

FINE WIRE WEDGE TOOLS

MPP is the leading designer and manufacturer of fine wire wedge tools worldwide. MPP manufactures a complete line of standard and custom wedge tools to fit all applications and all types of wedge bonding machines.

MPP OFFERS OUR CUSTOMERS



Best quality products with precise fine dimensions and excellent repeatability



Flexible Capacity to support customer demand



A comprehensive solution to bring the best cost of ownership



Short Lead Time to satisfy the fast moving microelectronics industry's challenges



MPP's Available Models of Fine Wire Wedge Tools



4WA Model – For Standard Automatic Bonding Applications

- For the majority of common applications
- A variety of standard finished tips is available

4WU Model – For Ultrafine Pitch Applications

- MPP patented solution, uniquely designed for narrow pitch bonding (lower than 1.7mil)
- Used with relatively thicker wire for higher current
- Superior performance on small area packages and CSP

4WF Model – For Fine Pitch Applications

- With VSR (Vertical Side Relief)
- Usually used on automatic bonders
- Avoids wedge interference with adjacent wires
- Designed with oval hole that allows for smaller pitch bonding

4WD Model – For Automatic Bonding Deep Access Applications

- For packages with high or closely positioned walls
- Wire is fed vertically – bonder machine should include deep access kit
- Suitable for table-tear method due to high-feed angle

4WR Model – For Ribbon Applications

- Rectangular Hole – allows ribbon to flow easily
- Fits ribbon sizes (Width x Thickness) from 1x0.25mil to 20x4mil

4WC Model – For COB (Chip on Board) Applications

- Used on manual and automatic bonders
- A variety of standard finished tips is available

4WV Model – Notched for Manual Deep Access Applications

- A special combination of a vertical and an inclined feed hole fermented by a notch
- The wire is fed vertically (the bonder machine should include a deep access kit)
- Suitable for table-tear method due to high-feed angle

4WN Model– For Notched Tip Applications

- For Microwave and Hybrid applications
- The unique configuration results in minimal stress on the wire
- Used on manual bonders
- A variety of standard finished tips is available

MPP's technical experts are ready to support you with customized solutions for all application challenges

For more information please visit our website, www.mpptools.com

or contact us directly at sales@mpptools.com

Wedge Geometry Description

