø 3mm: 3.25 mm up to 4.25 mm in 0.25 mm increments
  - Ø 5mm: 4mm up to 7mm in 0.5mm increments
- **Materials**
  - Steel type “4” only
- **Hardnesses**
  - Hardness Levels “1” and “2”
- **Head Styles**
  - “A” and “N” head
- **Coatings**
  - “H00” – Zinc Tin
  - “Y00” – ALMAC
- **Packaging**
  - Tape Feed / Loose Feed available – compatible with standard Henrob loose and tape feed systems

Please note – not all hardness/head styles/coatings available in every length/diameter combination – contact Atlas Copco for more detail