

CA 08

A 12

A 12

A 12-FL



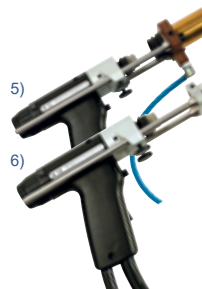
- Entry-level version used for SC welding without length compensation

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



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

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



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

M3 to M12
#4 to 1/2"



- Simple set-up of the gun without length compensation

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

Suitable stud welding unit	ARC 800, Visar 650, IT 1002	ARC 800, Visar 650, IT 1002, IT 2002, IT 90	ARC 800, Visar 650, IT 1002, IT 2002, IT 90	ARC 800, Visar 650, IT 1002, IT 2002, IT 90
Welding process	SC	SC	ARC (ceramic, gas), SC	ARC (ceramic, gas)
Stud material	  	  	  	
Welding range	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 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"
Stud length	6 to 40 mm / 0.24" to 1.57", (longer studs with optional accessories)	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)
Stud type	Any type or shape (special chucks if required)	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
Length compensation	--	3 mm / 0.12" automatic	3 mm / 0.12" automatic	--
Lift	Adjustment range 4.5 mm / 0.18", lockable	Adjustment range 3 mm / 0.12", lockable	Adjustment range 3 mm / 0.12", lockable	Fixed 6 mm / 0.24"
Spring force	Adjustable, arresting	Adjustable, arresting	Adjustable, arresting	Fixed
Welding cable	3 m / 9.84'; 25 mm ² , SK 50	4.8 m / 15.75'; 35 mm ² , SK 50	4.8 m / 15.75'; 35 mm ² , SK 50	5 or 10 m / 16.40' or 32.81'; 35 mm ² , SK 50
IP Code	IP 20	IP 20	IP 20	IP 20
Workplace noise level	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	Up to 90 dB (A) may occur during welding
Dimension LxWxH (without cable)	190 x 40 x 140 mm / 7.48" x 1.57" x 5.51"	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"
Weight (without cable)	0.7 kg / 1.54 lbs	0.8 kg / 1.76 lbs	0.8 kg / 1.76 lbs	0.8 kg / 1.76 lbs



Order No.

- ¹⁾ 92-20-281 (PPR-2/SC)
²⁾ 92-20-283 (PSS-1/SC)

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

Order No.

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

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

Order No.

- ⁵⁾ 93-20-274 (Gas)
⁶⁾ 93-20-275 (Keramik)

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

Order No.

- ⁷⁾ 93-20-260 (excluding leg assembly, 5 m cable length)
93-40-022 (leg assembly ceramic)
93-40-021 (leg assembly shielding gas)
⁸⁾ 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