

# Performances

## Working range

from M3 to M10 all materials  
M12 all and steel

## Technical Data

Weight: 2,4 kg (4,4 lbs)  
Course, adjustable, max: 10mm  
Traction force, adjustable max: 16,5 kN (3,7 tons)  
Operating air pressure: 6 mm Ø (1/4") 5,7 bar  
Air hose connection: 6 mm Ø (1/4")  
Air consumption: Approx. 2 to 4 l per cycle (depends of nut size)

## Standard Accessories

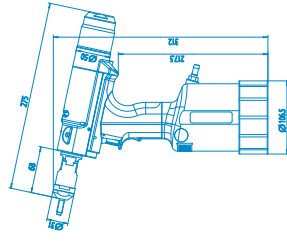
2 wrenches SW24/27  
1 Allen screw driver SW4  
1 Oil can with 100ml hydraulic oil  
1 Oil refilling can  
Operation manual

## Standard equipment

Threaded mandrel and nosepiece from M3 to M12 as per customer's choice

## Special accessories

- Adapters for use of allen DIN EN ISO 4762 (12,9 quality) instead of threaded mandrels M4 to M8
- Adapters for setting of blind rivet nuts M4 to M8
- Nosepieces and threaded mandrels with UNC/UNF threads
- Complete sets of nosepieces and threaded mandrels.



# FireFox® — Just innovative!

**Most blind rivet nut setting tools on the market are stroke controlled, while only a handful are traction force controlled. GESIPA® now offers both features together in a single pneumatic-hydraulic tool and provides the user with the choice between both setting modes: easy, fast and safe!**

## FireFox® — The new one

### Setting blind rivet nuts with traction force adjustment

This means that the tool will stop pulling the blind rivet nut when a pre-adjusted traction force threshold is reached. No re-adjustment is needed when setting blind rivet nuts into different material thicknesses or when using blind rivet nuts with different shaft lengths. Traction force control prevents damage of the material which cannot be overstressed by a too high setting pressure and preserves the integrity of the blind rivet nut thread. As a bonus, it also extends the life duration of the threaded mandrels.

The desired traction force threshold can be very simply adjusted with an allen wrench once the stroke adjustment has been set to the maximum.



## FireFox® — The reliable one

### Setting blind rivet nuts with constant stroke adjustment

This means that the tool will pull the blind rivet nut with its maximum force and stop immediately when the pre-adjusted stroke has been covered, nut for nut, safely and reliably. The stroke adjustment is easily and clearly performed using a millimetre scale on the tool adjustment thumb wheel, without the need for any tool, after having adjusted the pulling force to its maximum. The millimetre adjustment scale exactly reflects the effective stroke of the threaded mandrel, so that maladjustment is nearly impossible. Moreover it is safely locked to prevent any drift.

The protruding length of the threaded mandrel can be adjusted manually according to the shaft length of the blind rivet nut.



## FireFox® — The simple one

### Easy operation through automatic drill-on function

The drill-on process will automatically start when a blind rivet nut is lightly pressed onto the mandrel tip. This avoids the cumbersome double action on twin triggers. Thereafter introduce the blind rivet nut into its setting hole, press the trigger and keep it depressed until the setting cycle is completely finished, nut drilled off and tool free. It couldn't be easier!



## FireFox® — The fast one

### Extremely fast working cycle

Great care has been taken to shorten every sequence of the setting cycle to its absolute minimum: Pulling sequence and subsequent automatic drill-off take place at breathtaking speed and require only a single action on the trigger.

# FireFox® — The complete range

**This new tool doesn't come alone. GESIPA® is offering a comprehensive range of accessories in order to cope with special applications and difficult tasks: easy, fast and safe!**

## FireFox® — The canny one

### ... can be operated with DIN EN ISO 4762 allen screws instead of threaded mandrel.

Special adapters available as accessory for M4 to M8 threads allows the original threaded mandrels to be replaced by allen screws: a substantial cost saving without any quality or performance loss and higher endurance when far away from the spare parts source. Best results are obtained with 12,9 grade screws.



## FireFox® — The versatile one

### Sets blind rivet nuts from M3 to M12, also those with extended grip range.

The wide range of suitable thread sizes provides the FireFox® with a large variety of possible operation. The choice between stroke and traction force control also makes it suitable for industrial applications where several material thicknesses need to be covered, which would normally require the use of several tools.

Moreover, its outstanding 10mm stroke is ideally suited to the new generation of large grip range blind rivet nuts, like the GESIPA® PolyGrip® products.



## FireFox® — All inclusive

### The FireFox® special accessories

GESIPA® not only offers threaded mandrels and nosepieces for the current thread sizes M3 to M12, but also adapters for blind rivet nut studs from M4 to M8.

This range of threaded mandrels and nosepieces is also available with equivalent UNC/UNF thread dimensions.

All these parts can be ordered separately, either individually or in complete sets. They are not included in the standard delivery of the tool.



# System components & accessories

| Tool versions                      |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| FireFox® with threaded mandrel M6  | Part number 772 0001                                                    |
| FireFox® with threaded mandrel M3  | Part number 772 0002                                                    |
| FireFox® with threaded mandrel M4  | Part number 772 0003                                                    |
| FireFox® with threaded mandrel M5  | Part number 772 0004                                                    |
| FireFox® with threaded mandrel M8  | Part number 772 0005                                                    |
| FireFox® with threaded mandrel M10 | Part number 772 0006                                                    |
| FireFox® with threaded mandrel M12 | Part number 772 0007                                                    |
| Nosepieces and threaded mandrels   |                                                                         |
| Complete set metrisch              | Part number 772 1115 Complete set UNC/UNF Part Number 772 1142          |
| Nosepiece M3                       | Part number 772 1053 Threaded Mandrel M3 Part number 772 1046           |
| Nosepiece M4                       | Part number 772 1054 Threaded Mandrel M4 Part number 772 1047           |
| Nosepiece M5                       | Part number 772 1055 Threaded Mandrel M5 Part number 772 1048           |
| Nosepiece M6                       | Part number 772 1056 Threaded Mandrel M6 Part number 772 1049           |
| Nosepiece M8 & 5/16"-18 UNC        | Part number 772 1057 Threaded Mandrel M8 Part number 772 1050           |
| Nosepiece M10                      | Part number 772 1058 Threaded Mandrel M10 Part number 772 1051          |
| Nosepiece M12                      | Part number 772 1059 Threaded Mandrel M12 Part number 772 1052          |
| Nosepiece 6-32 UNC                 | Part number 772 1108 Threaded Mandrel 6-32 UNC Part number 772 1101     |
| Nosepiece 8-32 UNC                 | Part number 772 1109 Threaded Mandrel 8-32 UNC Part number 772 1102     |
| Nosepiece 10/24 UNC/10-32 UNF      | Part number 772 1110 Threaded Mandrel 10-24 UNC Part number 772 1103    |
| Nosepiece 1/4"-20 UNC              | Part number 772 1111 Threaded Mandrel 1/4"-20 UNF Part number 772 1104  |
| Nosepiece M8 & 5/16"-18 UNC        | Part number 772 1057 Threaded Mandrel 5/16"-18 UNC Part number 772 1106 |
| Nosepiece 3/8"-16 UNC              | Part number 772 1113 Threaded Mandrel 3/8"-16 UNC Part number 772 1107  |

Special threaded mandrels (extended length or fine thread) available on request

| Accessories                          |                      |
|--------------------------------------|----------------------|
| Adapter for DIN screws M4            | Part number 772 1117 |
| Adapter for DIN screws M5            | Part number 772 1132 |
| Adapter for DIN screws M6            | Part number 772 1136 |
| Adapter for DIN screws M8            | Part number 772 1137 |
| Adapter for blind rivet nut studs M4 | Part number 772 1138 |
| Adapter for blind rivet nut studs M5 | Part number 772 1139 |
| Adapter for blind rivet nut studs M6 | Part number 772 1140 |
| Adapter for blind rivet nut studs M8 | Part number 772 1141 |

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# FireFox®



# FireFox® Highlights

- Selectable stroke or pulling force control
- Automatic drill-on function
- Extremely fast working cycle
- For M3 to M12 blind rivet nuts
- Threaded mandrels can be replaced by allen screws
- Comprehensive range of accessories



**The new GESIPA® hydro-pneumatic tool sets blind rivet nuts ... and the benchmark as well !**

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