EasyBraid Co.

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Power Plus tip vs. Metcal Power Tips

EasyBraid Co.

EasyBraid has:

- Replacement tips for Competitor Power Tips
- Unique Power Plus Tips

Competitor Power Tips

1. Tip part number has suffix “P” indicating power tip, for example STTC-136P
2. The power tip is the shorter version of normal tip in order to increase heat transfer

STTC-136 chisel 2.5mm (M7CH175)

STTC-136P chisel 2.5mm (M7CP200)

- Advantage: shorter tip = better heat transfer
- Disadvantage: same heater diameter functioning like bottleneck for heat transfer
- Disadvantage: Some applications benefit from having more stored energy in the copper mass, a shorter tip has less stored energy

EasyBraid Power Plus tips

1. We offer direct replacements for Competitor Power tip geometries
2. We also offer unique Power Plus tips which have larger heaters and larger copper tips.
3. Power Plus tips release the heat transfer bottleneck

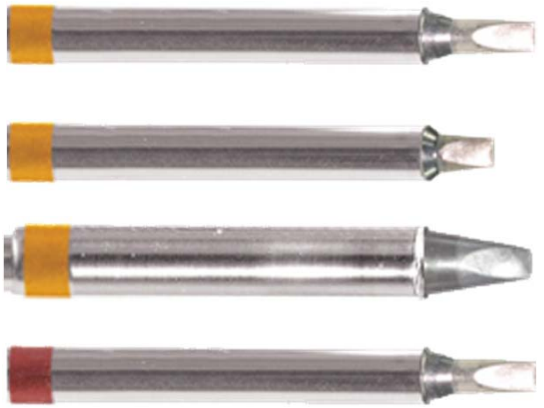
M7CH175H 2.5mm chisel

STTC-136P 2.5mm chisel (M7CP200)

- Advantage: Larger heater, better heat transfer
- Advantage: More stored energy, ideal for multi-layer boards and jobs with heat sinks
- Advantage: Longer tip life

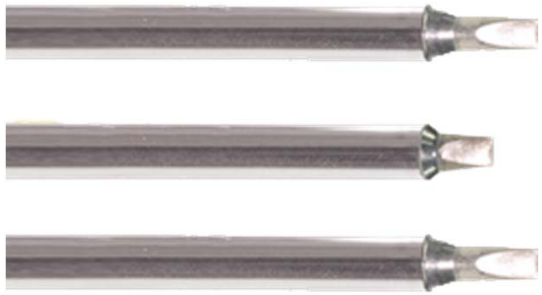
EasyBraid Power Plus tips

1. Use standard 700 series tip, if not powerful enough
2. Use power tip, if need more power
3. Use Power Plus tips, if you still need more power
4. Use 800 series tip



Competitor Power tips

1. Use standard 700 series tip, if not powerful enough
2. Use power tip, if need more power
3. Use 800 series tip



Conclusion

- EasyBraid Power Plus tips provide customers more flexibility in soldering by allowing the use of lower tip temperatures.

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Quality – Increase Productivity – Cost Reduction

End Presentation