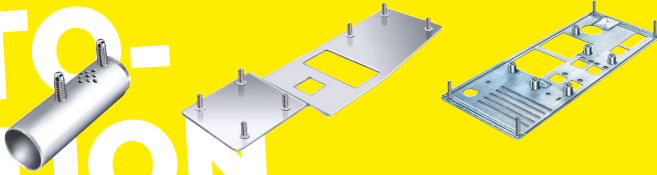




STUD WELDING

Processes & Applications

AUTO-MATION

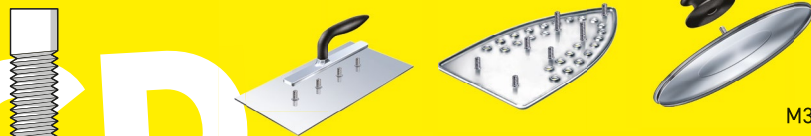


Automation:

Highest productivity,
ultimate positioning accuracy,
perfect welding results.



CD



CD – Capacitor Discharge:

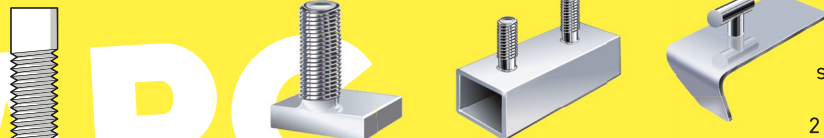
Especially suited for
thin sheet metal
min. 0.5 mm (0.02"),
automation, aluminium.

Welding range:

M3 to M8 (M10) [#4 to 5/16" (3/8")]



ARC



ARC – Drawn ARC:

Especially suited for welding
on thicker sheet metal
of 2 mm (0.08") and above.

Weld protection with
shielding gas or ceramic ferrule.

Welding range:

2 to 25 mm (14 ga to 1") diameter



SC



SC – Short-Cycle:

Especially suited for
x-mas studs (ex. cable fixation),
thin sheet metal,
automotive industry
and automation.



MARC



MARC – Magnetic rotating ARC:

The most innovative process for
welding pad type elements.

Welding range:

Pads up to 30 mm (1.81")
external diameter.



ISO



ISO – Insulation Market:

Economic fastening method of
insulation mats HVAC
(heating, ventilation,
air-conditioning) and FRI
(fire-resistant insulation)





STUD WELDING

Industry & Branches

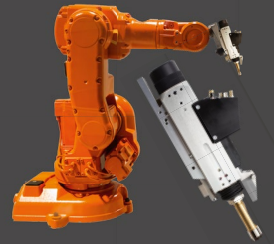


Vehicle construction:

- Transport of passengers and goods
- Construction and commercial vehicles
- Special vehicles (e.g. for military)
- Agriculture
- Rail transport



KAH 412/612



Commerce + Private household:

- Kitchens
- Household appliances (irons, pots, washing machines, etc.)
- Automatic machines (money, drinks, tickets, cigarettes, etc.)
- Audio equipment
- Control consoles
- Switch cabinets
- Filling and packaging systems



CA 08
PAH 1



Construction industry:

- Facades
- Elevators
- Escalators and stairs
- Rails
- Halls



A 12



Industrial systems:

- Power generation
- Steel production / steel construction
- Petrochemistry
- Bridge building



A 16
A 22



Insulation:

- Heat and cold insulation
- Soundproofing
- Fire protection insulation
- Shipbuilding
- Refractories & Incinerators



CI 03
C 08

