

# Difference between Mono and Inter Structural Rivets

## Do you know the difference between Inter and Mono Structural Rivets?

It is essential to know the differences between these two fasteners as the tooling required to set each one is different and specific to each type.

End-users who are unfamiliar with the difference, often use the incorrect tool to set the rivets causing the mandrel to not break at the right point resulting in a non-flush installation.

If are unsure about which fasteners or tooling you should use, feel free to contact Dafra for our professional advice. We want to ensure that you get the right fasteners for your tooling the first time.

## INTER RIVETS

Inter blind structural rivets do NOT require a special nose piece for proper setting. The locking mechanism has been engineered into the fastener to create an internal lock during installation that eliminates pin pushout by mechanically locking the pin to the sleeve.

These are available in Aluminium, Steel, and Stainless Steel in diameters ranging from 4.0mm (3/16") – 6.4mm (1/4") in diameter.



Key features and benefits of Inter blind structural rivets are;

- NO SPECIAL NOST TIP REQUIRED.
- Multi-grip capability with high shear and tensile strength.
- Good sheet take-up performance.
- Excellent hole fill via radially expanded body.
- Wide choice of installation tools.
- One fastener can be used to replace several standard grip fasteners.
- Compensates for irregular, oversized, slotted or misaligned holes.
- Can stop sheet movement in non-standard holes.
- Large gap closing capability.
- Provides very strong, vibration resistant joints.
- No damage, electrical problems or rattling due to loose stems.

## MONO RIVETS

Mono blind structural rivets **DO require a special nose tip** for proper setting. This special nose tip ensures a flush setting as well as correct locking of the internal mandrel to body of the rivet.

Mono rivets are available in Aluminium, Steel, and Stainless Steel materials ranging from 4.0mm (3/16") – 6.4mm (1/4") in diameter.



Key features and benefits of Mono blind structural rivets are;

- Multi-grip capability with high shear and tensile strength.
- Good sheet take-up performance.
- Visible lock for quick and easy inspection.
- Rivet stem breaks almost flush with the rivet head making it suited to contamination sensitive applications.
- Excellent hole fill via rapidly expanded body.
- One fastener can be used to replace several standard grip fasteners.
- Compensates for irregular, oversized, slotted or misaligned holes.
- Can stop sheet movement in non-standard holes.
- Large gap closing capability.
- Provides very strong, vibration resistant joints.
- No damage, electrical problems or rattling due to loose stems.

