



## ● BSP 03

### Stud welding unit W+S Rivet Gun

#### Rivet gun

Art.-N° 341009

- For pulling out the spread rivets
- For putting the blind rivets

#### Welding gun

to weld on the  
pulling pins



**BSP 03**  
Art.-Nr. 341001



Homologation: **BMW E60 E61 (series 5)**  
**E63 E64 (series 6)**

## Belt sander

Art.-N° 671001



## Air regulator CO<sub>2</sub>

Art.-N° 311042



## Blow lamp

### BSP 03

Art.-N° 341003



## Cartridge pistol

### Handy Max

Art.-N° 341005



## Centre punch

Art.-N° 628005



## Rivet head drill

### 6,4 x 70,5 mm

Art.-N° 341007



## Trolley

### BSP 03

Art.-N° 348010



## Technical data rivet gun:

Weight:	2,2 kg (4,85 lbs) with battery
Stroke:	20 mm (.787")
Drive Unit:	12 V direct current motor
Traction Power:	13.000 N (1.900 lbs.)
Noise emission:	LPA 78,5 dB
Vibrations :	< 2,5/s <sup>2</sup>

## Technical data BSP 03:

Designation:	BSP 03 (A) stud welding system
Welding process:	Drawn arc stud welding (DS)
Welding range:	Draw pins dia 5 / 6 x max. 40mm
Material:	Steel and heat-resistant steel
Source of current:	Transformer / Rectifier
Welding current:	800 A DC
Welding voltage:	34 V DC
Open-circuit power:	70 V DC
Power output:	13.6 KW
Welding time:	1 up to 199 ms (adjustable)
Duty cycle /	
Welding sequence:	1% (up to 3 studs/min Ø 6mm)
Standard gun:	BSP 03 (A) stud welding gun
Mains supply:	<b>Europe:</b> 400, 440, 480 V, CEE 16 A (3 phases + safety earth conductor) <b>UL USA:</b> 200 V, 30 A (3 phases + safety earth conductor) <b>3 x 400 V 50/60 Hz (standard type)</b>
Possible supply voltages:	3 x 200, 3 x 400, 3 x 440 or 3 x 480 V (+/-10%) 50/60 Hz
Power input (mains supply):	24.2 KVA / 13.6 KW (welding circuit)
System of protection:	IP21
Shielding gas supply:	max. 3 - 5 l/min (mixed gas containing 80 - 85% of Argon and 20 - 15% of CO <sub>2</sub> )
Dimensions:	230 x 410 x 320 (w x h x d)
Weight:	32 kg, slight deviations are possible depending on accessories.

## Consumables

**draw pins V2A-SA,  
6 x 40 mm, VE 500 pc.**  
Art.-N° 347001

**abrasive belts grain 80, VE 10 pc.**  
Art.-N° 677001

