

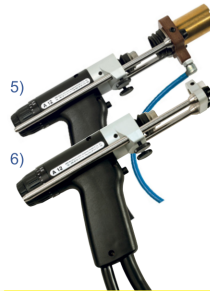
### A 12



- Small gun with easy set-up for SC welding
- Length compensation (stable welding results)

M3 to M8 (M10)  
#4 to 5/16" (7/16")

### A 12



- Compact gun with easy set-up
- Length compensation (stable welding results)

M3 to M12  
#4 to 1/2"

### A 12-FL



- Simple set-up of the gun without length compensation

Dia. 3 to 12 mm  
#4 to 1/2"

<b>Suitable stud welding unit</b>	ARC 800, Visar 650, Visar 1200, IT 1002, IT 2002, IT 90	ARC 800, Visar 650, Visar 1200, IT 1002, IT 2002, IT 90	ARC 800, Visar 650, Visar 1200, IT 1002, IT 2002, IT 90
<b>Welding process</b>	SC	ARC (ceramic, gas), SC	ARC (ceramic, gas)
<b>Stud material</b>			
<b>Welding range</b>	M3 to M8 (M10 with special equipment), dia. 2 to 8 mm / #4 to 5/16" (7/16" with special equipment), dia. 14 ga to 5/16"	M3 to M12 / dia. 2 to 12 mm / #4 to 1/2", dia. 14 ga to 1/2"	M3 to M12 / dia. 2 to 12 mm / #4 to 1/2", dia. 14 ga to 1/2" / ARC ISO pins dia. 3 to 6 mm / dia. #4 to 1/4"
<b>Stud length</b>	6 to 40 mm / 0.24" to 1.57", (longer studs with optional accessories)	10 to 400 mm / 0.39" to 15.74" (depending on leg assembly)	10 to 400 mm / 0.39" to 15.74" (depending on leg assembly)
<b>Stud type</b>	Any type or shape (special chucks if required)	Any type or shape (special chucks if required)	ARC insulation pin, ARC fiberfix pin, ARC threaded stud, ARC pin
<b>Length compensation</b>	3 mm / 0.12" automatic	3 mm / 0.12" automatic	--
<b>Lift</b>	Adjustment range 3 mm / 0.12", lockable	Adjustment range 3 mm / 0.12", lockable	Fixed 6 mm / 0.24"
<b>Spring force</b>	Adjustable, arresting	Adjustable, arresting	Fixed
<b>Welding cable</b>	4.8 m / 15.75', 35 mm <sup>2</sup> , SK 50	4.8 m / 15.75', 35 mm <sup>2</sup> , SK 50	5 or 10 m / 16.40' or 32.81', 35 mm <sup>2</sup> , SK 50
<b>IP Code</b>	IP 20	IP 20	IP 20
<b>Workplace noise level</b>	Up to 90 dB (A) may occur during welding	Up to 90 dB (A) may occur during welding	Up to 90 dB (A) may occur during welding
<b>Dimension LxWxH (without cable)</b>	190 x 40 x 140 mm / 7.48" x 1.57" x 5.51"	200 x 65 x 140 mm / 7.87" x 2.56" x 5.51"	200 x 65 x 140 mm / 7.87" x 2.56" x 5.51"
<b>Weight (without cable)</b>	0.8 kg / 1.76 lbs	0.8 kg / 1.76 lbs	0.8 kg / 1.76 lbs



#### Order No.

- <sup>3)</sup> 93-20-276 (PPR-2/SC)  
<sup>4)</sup> 93-20-277 (PSS-1/SC)

92-40-018 (Accessories CD M3 to M8)

#### Order No.

- <sup>5)</sup> 93-20-274 (Gas)  
<sup>6)</sup> 93-20-275 (Ceramic)

93-40-114 (Accessories for shielding gas; M6 to M12)  
93-41-012 (Accessories for ceramic; M6 to M12)

#### Order No.

- <sup>7)</sup> 93-20-260 (excluding leg assembly, 5 m cable length)

93-40-022 (leg assembly ceramic)  
93-40-021 (leg assembly shielding gas)

- <sup>8)</sup> 93-20-26010 (excluding leg assembly, 10 m cable length)  
93-40-066 (leg assembly PSI-3, from l = 75 mm up to l = 280 mm)

#### Legend

Welding process: ARC = Drawn arc stud welding, SC = Short cycle stud welding

Mild steel Stainless steel Aluminium \*) \*) only with shielding gas