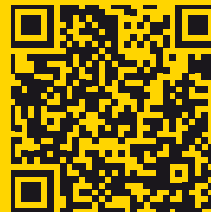


# Soldering and desoldering tips

The soldering tip is the “heart” of the soldering iron. Its job is to transfer the heat from the heating element via the solder to the solder joint. Depending on the soldering iron and the application, different types of tips are available. Prerequisites for good solder joints are a correct tip shape, perfect heat transfer, an excellent condition of the tip and a reliable stability. In addition, the soldering tip also has to convey the necessary amount of sensitivity back to the operator.

ERSADUR long-life tips are designed for continuous operation and for high-quality results. They are galvanically plated with an iron coating and protected against corrosion and oxidation by an additional chrome layer. This manufacturing process was developed and is used exclusively by Ersal. The ERSADUR tips' perfect thermal conductivity protects the heating element from overheating and premature wear. Ersal offers a comprehensive range of soldering tips for the diverse requirements.



Youtube:  
Ersal explains #1 -  
Soldering tip care



# ERSADUR long-life soldering tip series 212



- ANALOG 20 A
- DIGITAL 2000 A with MICRO TOOL soldering iron
- MICRO-CON 60 iA with MICRO TOOL soldering iron
- REWORK 80
- SMD 8000
- SMT UNIT 60 A/AS
- TWIN 40 A/AS
- TWIN 80 A with MICRO TOOL soldering iron

|   |   |   |   |
|---|---|---|---|
| <p><b>0212SDLF</b></p> <p>pencil point, 0.2 mm <math>\varnothing</math></p> | <p><b>0212BDLF</b></p> <p>pencil point, 0.4 mm <math>\varnothing</math></p>     | <p><b>0212ADLF</b></p> <p>pencil point, 1.0 mm <math>\varnothing</math>, reinforced</p> | <p><b>0212CDLF</b></p> <p>chisel-shaped, 1.0 mm</p>           |
| <p><b>0212EDLF</b></p> <p>chisel-shaped, 1.8 mm</p>                         | <p><b>0212KDLF</b></p> <p>chisel-shaped, 1.8 mm, extended</p>                   | <p><b>0212FDLF</b></p> <p>chisel-shaped, 2.2 mm, reinforced</p>                         | <p><b>0212GD</b></p> <p>chisel-shaped, 3.2 mm, reinforced</p> |
| <p><b>0212VD</b></p> <p>chisel-shaped, 5.0 mm, reinforced</p>               | <p><b>0212RD</b></p> <p>pencil point, 0.2 mm <math>\varnothing</math>, bent</p> | <p><b>0212ID</b></p> <p>bent, 0.6 mm <math>\varnothing</math>, reinforced</p>           | <p><b>0212ND</b></p> <p>angled face, 2.0 mm, reinforced</p>   |
| <p><b>0212WD</b></p> <p>MiniMicroWell, 1.6 mm <math>\varnothing</math></p>  | <p><b>0212MS</b></p> <p>MicroWell, 2.1 mm <math>\varnothing</math></p>          | <p><b>0212OD</b></p> <p>SolderWell, 3.0 mm <math>\varnothing</math></p>                 |   |

# Pairs of desoldering tips, series 462



- i-CON1 V/2 V
  - i-CON VARIO 2
  - i-CON VARIO 4
- each with CHIP TOOL VARIO

|  |  |   |  |
|--|--|---|--|
| <p><b>0462PDLF005</b></p> <p>pencil point, 0.5 mm <math>\varnothing</math></p> | <p><b>0462CDLF010</b></p> <p>chisel-shaped, 1 mm</p>         | <p><b>0462CDLF018</b></p> <p>chisel-shaped, 1.8 mm</p>  | <p><b>0462SDLF002</b></p> <p>pencil point, 0.2 mm <math>\varnothing</math>, bent</p> |
| <p><b>0462MDLF007</b></p> <p>chisel-shaped, 0.7 mm, bent</p>                   | <p><b>0462MDLF015</b></p> <p>chisel-shaped, 1.5 mm, bent</p> | <p><b>0462FDLF060</b></p> <p>desoldering tips, 6 mm</p> |  |