

**For use with:**  
**DS 80, DSV, DSV 80**



Weller nozzles are constructed to remove all kinds of solder at the solder joint. They are heated and melt the solder. After activating the vacuum the solder is extracted via the integrated tube into the collector. After changing the nozzle (at least once a week) the thread should be treated with antiblock paste to avoid seizure of the nozzle.

| Model                           |                                                                                     | Control-No. | Outside-ø<br>mm | Inside-ø<br>mm | Length<br>mm | Order-No.   |
|---------------------------------|-------------------------------------------------------------------------------------|-------------|-----------------|----------------|--------------|-------------|
| DS 110                          |  | 0           | 1,9             | 0,7            | 18           | 5 13 510 99 |
| DS 111                          |  | 1           | 2,5             | 0,7            | 18           | 5 13 511 99 |
| DS 112                          |  | 2           | 2,3             | 1,0            | 18           | 5 13 512 99 |
| DS 113                          |  | 3           | 2,5             | 1,2            | 18           | 5 13 513 99 |
| DS 114                          |  | 4           | 3,3             | 1,8            | 18           | 5 13 514 99 |
| DS 115                          |  | 5           | 1,9             | 0,7            | 24,5         | 5 13 515 99 |
| DS 116                          |  | 6           | 2,7             | 1,2            | 24,5         | 5 13 516 99 |
| DS 117                          |  | 7           | 2,9             | 1,5            | 18           | 5 13 550 99 |
| DS 118                          |  | 8           | 1,5             | 0,7            | 18           | 5 13 551 99 |
| DS 110 HM                       |  | 0           | 1,9             | 0,7            | 18           | 5 13 532 99 |
| DS 112 HM                       |  | 2           | 2,3             | 1,0            | 18           | 5 13 533 99 |
| DS 113 HM                       |  | 3           | 2,5             | 1,2            | 18           | 5 13 530 99 |
| Needle-tiplet DS 119*           |  | 1           | 1,9             | 0,7            | 26           | 5 13 527 99 |
| DS 120 for cleaning of SMD-pads |  |             | 2,5             | 1,1            | 15,5         | 5 13 552 99 |
| Calibration tip                 |  |             | 3,3             | 0,55           | 18           | 5 24 749 99 |

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\* for removing of solder

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