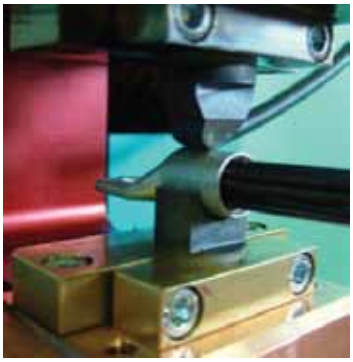
CASTECH

Macchine per la connessione - Isolanti elettrici

TECHNOLOGY

Thermocrimping

Tubeconnecting



Connecting Tecnology

Castech bases its technology on two processes: Thermocrimping and Tubeconnecting.

- **Thermocrimping Process:** this process uses as a connection support a crimp made of tinned copper automatically formed with a special tool. The crimp is brought and hold between two electrodes that, after placing wires and cable, start to compress and remove the enamel to give the connection the best performance as electric resistance and mechanical features. This process is recommended to connect total sections up to 12mm2, where high productivity is necessary and where the range of connections is not so wide.

Samples for laboratory tests

- **Tubeconnecting Process:** this uses as a connection support a sleeve, tube or a cable shoe. Once wires and cable are settled into the support, this has to be placed between two electrodes and after that the process starts to remove the enamel to give the connection the best performance as electric resistance and mechanical features. This process is recommended to connect total sections up to 350 mm2 and where the range of connections can be very changeable and wide in order to number and diameter of wires.

APPLICATION FIELD

Application fields

- Single Phase Motor
- Three Phases Motor
- Brushless Motor
- Step Motor
- Servo Motor
- Low Voltage Motor
- High Frequency Motor
- DC Motors
- Pumps and Submerge Pumps
- Linear Motors
- Automotive Motors (full electric and hybrid)
- Traction Motors
- Naval Generator
- Wind Power Generator
- Electric Generator
- Transformer
- High frequency Transformer
- Solar pannel
- Power inverters
- High frequency application
- Bobins
- Others

And everywhere there are connection from 0,02mm2 to 350mm2

Connection samples

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