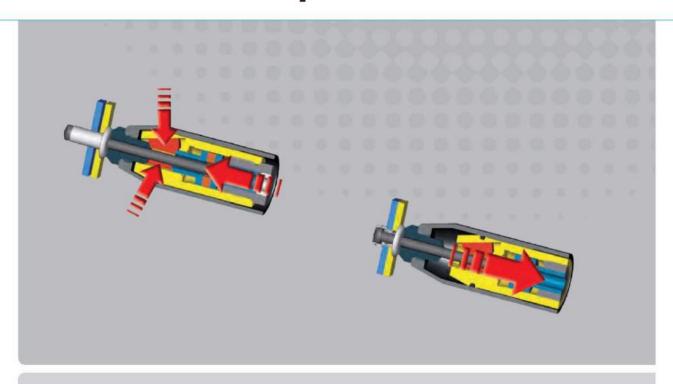
### TAURUS® series - Unique in the market!



The TAURUS® tool series is equipped with a high-performance, patented grip mechanism and jaw system

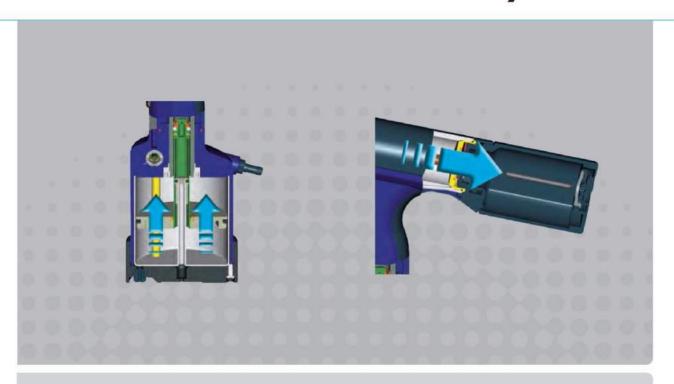
#### Patented jaw system

- > The three jaws move in separate channels while being under forced control.
- > The jaws are pressed onto the mandrel by using com pressed air instead of spring force – the force being ten times higher than usual.
- > Due to the high pressure the jaws immediately cling to the mandrels upon triggering the riveting process, only then the pulling movement starts.

#### GESIPA®-system - decisive advantages

- > The complete stroke of the tool is used for setting the rivet guaranteeing a reliable setting process.
- The immediate and non-slip grip of the mandrel reduces abrasion and troublesome soiling.
- Since the jaws do not slide along the mandrel, the wear and tear of the jaw profiles is reduced.
- Lower costs due to longer service life and low requirements regarding maintenance and spare parts needed.

### TAURUS® series - Maximum Efficiency!



The GESIPA® System – Optimum use of compressed air ensures maximum efficiency and low operating costs.

Compressed air is used very often in industrial production because of its flexibility. It does, however, cause relatively high costs and its consumption damages the environment. These disadvantages are more than enough reason for GESIPA® to equip the TAURUS® tool series with a special technique that allows to save compressed air and is unique throughout the world.

The GESIPA® System uses the compressed air required for the setting process twice. First, to set the blind rivet and secondly, to extract the spent mandrel. Dual use of the compressed air means no expensive, fresh compressed air is needed which other tools on the market constantly need just to extract the spent mandrel. And, last but not least, noise emission from the TAURUS®-tools is extremely low.

In two-shift operation and with compressed air costs of approximately € 0.03 per m³ this innovative technique allows savings of up to € 720 per year and tool.

A TAURUS® 2 can pay for itself in less than one year.

# TAURUS® device series – The modular concept



## TAURUS® device series – The modular concept

### Versatile accessories complete the range!

The modular concept for the TAURUS® series 1-4 lets the user customise the TAURUS® devices to match his individual requirements. Many identical parts that can be used across all devices reduce the need to stock spare parts and make maintenance easy.

**Tool mount** 

This wide range of options provides the user with a high degree of flexibility. Each device in the TAURUS® series 1-4 can be fitted with many different spare parts or refitted according to the application.

# Rivet mandrel evacuation hose Spent mandrel container adoptable for TAURUS® tools 1-4 Blind rivet counters TAURUS® 1-2 TAURUS® 3-4 GRiv-Count GRiv-Amp Swivel air connector Counter eco TAURUS® 1-2 TAURUS® 3-4 Flexible base Optimized stability for TAURUS® 1 for TAURUS® 2

# TAURUS® series



Part no. 145 7665

### Working range

Sets blind rivets from 2.4 up to 3.2 mm Ø all materials and up to 4 mm Ø alu/steel (max. mandrel dia. 2.5 mm)

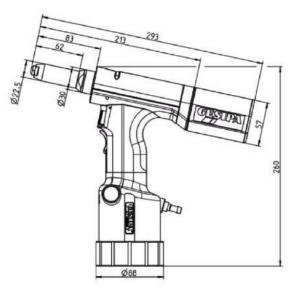
#### **Technical data**

Weight: 1.3 kg Operating air pressure: 5-7 bar Air hose connection: 6 mm Ø (1/4") Air consumption: approx. 1.0 ltr. per rivet 5,500 N at 6 bar Traction power:

Stroke: 15 mm

#### Equipment

Nosepieces: 17/18, 17/20 and 17/22, maintenance wrench SW12/14, SW14/17, 1 hydraulic oil bottle 100 ml, 1 oil refill can, Operating instructions with spare parts list



Dimensions in mm



Part no. 145 7771

#### Working range

Sets blind rivets up to 5 mm Ø all materials and up to 6 mm Ø alu/steel (max. mandrel dia. 3.2 mm)

#### Technical data

Weight: 1.6 kg Operating air pressure: 5-7 bar

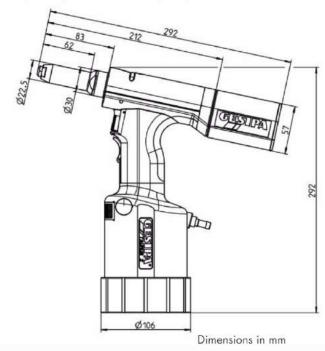
Air hose connection: 6 mm Ø (1/4")

Air consumption: approx. 2.3 ltr. per rivet 11,000 N at 6 bar Traction power:

18 mm Stroke:

#### Equipment

Nosepieces: 17/24, 17/27, 17/29 and 17/32, maintenance wrench SW12/14, SW14/17, 1 hydraulic oil bottle 100 ml, 1 oil refill can, Operating instructions with spare parts list



## Pneumatic-hydraulic blind rivet setting tools



Part no. 145 7871

#### Working range

Sets blind rivets up to 6.4 mm Ø all materials (max. mandrel dia. 4.5 mm)

#### Technical data

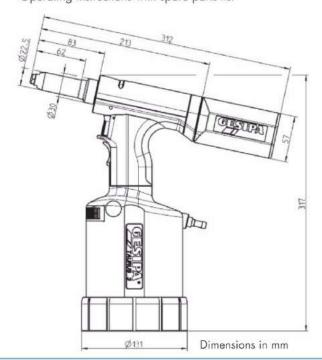
1.9 kg Weight: Operating air pressure: 5-7 bar Air hose connection: 6 mm Ø (1/4")

approx. 4.8 ltr. per rivet Air consumption: Traction power: 18,000 N at 6 bar

25 mm Stroke:

#### Equipment

Nosepieces: 17/36, 17/40 and 17/45, maintenance wrench SW12/14, SW14/17, 1 hydraulic oil bottle 100 ml, 1 oil refill can, Operating instructions with spare parts list





Part no. 145 7964

#### Working range

Sets blind rivets up to 6.4 mm Ø all materials and up to 8 mm Ø alu (max. mandrel dia. 4.5 mm)

#### **Technical data**

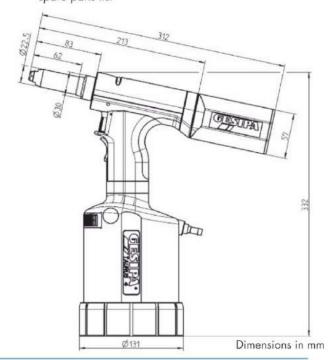
2.0 kg Weight: Operating air pressure: 5-7 bar Air hose connection: 6 mm Ø (1/4")

Air consumption: approx. 4.8 ltr. per rivet Traction power: 23,000 N at 6 bar

Stroke: 19 mm

#### Equipment

Nosepieces: 17/36, 17/40 and 17/45, maintenance wrench SW12/14, SW14/17, 1 hydraulic oil bottle 100 ml, 1 oil refill can, Operating instructions with spare parts list



# TAURUS® series



#### **Working range**

Blind rivets above 6.4 mm  $\varnothing$  all materials and lockbolts up to 10 mm Ø with corresponding pulling heads (look on page 144).

#### **Technical data**

 $3.4 \, kg$ Weight: 5-7 bar Operating air pressure: Air hose connection:

6 mm Ø (1/4") Air consumption: approx. 6.9 ltr. per rivet

42,000 N at 7 bar Traction power:

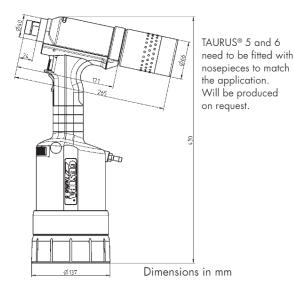
Stroke: 17 mm

#### **Equipment**

1 hydraulic oil bottle 100 ml

1 oil refill can

Operating instructions with spare parts list





#### **Working range**

Blind rivets above 6.4 mm Ø all materials and lockbolts up to 10 mm Ø with corresponding pulling heads (look on page 144).

#### Technical data

3.4 kg Weight: 5-7 bar Operating air pressure:

Air hose connection: 6 mm Ø (1/4")

Air consumption: approx. 6.9 ltr. per rivet 50,000 N at 7 bar Traction power:

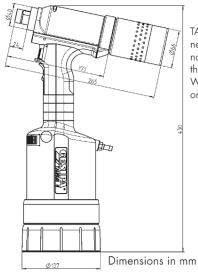
Stroke: 15 mm

#### **Equipment**

1 hydraulic oil bottle 100 ml

1 oil refill can

Operating instructions with spare parts list



TAURUS® 5 and 6 need to be fitted with nosepieces to match the application. Will be produced on request.

The comprehensive range of accessories allows you to adapt your tool to virtually any challenge whether trade, construction or industrial applications.

#### **Nosepieces**



#### For long mandrels, special blind rivets and other challenges

The use of the correct nosepiece is essential for ensuring reliable riveting and a neat riveted joint. A large selection of standard and special nosepieces makes it possible to quickly adapt to various types of blind rivet. Even special versions are generally available on request. All nosepiece allocation data relate to DIN and GESIPA® blind rivets.

#### Nosepiece assignment

Rivet	Rivet Ø mm	Rivet material	Nosepiece	Part no.
Standard	2.4	Alu	17/18	143 4976
	3.2	CAP®-Alu, CAP®-Cu	17/18	143 4976
	3	Alu/Cu	17/20	143 4994
	3	Alu, Cu, Steel, Stainless steel, Stinox, Alu/alu	17/22	143 5018
	3 and 3.2	Alu, Cu, Steel, Stainless steel, Stinox, PG-Alu, PG- Steel, PG-Stainless steel	17/24	143 4955
	4	Alu, Cu, CAP®-Alu, CAP®-Cu	17/24	143 4955
	4	Steel, Alu, PG-Alu	17/27	143 4973
	4	Stainless steel, Stinox, PG-Steel, PG-Stainless steel	17/29	143 4974
	4.8 and 5	Alu, CAP® Alu, CAP® CU, PG Alu	17/29	143 4974
	4.8 and 5	Steel, Alu	17/32	143 4975
	4.8 and 5	Stainless steel, Sfinox, PG-Steel, PG-Stainless steel, G-Bulb	17/36	143 4977
	6	Alu	17/36	143 4977
	6	Steel	17/40	143 4999
	6.4	Alu	17/40	143 4999
	6.4	Steel, Alu, Stainless steel, PG-Stainless steel, G-Bulb	17/45	143 4860
	8	Alu	17/45	143 4860
BULB-TITE®	4	Alu	17/26 BT	143 4985
	5.2	Alu	17/32 BT	143 4986
	6.3	Alu, Steel, Monel	17/42 BT	143 4988
	7.7	Alu	17/48 BT	143 4989
MEGA GRIP®	4.8	Alu, Steel, Stainless steel	17/31 MG	143 4993
	6.4	Alu, Steel, Stainless steel	17/41 MG	143 4865