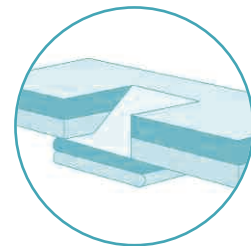
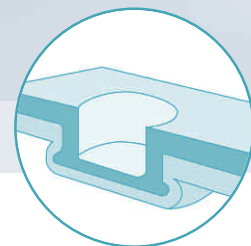


SPOT CLINCH[®] 0201 IP

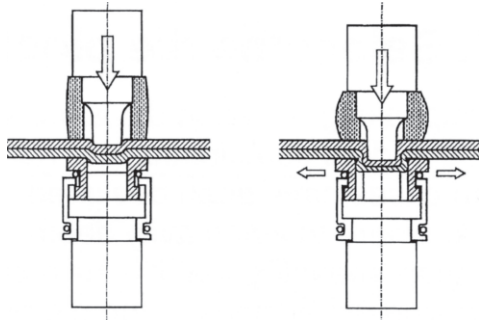
Ultra-fast, 100% pneumatic tool



SPOT CLINCH® 0201 IP - Ultra-fast, 100% pneumatic tool

Metal joining without fasteners

When clinching two or more layers of sheet metal, the material is plastically deformed inside a die through a squeezing process between the punch and the anvil. The joint is created as the material flows sideways pushing out the die walls. The result is a high quality joint, without the need for consumables such as screws or rivets, and without disturbing the coating, thus eliminating the need for post touch-up work as occurs with welding.



The built-in easy end-of-stroke setting nut of the SPOT CLINCH® 0201IP can run various applications. In addition, the flexibility of the SPOT CLINCH® tool kits enables various thicknesses and material combinations to be clinched without resetting the tooling.

A plug-and-play hand tool

This new and extremely productive clinching tool is a plug-and-play, light weight tool. It is 100% pneumatic, actuated by a built-in mechanical amplifier producing the high tool force required for a quality clinch joint. Easy to install, it is particularly suited for multi-purpose operations in the work shop as well as for jobsite assembly.

High speed clinching

The fast two-stage air valve along with the special rectangular tooling, make this machine extremely fast, exceeding more than two shots per second in production.

Short pay-back

Due to the high productivity, long lasting tooling, and the absence of any consumables or any heavy installation such as hydraulic power pack or electric transformer, the return on investment time can be exceptionally short.

Distributed by

Accessories

The tool is delivered complete, ready to use. An air preparation unit, a rotating suspension ring and a balancer are available as options.

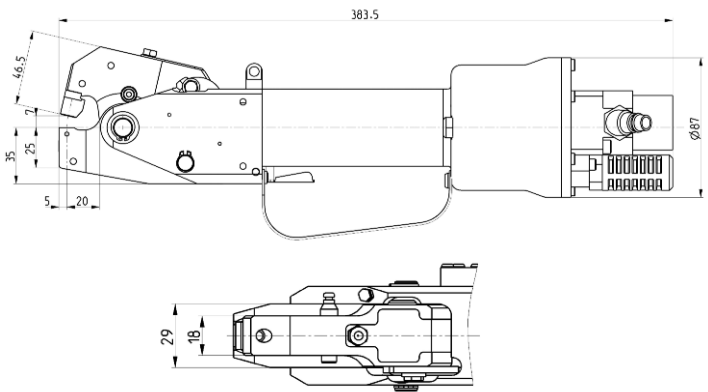
Tool kits



Tool kits

The tool kits have to be selected from the original SPOT CLINCH® series ST 332/312 (rectangular) or SR 403 (round) based on the application.

Main dimensions



Technical specifications

| | | |
|---|-------------|---------------|
| Total weight, approx | 2.7 kg | (5.94 lbs) |
| Working air pressure | 6 bar | (87 psi) |
| Tool force at 6 bar | 25 kN | (5.62 klbs) |
| Cycle time | 0.3 – 0.7 s | (0.3 – 0.7 s) |
| Work stroke | 7 mm | (0.28") |
| Depth of jaws | 20 mm | (0.79") |
| Max. total sheet thickness, mild steel | 2.5 mm | (0.1") |
| Max. total sheet thickness, stainless steel | 1.8 mm | (0.07") |

Products numbers

| Part No | Designation |
|----------------|----------------------------|
| 3 842 2112 550 | SPOT CLINCH® 0201 IP |
| 3 924 2703 710 | Tool kit SR403 07 37 07 |
| 3 924 2703 720 | Tool kit SR403 10 32 07 |
| 3 924 2717 600 | Tool kit ST332 12 30 03 |
| 3 924 2717 605 | Tool kit ST332 09 30 03 |
| 3 924 2717 610 | Tool kit ST332 07 30 03 |
| 3 924 2717 615 | Tool kit ST312 10 30 03 Z1 |
| 3 924 2717 620 | Tool kit ST312 08 30 03 Z1 |
| 3 924 2717 622 | Tool kit ST312 07 30 03 Z1 |
| 3 924 2717 625 | Tool kit ST312 12 30 03 Z1 |
| 3 924 2717 630 | Tool kit ST332 12 50 03 |
| 3 924 2498 331 | Stripper Ø 16 x 11 |

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