



Technical product data sheet

RIFAST® CSE INLINE DPC

› THE PROVEN RIFAST® BOLT TECHNOLOGY NOW EVEN CHEAPER

RIFAST® clinch bolts (EPB) are used millions of times. In many cases they are included as OEM standard in sheet metal applications. In the future, our customer will be able to use RIFAST® clinch bolts (EPB) even more cost-effectively: Our new c-frames RIFAST® CSE Inline DPC not only installs the RIFAST® EPB – they also prepare the sheet metal for stud installation. Before installing the RIFAST® EPB, the sheet metals are domed at the joining position and pierced at the same time.

› CUSTOMER BENEFIT

- No separate hole preparation necessary
- More flexibility for component variants (with EPB or without or at other positions)
- Almost identical cycle times
- No hole finding necessary
- Processing of our proven standard clinching bolts EPB
 - Known product features
 - Stock reduction – because of usage one bolt for applications with or without a hole preparation

This is made possible by the new patented installation process.

**rifast**®

RIFAST® CSE INLINE DPC

Fasteners	EPB M5 – M6
Metal component thickness	0.5 – 1.0 mm
Metal component material	aluminum or steel $R_m \leq 600 \text{ N/mm}^2$
Installation force	60 kN
Down holder force	5 kN
Usage	Manual workstation or fully automated
Feeding technology	Manual insert or with automatic feed
Process monitoring	Window technology for force / stroke
Cycle time	< 6 seconds



› RIFAST® CSE INLINE DPC · INNOVATION

The Innovation of this c-frame is that it performs the hole preparation (dome and pierce) itself and then install the clinching bolt with identical cycle times. This is possible by using a fast, yet energy-saving servo direct drive. Process monitoring: Monitors the processes and records the installation curve. In this way you will continue to receive the proven properties of the RIFAST® clinching bolts in your components.

› RIFAST® · MECHANICAL INSTALLATION PROCESS

