

JBC

TECHNOLOGY IN
PROFESSIONAL TOOLS
FOR ELECTRONICS



HD

HEAVY DUTY STATION

You will get the highest heat power for
the thickest and most difficult circuits

Heavy Duty Station

The HD-2B / HD-1B is the ideal solution for high thermal demand and prolonged heavy duty soldering applications.

THE PERFECT SOLUTION

This station was specifically designed for extensive soldering of multi-layered circuits and parts which require high temperatures.

The temperature of the tip is controlled by a sensor integrated in the heater, which permits quick temperature recovery.

The HD-2B / HD-1B heavy duty station offers high reliability for extensive applications as for example the production of solar panels.

The HD-2B / HD-1B heavy duty station features sleep and hibernation modes, as well as all other features of JBC stations.

PROCESS CONTROL

Set temperature limits, check usage counters, lock the station with a PIN, or program sleep and hibernation modes. Depending on your requirements you can save up to 3 different temperature settings; changing from one saved temperature setting to the next will always increase or decrease the temperature level to the next of all saved temperatures.

The stations are operational regardless if saved temperature settings are activated or not.



HD-2B / HD-1B
Control unit



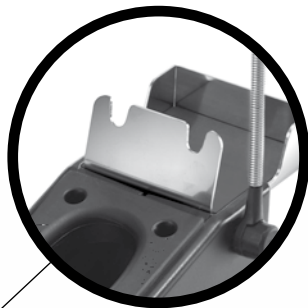
T470-A
Handpiece

INTELLIGENT HEAT MANAGEMENT

The only time a soldering iron must reach its required temperature level is during a soldering operation. JBC's intelligent heat management detects how the tools are used; accordingly the integrated support function activates the sleep or hibernation mode. The intelligent heat management helps to extend tip life by lowering temperature; it also helps to save energy by reducing power usage to 10W in sleep mode and 4W in hibernation mode.

Help us to protect the environment and to save energy!

HD-SB stand



TIP CLEANING STAND

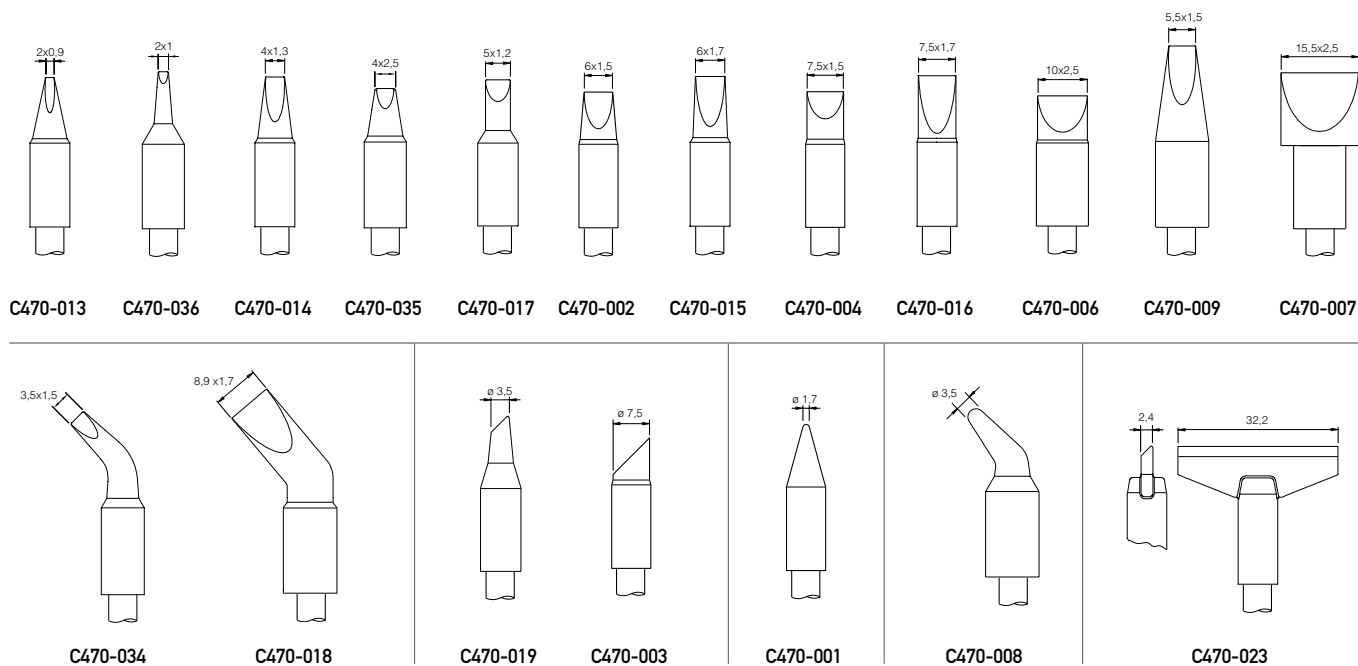
JBC introduces different methods for cleaning tips, designed for removal of oxidation, of residues of flux etc.

With the implementation of lead-free soldering it has become necessary to use methods to clean tips other than with a simple wet sponge. The wet sponge can be replaced by dry cleaning methods like metal wool or metal brushes.

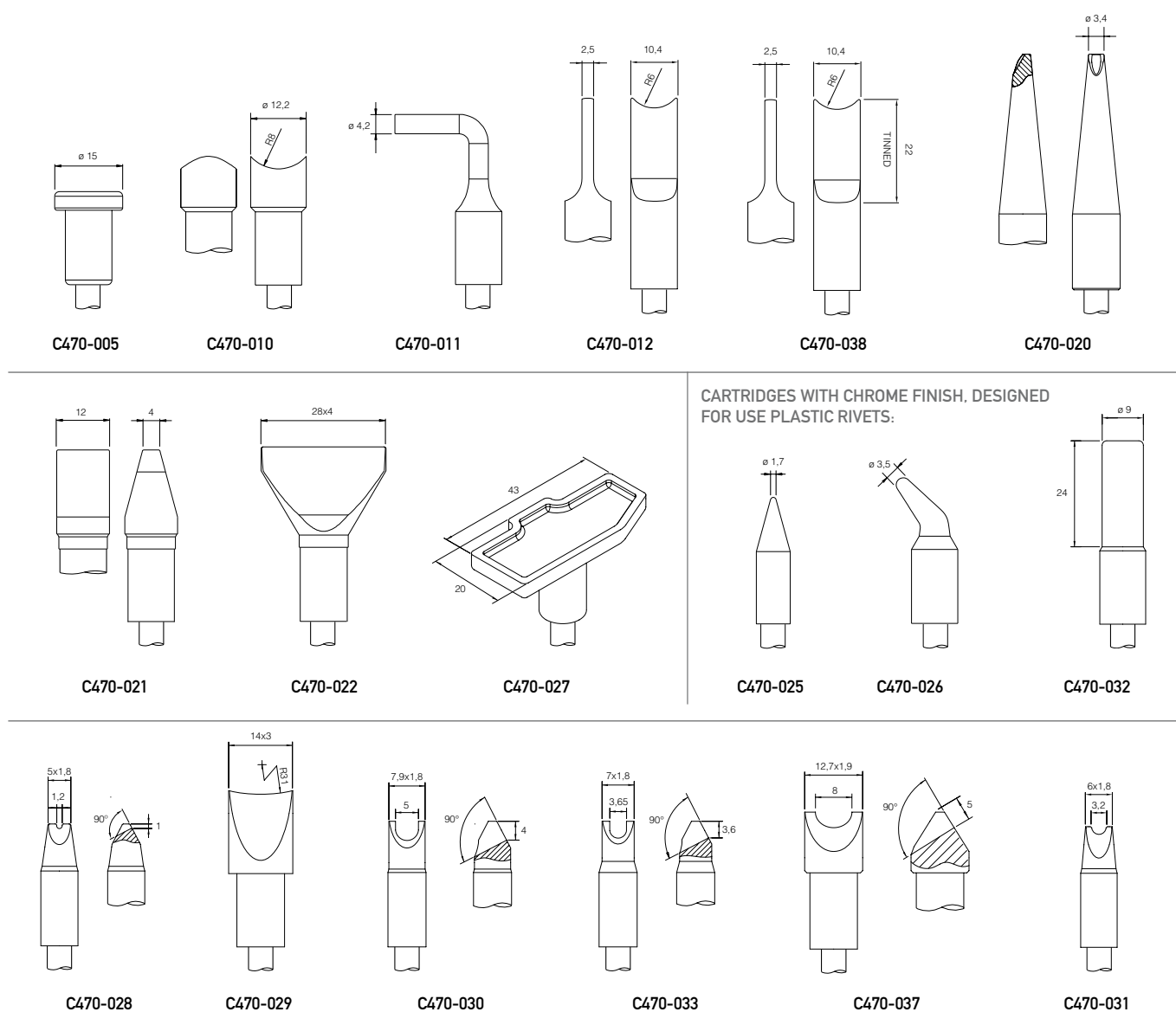
Of all cleaning methods the sponge is the softest, whereas the



C470 Cartridges for iron T470-A with HD station



C470 Special cartridges for iron T470-A with HD station



Galvanic treatment of these tips are reinforced with regards to the standard ones, providing a highest duration lasting, specially in lead free processes above all.