

TAURUS® C *(with setting process monitoring)*

Setting process monitoring is achieved by direct online analysis of traction force and traction course recorded during the setting of the rivet. All system components necessary for this operation are integrated in the tools. Analysing a setting process takes less than 1 µs. The results are directly shown by a green or red LED installed in the tool base and optionally by an acoustic signal. In addition to this individual analysis the system also provides collective analysis for the complete workpiece. The tool stores more than 260,000 setting process data which can be retrieved at any time. The system also identifies failure patterns and memorizes them for failure analysis and troubleshooting. The tools can be operated as stand-alone devices or as integrated part of a customer's production system via the GESIPA® interface.

The new interface developed by GESIPA® is based on an embedded PC system and provides 24 digital in and out control system ports, Ethernet connection via a RJ45 connector as well as status LEDs. Connection ports for a protocol converter supporting all common bus systems and for external storage media as well as a USB port for fast data transfer complete the features of the new interface.

In addition, the GESIPA® interface has a process database for storing 250,000 of the most current process data (date, time, rivet position, process curve, analysis, etc.).



TAURUS® C 1-4 (with setting process monitoring)

Of course, the new interface is backward compatible with its predecessor models.



GESIPA®-Interface

All of the above TAURUS® variants are special productions, which are configured or manufactured according to the application case. For advice further questions and price information, please contact our Technical Sales team.

TAURUS® versions

TAURUS® 2/K

The TAURUS® 2/K has been designed for setting plastic rivets. In its functionality the TAURUS® 2/K is identical to the standard tool, however has a stroke of 24 mm instead of 18 mm. Plastic rivets only need a low setting force, however, normally require large setting strokes due to the toughness of the plastic material. The TAURUS® 2/K allows to safely set plastic rivets with only one setting stroke! The TAURUS® 2/K comes with 3 nose pieces for plastic rivets 17/30 K, 17/35 K and 17/40 K included.

Part no. 757 0048

Working range
Blind rivets plastic from 4 up to 6 mm Ø

Nosepieces
17/30K; 17/35K; 17/40K

Technical data
Stroke: 24 mm
Tensile strength: 7 000 N



TAURUS® 2/24

As far as technology and functionality are concerned, the TAURUS® 2/24 is identical to the standard tool, however has a stroke of 24 mm instead of 18 mm. This tool provides the advantage of being able to safely set critical rivet types requiring a large setting stroke with only one setting stroke without re-engagement. This applies, for example, to our BULB-TITE® or similar rivets.

Part no. 757 0047

Working range
Blind rivets up to Ø4 mm all materials, Ø5 mm steel; Ø 6 mm alu

Technical data
Stroke: 24 mm
Tensile strength: 7000 N

TAURUS® 2/AS

The TAURUS® 2/AS is a special version of the TAURUS® 2 with a VAS slide switch which does not engage when in its highest position, thus achieving that vacuum absorption is automatically deactivated once the tool is not in use. This way, unintentional activation of the vacuum absorption with unnecessary air consumption can be effectively avoided.

Part no. 757 0036

Other TAURUS® sizes upon request.