

## Hydro-pneumatic blind rivet setting tools

**Nosepieces for PH tools** Information about nosepiece allocations are valid for DIN compliant and GESIPA® blind rivets.

| Rivet Ø   | Rivet material   | PH 1  | PH 2   | PH 2-VK | PH-Axial | PH 2000   | PH 2000-BT |
|-----------|--|-------|--------|---------|----------|-----------|------------|
| 2.4       | Alu  | 16/18 | 10/18* | 10/18   | 10/18*   | 10/18*    | —          |
| 3.2       | CAP-Alu, CAP-Cu  | 16/18 | 10/18* | 10/18   | 10/18*   | 10/18*    | —          |
| 3 and 3.2 | Alu, Cu, Steel, Stainless steel, Stinox, Alu, PG-Alu, PG-Steel | 16/24 | 10/24* | 10/24   | 10/24*   | 10/24*    | —          |
| 4         | Alu, Cu, CAP-Alu, CAP-Cu                                       | 16/24 | 16/24  | 10/24   | 16/24    | 16/24     | —          |
| 4         | PG-Alu, steel, Alu   | 16/27 | 16/27  | 10/27   | 16/27    | 16/27     | —          |
| 4         | Stainless steel, Stinox, PG-Steel                              | 16/29 | 16/29  | —       | 16/29    | 16/29     | —          |
| 5 and 4.8 | Alu, CAP-Alu, CAP-Cu, PG-Alu                                   | —     | 16/29  | —       | 16/29    | 16/29     | —          |
| 5 and 4.8 | Steel, alu   | —     | 16/32  | —       | 16/32    | 16/32     | —          |
| 5 and 4.8 | Stainless steel, Stinox, PG-Steel                              | —     | 16/36  | —       | —        | 16/36     | —          |
| 6         | Alu  | —     | —      | —       | —        | 16/36     | —          |
| 6         | Steel  | —     | —      | —       | —        | 16/40     | —          |
| 6.4       | Alu, PG-Alu  | —     | —      | —       | —        | 16/40     | —          |
| 6.4       | Steel, Alu   | —     | —      | —       | —        | 16/45     | —          |
| 4         | Plastic  | —     | —      | —       | —        | 16/30K    | —          |
| 5         | Plastic  | —     | —      | —       | —        | 16/35K    | —          |
| 6         | Plastic  | —     | —      | —       | —        | 16/40K    | —          |
| 4.8       | all <b>MEGA GRIP®</b>  | —     | —      | —       | —        | 16/31MG   | —          |
| 6.4       | all <b>MEGA GRIP®</b>  | —     | —      | —       | —        | 16/41MG** | —          |
| 4         | all <b>BULB-TITE®</b>  | —     | —      | —       | —        | —         | 16/26BT    |
| 5.2       | all <b>BULB-TITE®</b>  | —     | —      | —       | —        | —         | 16/32BT    |
| 6.3       | all <b>BULB-TITE®</b>  | —     | —      | —       | —        | —         | 16/42BT    |
| 7.7       | all <b>BULB-TITE®</b>  | —     | —      | —       | —        | —         | 16/48BT    |

\* Small jaw assembly required (see page 133)

\*\* Conversion kit necessary (715 9714)

## PH1 and PH2 with VAS (vacuum absorption system)



See page 130 for description

**While stocks last!**  
PH 1 assembled with VAS will be replaced by **TAURUS® 1** and PH 2 assembled with VAS will be replaced by **TAURUS® 2**.

This device (VAS) absorbs the spent mandrel after the riveting operation and transports it automatically into the mandrel container. A further advantage is offered when the rivet, inserted into the nosepiece, is held in the jaw mechanism even if the tool head is in a vertical downwards position. The vacuum absorption device is available as a complete built-in set and can also be retrofitted to existing GESIPA® riveting power tools at any time.

PH 1 assembled with VAS  
**part no. 716 0070**

PH 2 assembled with VAS  
**part no. 717 0033**

## Hydro-pneumatic blind rivet setting tool

### PH 2000

Part no. 715 0016



#### Working range

Blind rivets from Ø 3,0 up to 6 mm all materials and blind rivet with Ø 2,4 mm with small jaw assembly (page 133)

#### Technical data

Weight: 2.08 kg  
 Operating air pressure: 6 bar  
 Air hose connection: 6 mm Ø (1/4")  
 Air consumption: 2.8-3.6 ltr. per rivet (0.6 ltr. compr. air)  
 Traction power: 10,000 N at 5 bar  
 Stroke: 22 mm

#### Nosepieces/accessories

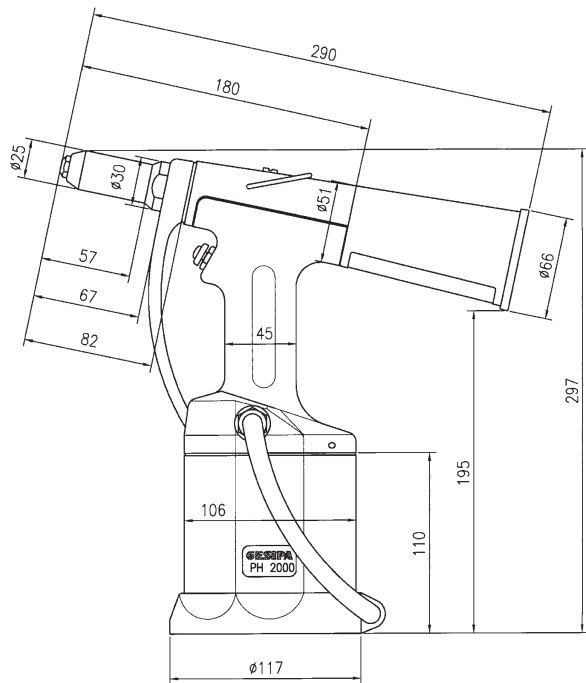
Nosepieces:  
 16/24, 16/27, 16/29, 16/32, 16/36, 16/40 and 16/45  
 1 set of jaws, 1 air deflector (no. 896)  
 1 wrench MSU  
 1 ball headed screw driver SW 2.5  
 1 oil refill can with hydraulic oil  
 Maintenance instructions with spare parts list

## Hydro-pneumatic blind rivet setting tool

### PH 2000

#### Features

- The patented broken mandrel disposal system with the extraction option is an integral part of the tool. No retrofitting required.
- The compressed air used for the setting process is then used to automatically eject the broken mandrel, an efficient and cost saving solution.
- High setting force with low weight
- Universal use, easy handling
- Large stroke (22 mm) – guarantees setting without re-engagement and increases the oil refilling intervals
- Pneumatic piston return – high working sequence
- Hydraulic head: Aluminium with wear-proof cylinder surface
- Pneumatic cylinder: Aluminium with impact-resistant plastic sheath
- Trigger valve: Direct pneumatic triggering – fast and functionally reliable



## Hydro-pneumatic blind rivet setting tool

### PH 2000-BT only for BULB-TITE®

Part no. 715 0040

#### Working range

BULB-TITE® blind rivets up to 7.7 mm Ø  
all materials

#### Technical data

Weight: 1.9 kg  
Operating air pressure: 6 bar  
Air hose connection: 6 mm Ø (1/4")  
Air consumption: 2.8-3.6 ltr. per rivet  
(0.6 ltr. compr. air)  
Traction power: 10,000 N at 5 bar  
Stroke: 22 mm

#### Nosepieces/accessories

Nosepieces: 16/26 BT, 16/32 BT, 16/42 BT and 16/48 BT  
1 nozzle tube no. 8080 a (built-in)  
1 nozzle tube no. 8080 b (as accessory)  
1 wrench MSU  
1 ball headed screw driver SW 2.5  
1 oil refill can with hydraulic oil  
1 air deflector (no. 896)  
Maintenance instructions with spare parts list

#### Jaws (3 parts) for PH 2000-BT

Part no. 715 1527



#### Universal nosepiece

The universal nosepiece replaces five nosepiece sizes.

The integrated rotary star in the steel sleeve can be unlocked easily without tools in order to select the appropriate size of nosepiece.

More information on the universal nosepiece can be found on page 133.



**Article numbers for nosepieces** Information about nosepiece allocations are valid for DIN compliant and GESIPA® blind rivets.

| Article | Part no. | Article | Part no. | Article | Part no. | Article | Part no. | Article | Part no. |
|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| 10/18   | 705 1182 | 16/18   | 717 1196 | 16/30K  | 714 1300 | 16/31MG | 717 9669 | 16/26BT | 717 1471 |
| 10/24   | 705 1247 | 16/24   | 717 1234 | 16/35K  | 714 1351 | 16/41MG | 717 9677 | 16/32BT | 717 1498 |
|         |          | 16/27   | 717 1277 | 16/40K  | 714 1408 |         |          | 16/42BT | 717 1501 |
|         |          | 16/29   | 717 1293 |         |          |         |          | 16/48BT | 717 1528 |
|         |          | 16/32   | 717 1323 |         |          |         |          |         |          |
|         |          | 16/36   | 717 1366 |         |          |         |          |         |          |
|         |          | 16/40   | 717 1390 |         |          |         |          |         |          |
|         |          | 16/45   | 717 1455 |         |          |         |          |         |          |