



### **High Tech Product**

Manual series professional "high tech" riveters are destined for installation of blind and nut rivets. The unique ratio from among weight, size and performance markedly distinguish them from other similar products. These riveters were specially developed in relation to an easier riveting in combination with timeless design and sophisticated ergonomy.

### **Quick Interchangable System**

Manual series nut riveters are equipped with the newly developed quick interchangable system designed in respect to an easy exchange of mandrels without using any additional tools directly at the workplace and consequently to a substantial time saving.

### Stroke Setup

The innovated stroke setup forms an integral part of the standard tool equipment. This allows, in combination with the quick interchangeable system, an easy and quick manual resize of the tool to a required diameter.

Manual Series

#### Adjustment of the Lever Opening Angle

Manual series blind riveters are standardly equipped with a system for adjusting the opening angle of levers which is necessary for correct setup of the tool. This enables rupturing of rivets in optimal lever position and therefore correct and even riveting especially required at structural rivets.

#### Easy Installation of Blind and Nut Rivets

The Manual series riveters can be used in a series production due to new unique design of their mechanism which enables riveting with application of the minimum force and lever length and allows a reduction of the tool weight while maintaining its high quality and durability.

### **Ergonomy and Design**

Manual series riveters are distinguished by the timeless design of Professor Pavel Škarka and sophisticated ergonomy, which allows their easy set up and use in demanding condition of series production.



### $M_1$

High professional long arm riveter with built-in unique transmission of power allows effortless setting of blind rivets.

Capacity Ø 2,4 - 4,8 mm Al, St, Rv

Weight 1,3 kg Length 350 mm

Body Material High strength ABS (plastic)

Lever Material Steel

**Equipment** Nose pieces Ø 3.0 - 4.8 mm



## M<sub>2</sub>

High professional long arm riveter with built-in unique transmission of power allows effortless setting of blind rivets.

Capacity 4,0 - 6,4 mm Al, St, Rv

structural rivets

Weight 1,5 kg

**Length** 410 mm

**Body Material** High strength ABS (plastic)

Lever Material Steel

**Equipment** Nose pieces Ø 4,8 - 6.4 mm



# **M**3

High professional powerful tool with built-in unique transmission of power allows effortless setting of blind rivet nuts and bolds.

Capacity Blind rivet nuts: M<sub>3</sub> - M8

Blind rivet bolds: M4 - M6

Weight 1,5 kg

**Length** 380 mm

Body Material High strength ABS (plastic)

Lever Material Steel

**Equipment** Conversion kit blind rivet

nuts: M4 - M8



## M4

High professional powerful tool with built-in unique transmission of power allows effortless setting of large size blind rivet nuts and bolds.

Capacity

Blind rivet nuts: M<sub>3</sub> - M<sub>12</sub>

Blind rivet bolds: M4 - M8

Weight

1,8 kg

Length

460 mm

Body Material

ABS (plastic)

Lever Material

Steel

Equipment

Conversion kit blind rivet

nuts: M6 - M12



High professional powerful tool with built-in unique transmission of power allows effortless setting of large size blind rivet nuts and bolds with push/pull mechanism in the rear for quicker installation.

Capacity Blind rivet nuts: M3 - M12

Blind rivet bolds: M4 - M8

Weight 2,4 kg

Length 485 mm

**Body Material** High strength ABS (plastic)

Lever Material Steel

Equipment Conversion kit blind rivet

nuts: M6 - M12



# $M_5$

High professional powefull tool with build in unique transmission of power allows effortless setting of large size blind rivet nuts and bolds with retched-key especially design for operation in small areas.

Capacity Blind rivet nuts: M<sub>3</sub> - M<sub>12</sub>

Blind rivet bolds: M4 - M8

Weight 1,25 kg

**Length** 212 mm

Body Material Steel

Lever Material Steel

**Equipment** Conversion kit blind rivet

nuts: M6 - M12

### Notes

www.manualseries.com