

# How to extend the life time of your Weller® soldering tips.



- Select the lowest possible working temperature.
- Choose the biggest possible tip size for your application.  
Rule of thumb: tip size approx. the same size of the solder pad.
- Soldering in an inert gas environment increases the flow behaviour and reduces the need of flux; don't use more flux than needed.
- Use with soldering tools that provide high power output and the best thermal transfer.
- Use an intelligent soldering station with optimised temperature control and setback function to reduce the tip temperature when the iron is not in use.
- Preheat the PC boards with Weller® heating plates before working. This reduces the soldering time.
- Always use special developed Weller® WSW solder wire. Tip lifetime will increase.

## Treatment of the Soldering Tip

- Clean the tip with a Weller® WDC Dry Cleaner (Order No.: T005 15 124 99).
- Switch off your station during longer working breaks or use the Weller® setback function.
- Add sufficient tin to the tip before placing the iron into the stand.
- Reactivate unwettable tips with the Weller® Tip-Care-Set (Order No.: T005 13 031 99).
- Use special tips for applications with drag drop (GW-Gull Wing or KN-Knife tips).
- Change tips with the appropriate changing tool.
- Apply as little force as possible onto the tip.
- Always pay careful attention to the tip.
- Remove black layers from oxidized tips by the careful use of steel or brass wool.