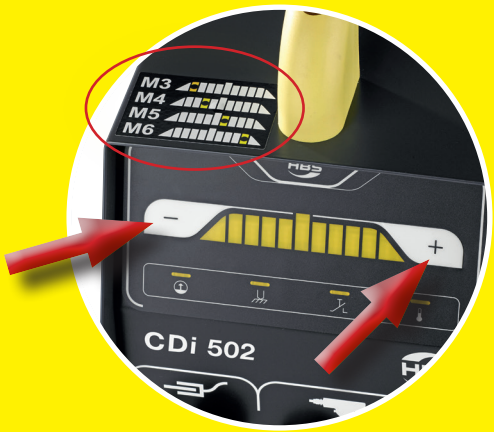
GLOBAL ALERT

SIMPLY THE BEST

Couldn´t be easier!

In just 2 steps

The perfect weld



1.

Select diameter

2.

Push trigger

++ **No adjustments** to **gun** needed (spring force)

++ **One setting** for **all materials** (mild steel, stainless steel, aluminium)

HBS Bolzenschweiss-Systeme GmbH & Co. KG
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Set includes:

- **Power source** (CDi 502)
- **Gun** (C 06-3)
- **Ground cable**
- **Accessories**

ORDER NO. SET:
CDi502C

Worldwide use thanks to multi-voltage input!

CDi 502 Stud welding unit

- M3 to M6, dia. 3 to 6 mm (#4 to 1/4‘‘)

Order no. 92-10-0502

Technology	Inverter-Capacitor Charging Technology
Welding range	Studs (steel, stainless steel) - M3 to M6, dia. 3 to 6 mm (#4 to 1/4‘‘) Studs (aluminum) - M3 to M4, dia. 3 to 4 mm (#4 to #8)
Welding material	Mild steel, stainless steel, aluminium
Welding rate	M6 = 10 studs/min (charging voltage 95 V)
Capacitance	100 000 µF
Welding time	1 to 3 ms
Energy	500 Ws
Charging voltage	50 to 100 V (stepless voltage regulation)
Primary power	100 V to 240 V, 50/60 Hz, 10 AT
Power source	Capacitor
Cooling type	F (temperature controlled cooling fan)
IP-code	IP 23
Dimension L x W x H	363 x 163 x 257 mm (14.29” x 6.42” x 10.12”) with handle
Weight	9.9 kg (21.83 lbs)

C 06-3 Stud welding gun

- No adjustments to the gun needed (spring force)

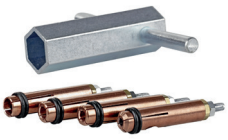
Order no. 92-20-275

Welding process	Capacitor discharge stud welding (contact)
Stud length	6 to 40 mm (0.24“ to 1.57“); longer studs can be welded with optional accessories
Stud material	Depending on the used stud welding unit
Stud type	Any type or shape (special chucks if required)
Sheet thickness workpiece	From 0.5 mm (0.02“)
Welding cable	3 m (9.84´)
IP Code	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Dimension L x W x H	170 x 40 x 140 mm (6.70“ x 1.57“ x 5.51“) without cable
Weight	0.5 kg (1.10 lbs) without cable

Ground cable

- 2.5 m, 25 mm², 1 vice grip 10“

Order no. 92-40-154



Accessories

- CD M3 to M6

Order no. 92-40-050

Order No. Set: „CDi502C“

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