

Excellent

The soldering tip from Weller
innovative and reduces costs



Weller®



Tool protection. Perfect interaction between the heating element and the soldering tip.

Weller soldering tips are designed at the Weller' German Research and Development Centre to meet the very latest requirements of the market. Weller's soldering tip and heater form a unit and therefore a perfect heating system to produce high quality solder joints. Combined with the right soldering iron to form the perfect tool!



Only genuine goods guarantee this

Why genuine Weller?

- Achieve perfect solder joint**
Only genuine Weller parts guarantee the Weller heating system designed to achieve excellent heat transfer and good use of sensors so as to ensure perfect solder results.
- High cost efficiency**
Heat guarantee
A stable heat guarantee for reliable solder processes increases productivity by up to 50%.
Perfectly soldered components
Less rework caused by defective solder points or damaged tools.
- Quality**
Best materials
Silver is used as a perfect heat conductor in the heater. This guarantees excellent heat transfer.
Manufacturer warranty
The manufacturer only offers a warranty if genuine Weller parts are used.

Genuine Weller automatically guarantees the latest and best technology on the solder market. Weller engineers work constantly to develop the perfect solder tip, carry out extensive service life tests on it and review the results. This work means massive savings in time and costs for users.

How can you identify genuine Weller tips?

Seal of quality
The soldering tip and tool packages bear the Genuine Weller seal of quality.

Engraving*
Genuine Weller tips are engraved with the Weller logo. Engraved soldering tips guarantee this level of quality.

* Effective as from August 2013



The perfect technology for every application – and thus maximum flexibility

None of our competitors offer this much choice.

Only Weller supplies three different technologies to ensure customers always have precisely the best tool for their application. This technology enables them finally to tackle those solder jobs which in the past have not been so easy to complete. And the result – you save lots of money!

Why three different technologies and what benefits do they offer?

Active-Tip technology

- For excellent performance.
- This technology produces perfect results.
- Not possible with standard tools.
- Fast heat up and recovery time.



Fast-Response technology

- For maximum performance.
- This technology produces effective results. Lower cost alternative to Active Tip technology. Wide range of solder tips.
- For universal applications with very high quality requirements.



Silver-Line technology

- For good performance.
- A wide range of low cost tips is available to produce very good results.
- For universal applications.



Distance from sensor to solder point

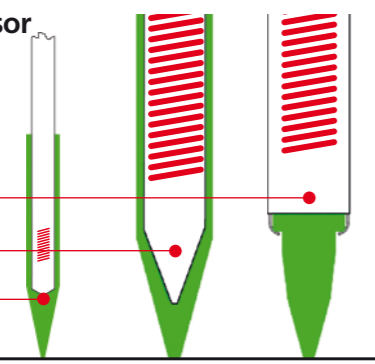
● Sensor position

● Silver-Line

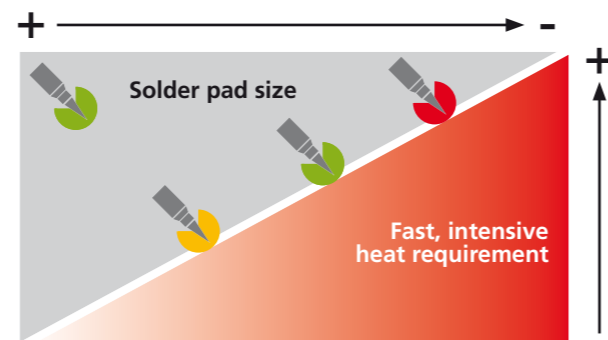
● Fast-Response

● Active-Tip

Solder point



Maximum flexibility



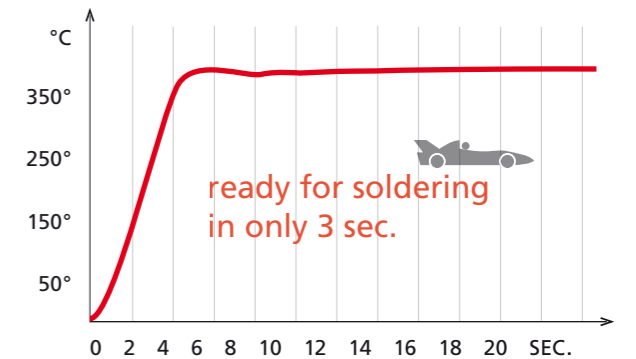
Active-Tip technology

Perfect for miniature soldering work

Excellent technology with the heating element and sensors permanently integrated in the cartridge soldering tip. If the soldering temperature is reduced, this means that a fast reaction is possible. These tools ensure that the power is produced at the solder point.



- Excellent heat transfer and sensors
- Soldering tips can be changed quickly and easily
- Excellent reaction time
- Extremely short heating time

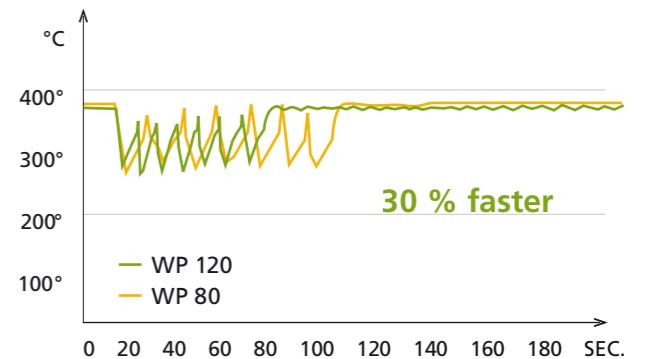


Fast-Response technology

These tools are a genuine alternative to Active Tip technology with maximum performance and a low cost range of solder tips. The solder tip geometry with shaft tailored to the sensor position. Sensor position moved forward.



- Interchangeable soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast reaction time



Silver-Line technology

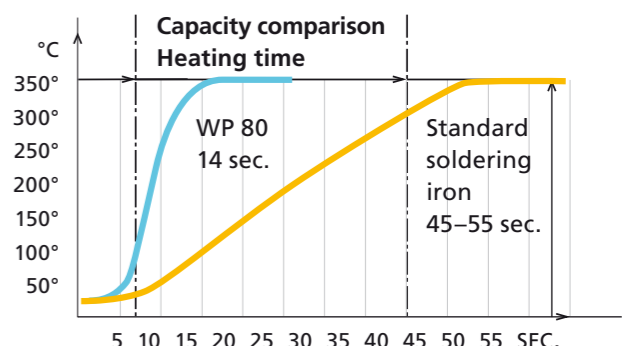
The heating element has a flat surface which rests on the precisely flat surface of the soldering tip.

This makes a very effective heat transfer possible to the genuine Weller tip – the one with the seal of quality.

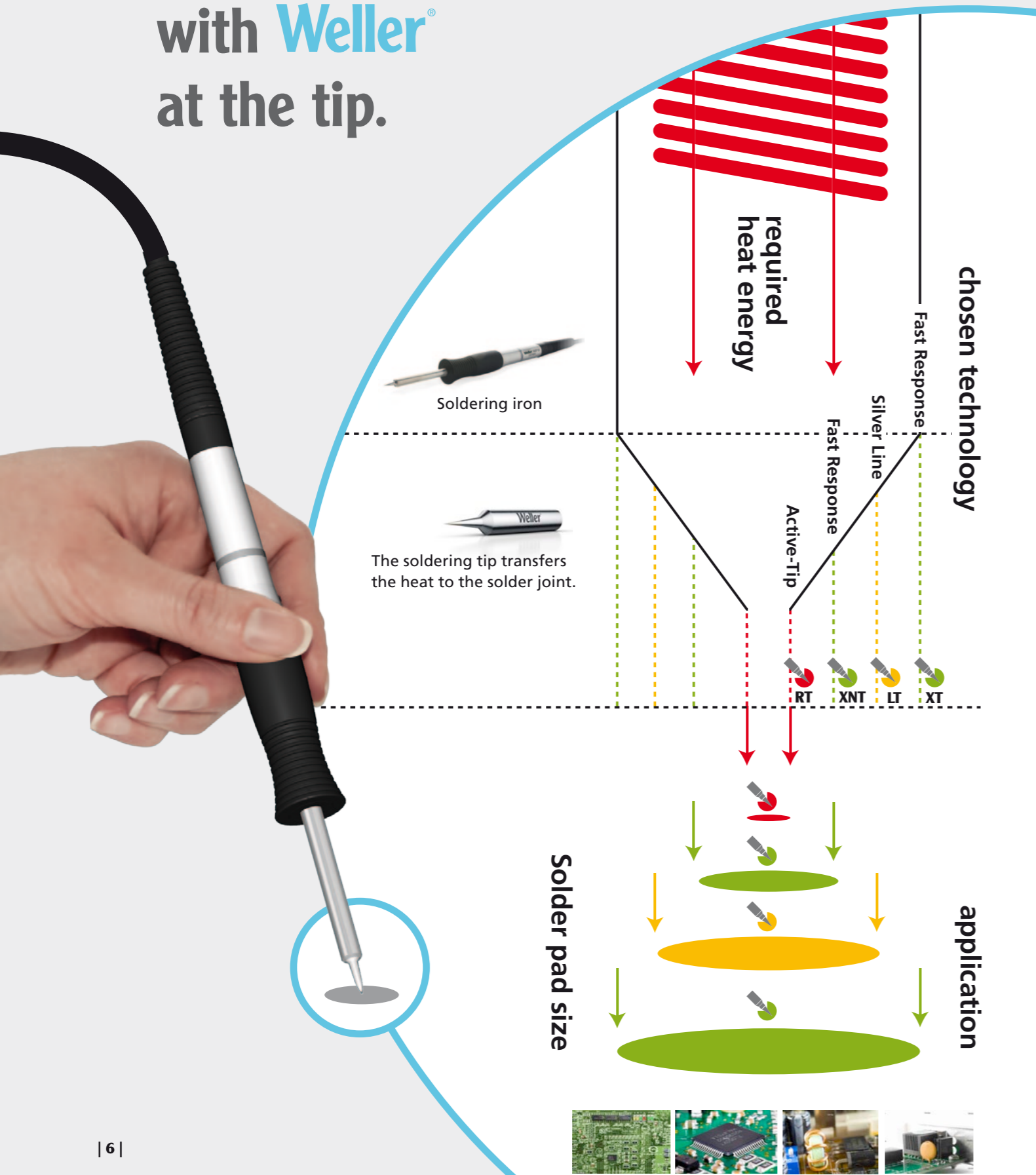


Here too it is essential to use only genuine Weller parts.

- For universal applications
- Effective heat transfer
- Extensive range of soldering tips
- High quality heater core
- Soldering tip with low material use and therefore lower cost



Concentrated power with **Weller**® at the tip.



Different soldering jobs require improved tools.

| | | | |
|---|--|--|--|
| + | RT / RTW Active-Tip technology | WXMP WMP WXMT WMRT | |
| + | XNT Fast Response technology | WXP 65 WP 65 | |
| + | LT Silver-Line technology | WSP 80 WP 80 | |
| + | XT / XHT Fast Response technology | WXP 120 WP 120 WXP 200 WP 200 | |

Save costs with WSW soldering wire from Weller.

The permanent development of Weller soldering wire means that it is now possible to drastically improve the quality of soldering joints. Weller is launching across the world its exclusive, optimized and patented WSW soldering wire in cooperation with the soldering wire manufacturer **almit**

Example calculation: Costs for soldering tips compared with competition

Assumption price for soldering tip: Active tips approx. 20 €, changeable tips approx. 5 €

| | Weller WSW | Competition SAC 305 |
|--|------------|---------------------|
| Number of solder cycles per soldering tip | 50,000 | 15,000 |
| Cost per solder joint: Active Tip (cartridge tip) | 0.0004 € | 0.0013 € |
| Cost per solder joint: Interchangeable tips from Weller Weller supplies heating technology with interchangeable tips. | 0.0001 € | 0.00033 € |

Potential saving per workstation

Assumption: 50,000 solder joints per week, 1 kg soldering wire, 44 working weeks per year

Potential savings for soldering wire

| Active Tip | Weller | Competition |
|-----------------------|------------|---------------------|
| Soldering wire | Weller WSW | Competition SAC 305 |
| Cost per solder joint | 0.0004 € | 0.0013 € |
| = Cost per year | 880 € | 2,860 € |
| + Cost soldering wire | 3,586 € | 2,640 € |
| = | 4,466 € | 5,500 € |

Potential saving for Weller solder tips + soldering wire

| | Weller | Competition |
|-----------------------|----------------------|-------------|
| | Interchangeable tips | Active Tip |
| Cost per solder point | 0.0001 € | 0.0013 € |
| = Cost per year | 220 € | 2,860 € |
| + Cost Soldering wire | 3,586 € | 2,640 € |
| = | 3,806 € | 5,500 € |

Saving per year 1,034 € ✓

Saving per year 1,694 € ✓



Performance

- WSW soldering wire provides excellent flux properties
- No more solder splatter due to a very even flux distribution
- Reduced Fe leaching
- Fast and homogeneous wetting



Great cost efficiency

Reduction in soldering tip use by around 50 – 70%, in some cases as much as 80%.



Increased service life

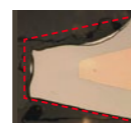
Increase in soldering tip service life due to its microalloy finish.



New tip



Weller WSW after 10,000 solder cycles



Competition after 10,000 solder cycles



Maximum flexibility

To guarantee maximum flexibility with soldering wire too, Weller can supply a range of alloys and fluxes as well as various wire diameters. See page 22



Perfect power package



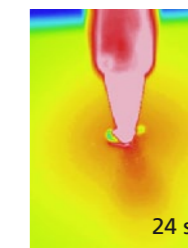
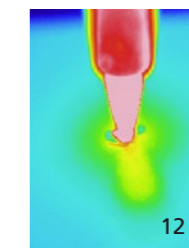
The Weller power package comprising WSW soldering wire and newly developed Weller High Speed (HS) soldering tips makes it possible to complete soldering work which was previously not possible with standard tips.



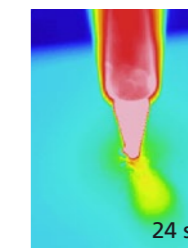
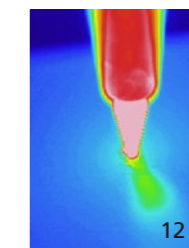
High Speed heat transfer

High Speed soldering tips provide enhanced heat transfer to the solder area.

This new soldering system ensures even and consistent wetting. The use of other soldering wires will result in higher wear and poorer performance.



Weller High Speed solder tip



Weller standard tip

Heat transfer to the solder area
35°C 200°C



Time savings

- Increase in productivity by around two times.
- Fast wetting by improved flux technology.



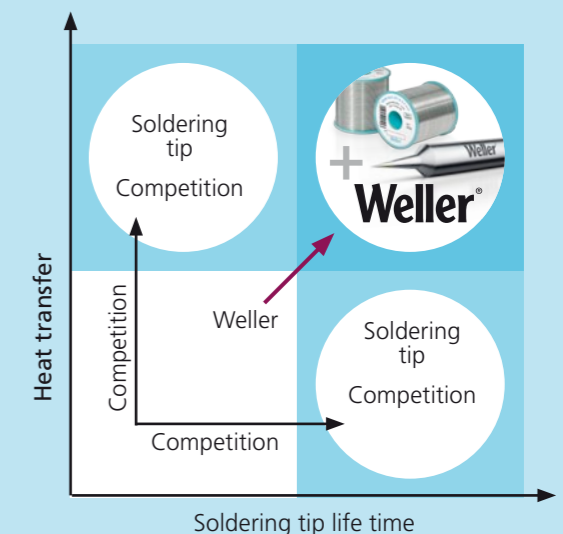
Great cost efficiency

- Reduction in rework costs.
- Massive reduction in costs per solder joints.
- Increase productivity by improved heat transfer.



Performance

New High Speed tips coupled with newly developed solder provide excellent heat transfer together with a longer tip life.



The perfect technology for every application combined with the genuine soldering tip from Weller.

RT soldering tips

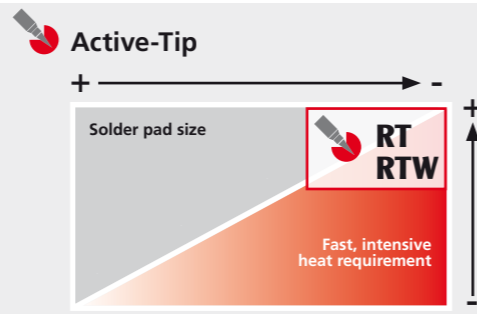
**WXMP
WMRP**

40 W, 12 V
Fine slim soldering iron.
Ideal for microscope work.

RTW soldering tips

**WXMT
WMRT**

2 x 40 W, 12 V
Slim tweezers. Ideal for soldering and desoldering of very small SMD components.

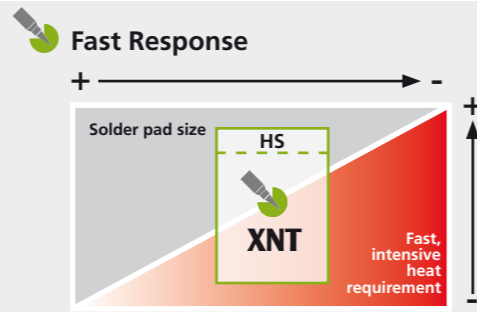


XNT soldering tips

**WXP 65
WP 65**

65 W, 24 V

Small fast soldering iron.
Suitable for fine solder jobs with high heat demand.

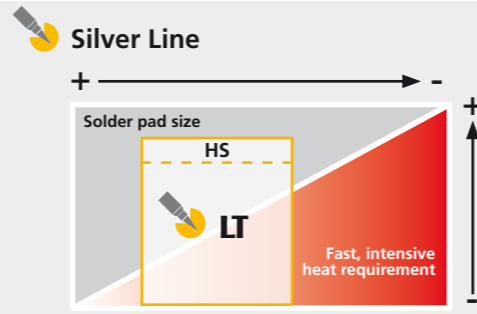


LT soldering tips

**WSP 80
WP 80**

80 W, 24 V

For all purpose industrial applications.
A wide range of soldering tips is available.



XT soldering tips

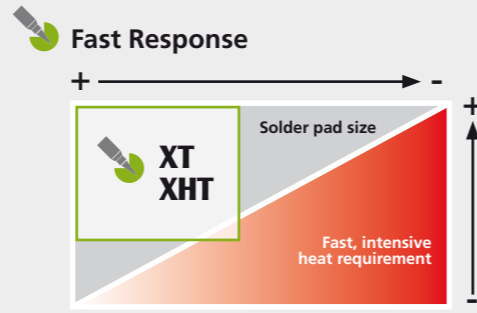
**WXP 120
WP 120**

120 W, 24 V
All-rounder with 120 watts.
For soldering applications from small to large components with higher heat demand.

XHT soldering tips

**WXP 200
WP 200**

200 W, 24 V
High Power soldering iron.
Ideal for applications with high mass applications e.g. LED backpanels or RF shieldings.



WMRP/ WXMP

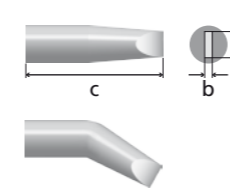
Fine slim soldering iron. Ideal for microscope work.
High performance by integrated active soldering tip.

40 W, 12 V



- Excellent heat transfer and sensors
- Soldering tips can be changed quickly and easily
- Excellent reaction time
- Extremely short heating time

Chisel



| RT | Ø a mm | b mm | Order-no. |
|-----------|--------|------|----------------|
| RT 15C | 0,4 | 0,15 | T005 44 612 99 |
| RT 15CNW* | 0,3 | 0,1 | T005 44 626 99 |
| RT 3 | 1,3 | 0,4 | T005 44 603 99 |
| RT 4 | 1,5 | 0,4 | T005 44 604 99 |
| RT 8 | 2,2 | 0,4 | T005 44 608 99 |
| RT 9 | 0,8 | 0,4 | T005 44 609 99 |
| RT 11 | 3,6 | 0,9 | T005 44 611 99 |
| RT 5 30° | 0,8 | 0,4 | T005 44 605 99 |

| Type | Ø a mm | b mm | Order-no. |
|-------------|--------|------|----------------|
| RT 15CMS | 0,4 | 0,15 | T005 44 615 99 |
| RT 15CNWMS* | 0,3 | 0,1 | T005 44 626 71 |
| RT 3MS | 1,3 | 0,4 | T005 44 616 99 |
| RT 4MS | 1,5 | 0,4 | T005 44 618 99 |
| RT 8MS | 2,2 | 0,4 | T005 44 622 99 |
| RT 9MS | 0,8 | 0,4 | T005 44 623 99 |
| RT 11MS | 3,6 | 0,9 | T005 44 631 99 |
| RT 5MS 30° | 0,8 | 0,4 | T005 44 619 99 |
| RT 3XMS 30° | 1,3 | 0,5 | T005 44 603 73 |

Sloped



| Type | a mm | Order-no. |
|----------|------|----------------|
| RT 6 45° | 1,2 | T005 44 606 99 |

| Type | a mm | Order-no. |
|------------|------|----------------|
| RT 6MS 45° | 1,2 | T005 44 620 99 |

* none wettable

MS tips: separate grounded

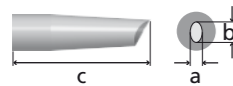
Conical



| Type | Ø a mm | Order-no. |
|---------|--------|----------------|
| RT 1 | 0,2 | T005 44 601 99 |
| RT 1NW* | 0,1 | T005 44 625 99 |
| RT 2 | 0,8 | T005 44 602 99 |

| Type | Ø a mm | Order-no. |
|-------------|--------|----------------|
| RT 1MS | 0,2 | T005 44 614 99 |
| RT 1NWMS* | 0,1 | T005 44 625 71 |
| RT 2MS | 0,8 | T005 44 617 99 |
| RT 12MS 25° | 0,5 | T005 44 632 99 |
| RT 13MS 30° | 0,4 | T005 44 633 99 |

Gull Wing



| Type | Ø a mm | b mm | Order-no. |
|---------|--------|------|----------------|
| RT 10GW | 1,2 | 2,0 | T005 44 610 99 |

| Type | Ø a mm | b mm | Order-no. |
|-----------|--------|------|----------------|
| RT 10GWMS | 1,2 | 2,0 | T005 44 624 99 |

Knife



| Type | Ø a mm | Order-no. |
|----------|--------|----------------|
| RT 7 45° | 2,2 | T005 44 607 99 |

| Type | Ø a mm | Order-no. |
|------------|--------|----------------|
| RT 7MS 45° | 2,2 | T005 44 621 99 |

Measuring tip

| Type | Order-no. |
|---------------|----------------|
| Measuring tip | T005 44 613 99 |

MS tips: separate grounded

* none wettable



WXMT / WMRT

Slim tweezers. Ideal for soldering and desoldering of very small SMD components.

2 x 40 W, 12 V

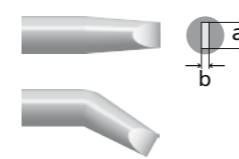


RTW = tweezers



- Excellent heat transfer and sensors
- Solder tips can be changed quickly and easily
- Excellent reaction time
- Extremely short heating time

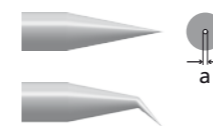
Chisel



| RTW | Ø a mm | b mm | Order-no. |
|-----------|--------|------|----------------|
| RTW 2 45° | 0,7 | 0,4 | T005 44 652 99 |
| RTW 3 45° | 3,0 | 1,0 | T005 44 653 99 |
| RTW 4 45° | 6,0 | 1,0 | T005 44 654 99 |
| RTW 9 | 3,0 | 1,0 | T005 44 666 99 |
| RTW 11 | 6,0 | 1,0 | T005 44 667 99 |
| RTW 10 | 10,0 | 1,0 | T005 44 668 99 |
| RTW 8 | 1,3 | 0,4 | T005 44 664 99 |

| Type | Ø a mm | b mm | Order-no. |
|-------------|--------|------|----------------|
| RTW 2MS45° | 0,7 | 0,4 | T005 44 657 99 |
| RTW 3MS 45° | 3,0 | 1,0 | T005 44 658 99 |
| RTW 4MS 45° | 6,0 | 1,0 | T005 44 659 99 |
| RTW 9MS | 3,0 | 1,0 | T005 44 669 99 |
| RTW 11MS | 6,0 | 1,0 | T005 44 670 99 |
| RTW 10MS | 10,0 | 1,0 | T005 44 671 99 |
| RTW 8MS | 1,3 | 0,4 | T005 44 665 99 |
| RTW 7NWMS* | 0,8 | 0,4 | T005 44 663 71 |

Conical



| Type | Ø a mm | Order-no. |
|--------------|--------|----------------|
| RTW 1 45° | 0,4 | T005 44 651 99 |
| RTW 6NW* 45° | 0,2 | T005 44 656 99 |

| Type | Ø a mm | Order-no. |
|----------------|--------|----------------|
| RTW 1MS 45° | 0,4 | T005 44 655 99 |
| RTW 6NWMS* 45° | 0,2 | T005 44 656 71 |

MS tips: separate grounded

* none wettable

WXP 65 / WP 65

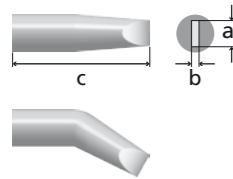
Small fast soldering iron. Suitable for fine solder jobs with high heating demand.

65 W, 24 V



- Interchangeable soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast recovery time

Chisel



| XNT | Ø a mm | b mm | c mm | Order-no. |
|---------|--------|------|------|----------------------------------|
| XNT 15C | 0,3 | 0,1 | 27,0 | T005 44 881 99 T005 44 881 10 |
| XNT 15C | 0,4 | 0,15 | 27,0 | T005 44 862 99 T005 44 862 10 |
| XNT H | 0,8 | 0,4 | 28,0 | T005 44 859 99 T005 44 859 10 |
| XNT K | 1,2 | 0,4 | 28,0 | T005 44 860 99 T005 44 860 10 |
| XNT A | 1,6 | 0,4 | 28,0 | T005 44 851 99 T005 44 851 10 |
| XNT 6 | 1,6 | 0,4 | 29,5 | T005 44 856 99 T005 44 856 10 |
| XNT B | 2,4 | 0,8 | 27,0 | T005 44 857 99 T005 44 857 10 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|------------|--------|------|------|----------------------------------|
| XNT C | 3,2 | 0,8 | 27,0 | T005 44 858 99 T005 44 858 10 |
| XNT D | 4,0 | 0,8 | 28,0 | T005 44 853 99 T005 44 853 10 |
| XNT HX 45° | 0,8 | 0,4 | 36,5 | T005 44 873 99 T005 44 873 10 |
| XNT 4X 45° | 1,2 | 0,4 | 34,6 | T005 44 874 99 T005 44 874 10 |
| XNT AX | 1,6 | 0,8 | 28,0 | T005 44 864 99 T005 44 864 10 |
| XNT BX | 2,4 | 0,8 | 36,5 | T005 44 882 99 T005 44 882 10 |
| XNT MX | 3,2 | 0,8 | 37,5 | T005 44 883 99 T005 44 883 10 |

Sloped



| Type | a mm | Order-no. |
|------------|------|----------------------------------|
| XNT 4 | 1,2 | T005 44 855 99 T005 44 855 10 |
| XNT AA 45° | 1,6 | T005 44 884 99 T005 44 884 10 |
| XNT BB 45° | 2,4 | T005 44 885 99 T005 44 885 10 |

| Type | a mm | Order-no. |
|------------|------|----------------------------------|
| XNT CC 45° | 3,2 | T005 44 886 99 T005 44 886 10 |
| XNT F 45° | 1,2 | T005 44 887 99 T005 44 887 10 |

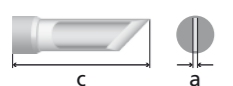
Conical



| Typ | Ø a mm | c mm | Order-no. |
|-------|--------|------|----------------------------------|
| XNT 1 | 0,5 | 27,0 | T005 44 850 99 T005 44 850 10 |

| Typ | Ø a mm | c mm | Order-no. |
|-------|--------|------|----------------------------------|
| XNT S | 0,4 | 37,5 | T005 44 868 99 T005 44 868 10 |

Knife

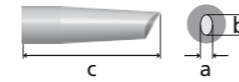


| Type | Ø a mm | c mm | Order-no. |
|--------|--------|------|----------------------------------|
| XNT KN | 2,0 | 33,0 | T005 44 863 99 T005 44 863 10 |

* none wetttable

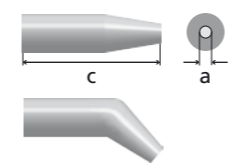
- T005XXXXX99 = 1 Piece
- T005XXXXX10 = 10 Pieces
- T005XXXXX11 = 100 Pieces

Gull Wing



| XNT | b mm | c mm | Order-no. |
|----------|------|------|----------------------------------|
| XNT GW 1 | 2,0 | 33,0 | T005 44 854 99 T005 44 854 10 |
| XNT GW | 1,5 | 27,5 | T005 44 880 99 T005 44 880 10 |

Round



| Type | Ø a mm | c mm | Order-no. |
|---------|--------|------|----------------------------------|
| XNT 15 | 0,2 | 28,5 | T005 44 852 99 T005 44 852 10 |
| XNT 1LX | 0,2 | | T005 44 872 99 T005 44 872 10 |

SMT

| Type | Ø a mm | b mm | c mm | Order-no. |
|------------|--------|------|------|----------------|
| XNT SMT 01 | 10,4 | 0,6 | 7,1 | T005 44 876 99 |
| XNT SMT 02 | 16,8 | 0,6 | 7,1 | T005 44 877 99 |

| Type | Ø a mm | c mm | Order-no. |
|--------------|--------|------|----------------------------------|
| XNT 1X | 0,4 | 28,0 | T005 44 865 99 T005 44 865 10 |
| XNT 15LX 45° | 0,4 | 39,5 | T005 44 875 99 T005 44 875 10 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|------------|--------|------|------|----------------|
| XNT SMT 03 | 20,8 | 0,6 | 7,1 | T005 44 878 99 |

Highspeed



| Type | Ø a mm | b mm | c mm | Order-no. |
|----------|--------|------|------|----------------------------------|
| XNT 1HS | 0,5 | | 27,0 | T005 44 888 99 T005 44 888 10 |
| XNT 15HS | 0,2 | | 28,5 | T005 44 889 99 T005 44 889 10 |
| XNT 4HS | 1,2 | | | T005 44 890 99 T005 44 890 99 |
| XNT 6HS | 1,6 | 0,4 | 29,5 | T005 44 891 99 T005 44 891 10 |
| XNT HHS | 0,8 | 0,4 | 28,0 | T005 44 892 99 T005 44 892 10 |
| XNT KHS | 1,2 | 0,4 | 28,0 | T005 44 893 99 T005 44 893 10 |
| XNT AXHS | 1,6 | 0,8 | 28,0 | T005 44 894 99 T005 44 894 10 |
| XNT 1XHS | 0,4 | | 28,0 | T005 44 895 99 T005 44 895 10 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|----------------|--------|------|------|------------------------------------|
| XNT SHS | 0,4 | | | T005 44 896 99 T005 44 896 10 |
| XNT ASHS | 1,6 | | | T005 44 897 99 T005 44 897 10 |
| XNT 1LHS | 0,2 | | | T005 44 898 99 T005 44 898 10 |
| XNT 1LXHS | 0,2 | | | T005 44 8 99 99 T005 44 8 99 10 |
| XNT HXHS 30° | 0,8 | 0,4 | 36,5 | T005 44 900 99 T005 44 900 10 |
| XNT 4XHS 45° | 1,2 | 0,4 | 34,6 | T005 44 901 99 T005 44 901 10 |
| XNT 15LXHS 45° | 0,4 | | 39,5 | T005 44 902 99 T005 44 902 10 |
| XNT F HS45° | 1,2 | | | T005 44 903 99 T005 44 903 10 |

Accessories

| Type | Ø a mm | c mm | Order-no. |
|---------------|--------|------|----------------|
| Measuring tip | 0,6 | 31,3 | T005 44 861 99 |
| XNT Screw M4 | | 26,0 | T005 44 879 99 |

| Type | Order-no. |
|-----------------|----------------|
| Barrel | T005 87 657 58 |
| Barrel for bent | T005 87 657 67 |

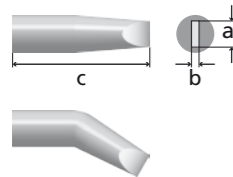
WSP 80 / WP 80

Approved heating technology with effective heat transfer.
For all purpose industrial applications. A wide range of soldering tips are available.



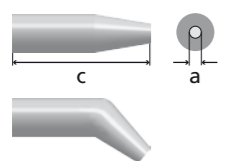
- For universal applications
- Effective heat transfer
- Extensive range of soldering tips
- High quality heater core
- Soldering tip with low material use and therefore lower cost

Chisel



| LT | Ø a mm | b mm | c mm | Order-no. |
|-----------|--------|------|------|--|
| LT 1SC | 0,4 | 0,15 | 15,0 | T005 44 494 99 T005 44 494 10 |
| LT 1SCNW* | 0,3 | 0,1 | 15,0 | T005 44 497 99 |
| LT A | 1,6 | 0,7 | 12,5 | T005 44 440 99 T005 44 440 10 T005 44 403 11 |
| LT ASL | 1,6 | 0,45 | 12,5 | T005 44 516 99 T005 44 516 11 |
| LT B | 2,4 | 0,8 | 12,5 | T005 44 405 99 T005 44 405 10 T005 44 405 11 |
| LT BSL | 2,4 | 0,45 | 12,5 | T005 44 517 99 T005 44 517 11 |
| LT H | 0,8 | 0,4 | 12,5 | T005 44 437 99 T005 44 437 10 T005 44 412 11 |
| LT HSL | 0,8 | 0,4 | 12,5 | T005 44 518 99 T005 44 518 11 |
| LT C | 3,2 | 0,8 | 12,5 | T005 44 407 99 T005 44 407 10 T005 44 407 11 |
| LT D | 4,6 | 0,8 | 12,5 | T005 44 409 99 T005 44 409 10 T005 44 409 11 |

Round

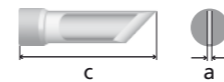


| Type | Ø a mm | c mm | Order-no. |
|----------|--------|------|--|
| LT 1S | 0,2 | 15,0 | T005 44 436 99 T005 44 402 10 |
| LT 1SNW* | 0,1 | 15,0 | T005 44 496 99 |
| LT 1SA | 0,5 | 15,0 | T005 44 488 99 |
| LT 1 | 0,25 | 13,0 | T005 44 435 99 T005 44 435 10 T005 44 401 11 |
| LT 1LNW* | 0,1 | 25,4 | T005 44 498 99 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|------------|--------|------|------|--|
| LT DLL | 4,6 | 1,2 | 12,5 | T005 44 448 99 T005 44 448 10 |
| LT K | 1,2 | 0,4 | 20,0 | T005 44 438 99 T005 44 438 10 T005 44 413 11 |
| LT L | 2,0 | 1,0 | 20,0 | T005 44 414 99 T005 44 414 10 T005 44 414 11 |
| LT M | 3,2 | 1,2 | 20,0 | T005 44 415 99 T005 44 415 10 T005 44 415 11 |
| LT HX 30° | 0,8 | 0,4 | 17,5 | T005 44 420 99 T005 44 420 11 |
| LT ALX 30° | 1,6 | 0,7 | 17,5 | T005 44 443 99 T005 44 443 10 |
| LT BX 30° | 2,4 | 0,8 | 17,5 | T005 44 442 99 T005 44 442 10 |
| LT AX 30° | 1,6 | 0,8 | 14,1 | T005 44 427 99 T005 44 427 10 |
| LT 4X 30° | 1,2 | 0,4 | 17,2 | T005 44 428 99 T005 44 428 10 |
| LT MX 30° | 3,2 | 1,2 | 20,0 | T005 44 469 99 |

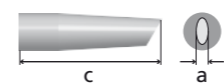
| Type | Ø a mm | c mm | Order-no. |
|-------------|--------|------|--|
| LT 1A | 0,5 | 13,0 | T005 44 489 99 T005 44 489 10 T005 44 489 11 |
| LT AS | 1,6 | 12,5 | T005 44 404 99 T005 44 404 10 T005 44 404 11 |
| LT CS | 3,2 | 12,5 | T005 44 411 99 T005 44 411 10 |
| LT 1SLX 30° | 0,4 | 22,0 | T005 44 426 99 T005 44 426 10 |
| LT 1X 30° | 0,4 | 13,0 | T005 44 425 99 T005 44 425 10 |

Knife



| Type | Ø a mm | c mm | Order-no. |
|-------------|--------|------|----------------------------------|
| LT KN | 2,0 | 16,5 | T005 44 479 99 T005 44 479 10 |
| LT KN5L 45° | 2,0 | 16,5 | T005 44 519 99 |

Sloped



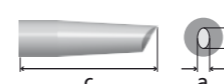
| Type | a mm | c mm | Order-no. |
|-----------|------|------|--|
| LT 4 45° | 1,2 | 15,0 | T005 44 439 99 T005 44 439 10 T005 44 421 11 |
| LT F 45° | 1,2 | 12,5 | T005 44 408 99 T005 44 408 10 T005 44 408 11 |
| LT AA 60° | 1,6 | 12,5 | T005 44 487 99 T005 44 487 10 |
| LT BB 60° | 2,4 | 17,0 | T005 44 444 99 T005 44 444 10 |
| LT BB 45° | 2,4 | 17,0 | T005 44 484 99 |
| LT CC 60° | 3,2 | 17,0 | T005 44 445 99 T005 44 445 10 |
| LT CC 45° | 3,2 | 17,0 | T005 44 485 99 |

Conical



| Type | Ø a mm | c mm | Order-no. |
|----------|--------|------|--|
| LT 1L | 0,2 | 25,4 | T005 44 423 99 T005 44 423 10 T005 44 423 11 |
| LT 1LNW* | 0,1 | 25,4 | T005 44 498 99 |
| LT S | 0,4 | 21,0 | T005 44 406 99 T005 44 406 10 T005 44 406 11 |

Gull Wing



| Type | Ø a mm | b mm | c mm | Order-no. |
|--------|--------|------|------|--|
| LT GW1 | 2,3 | 3,2 | 17,8 | T005 44 410 99 T005 44 410 10 T005 44 410 11 |
| LT GW2 | 3,5 | 4,8 | 17,8 | T005 44 511 99 T005 44 511 10 |

| Type | a mm | c mm | Order-no. |
|-------------|------|------|--|
| LT DD 45° | 4,0 | 20,0 | T005 44 478 99 T005 44 478 10 |
| LT DD 45° | 4,6 | 17,0 | T005 44 486 99 T005 44 486 10 T005 44 486 11 |
| LT 11CP 45° | 1,2 | 15,0 | T005 44 421 71 |
| LT 22CP 45° | 2,0 | 20,0 | T005 44 408 73 |
| LT 33CP 45° | 3,0 | 20,0 | T005 44 408 77 |
| LT 44CP 45° | 4,0 | 20,0 | T005 44 408 81 |

| Type | Ø a mm | c mm | Order-no. |
|------------|--------|------|--|
| LT T | 0,6 | 13,0 | T005 44 482 99 T005 44 482 10 T005 44 482 11 |
| LT O | 0,8 | 17,0 | T005 44 481 99 T005 44 515 10 |
| LT 1LX 35° | 0,2 | 25,4 | T005 44 424 99 T005 44 424 10 T005 44 424 11 |

- T005XXXXX99 = 1 Piece
- T005XXXXX10 = 10 Pieces
- T005XXXXX11 = 100 Pieces

* none wettable

High Speed

HS

| LT | Ø a mm | b mm | c mm | Order-no. |
|--------------|-----------|---------|---------|--|
| LT 1HS | 0,25 | | 13,0 | T005 44 520 99 T005 44 520 10 T005 44 520 11 |
| LT 1SHS | 0,2 | | 15,0 | T005 44 521 99 T005 44 521 10 T005 44 521 11 |
| LT ASHS | 1,6 | | 12,5 | T005 44 522 99 T005 44 522 10 T005 44 522 11 |
| LT SHS | 0,4 | | 21,0 | T005 44 523 99 T005 44 523 10 T005 44 523 11 |
| LT FHS 45° | 1,2 | | 12,5 | T005 44 524 99 T005 44 524 10 T005 44 524 11 |
| LT KHS | 1,2 | 0,4 | 20,0 | T005 44 525 99 T005 44 525 10 T005 44 525 11 |
| LT HXHS 30° | 0,8 | 0,4 | 17,5 | T005 44 526 99 T005 44 526 10 T005 44 526 11 |
| LT 4HS 45° | 1,2 | | 15,0 | T005 44 527 99 T005 44 527 10 T005 44 527 11 |
| LT 1LHS | 0,2 | | 25,4 | T005 44 528 99 T005 44 528 10 T005 44 528 11 |
| LT 1LXHS 35° | 0,2 | | 25,4 | T005 44 529 99 T005 44 529 10 T005 44 529 11 |
| LT 1XHS 30° | 0,4 | | 13,0 | T005 44 530 99 T005 44 530 10 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|---------------|-----------|---------|---------|--|
| LT 1SLXHS 30° | 0,4 | | 22,0 | T005 44 531 99 T005 44 531 10 |
| LT AXHS 30° | 1,6 | 0,8 | 14,1 | T005 44 532 99 T005 44 532 10 |
| LT 4XHS 30° | 1,2 | 0,4 | 17,2 | T005 44 533 99 T005 44 533 10 |
| LT OHS | 0,8 | | 17,0 | T005 44 534 99 T005 44 534 10 |
| LT THS | 0,6 | | 13,0 | T005 44 535 99 T005 44 535 11 |
| LT 1SAHS | 0,5 | | 15,0 | T005 44 536 99 |
| LT 1AHS | 0,5 | | 14,0 | T005 44 537 99 T005 44 537 10 T005 44 537 11 |
| LT OHS | 1,4 | | 17,0 | T005 44 538 99 |
| LT ASLHS | 1,6 | 0,45 | 12,5 | T005 44 539 99 T005 44 539 11 |
| LT HSLHS | 0,8 | 0,4 | 12,5 | T005 44 540 99 T005 44 540 11 |

| Type | a mm | c mm | Order-no. |
|---------------------------------|---------|---------|----------------|
| Measuring tip MLR 80/ WSP 80 | 0,5 | 13,0 | T005 44 416 99 |
| Screw M4 external thread | 8,0 | | T005 44 449 99 |
| ET-LT Adapter | | | T005 87 207 81 |

- T005XXXXX99 = 1 Piece
- T005XXXXX10 = 10 Pieces
- T005XXXXX11 = 100 Pieces

* none wettable

WXP 120 / WP 120

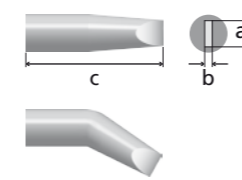
All-rounder with 120 watts. For soldering applications from small to large components with higher heat demand.

120 W, 24 V



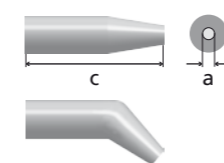
- Interchangeable soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast reaction time

Chisel



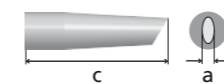
| XT | Ø a mm | b mm | c mm | Order-no. |
|---------|-----------|---------|---------|----------------------------------|
| XT H | 0,8 | 0,4 | 36,5 | T005 44 713 99 T005 44 713 10 |
| XT A | 1,6 | 0,7 | 36,5 | T005 44 703 99 T005 44 703 10 |
| XT AL | 1,6 | 1,0 | 39,5 | T005 44 701 99 T005 44 701 10 |
| XT ASL | 1,6 | 0,45 | 36,5 | T005 44 740 99 T005 44 740 10 |
| XT M | 3,2 | 1,2 | 39,5 | T005 44 702 99 T005 44 702 10 |
| XT B | 2,4 | 0,8 | 36,0 | T005 44 704 99 T005 44 704 10 |
| XT BSL | 2,4 | 0,45 | 36,0 | T005 44 741 99 T005 44 741 10 |
| XT B SL | 2,5 | 0,8 | 36,3 | T005 44 738 99 T005 44 738 10 |
| XT C | 3,2 | 0,8 | 36,0 | T005 44 705 99 T005 44 705 10 |

Round



| Type | Ø a mm | c mm | Order-no. |
|-------|-----------|---------|----------------------------------|
| XT BS | 2,4 | 36,5 | T005 44 715 99 T005 44 715 10 |
| XT CS | 3,2 | 36,5 | T005 44 716 99 T005 44 716 10 |

Sloped



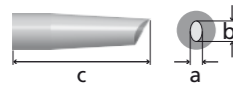
| Type | a mm | c mm | Order-no. |
|-----------|---------|---------|----------------------------------|
| XT F 30° | 1,2 | 36,5 | T005 44 718 99 T005 44 718 10 |
| XT AA 60° | 1,6 | 36,5 | T005 44 708 99 T005 44 708 10 |
| XT BB 45° | 2,4 | 36,5 | T005 44 709 99 T005 44 709 10 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|-----------|-----------|---------|---------|----------------------------------|
| XT D | 4,6 | 0,8 | 34,5 | T005 44 706 99 T005 44 706 10 |
| XT CSL | 3,2 | 0,45 | 36,0 | T005 44 742 99 T005 44 742 10 |
| XT E | 5,9 | 1,2 | 34,5 | T005 44 707 99 T005 44 707 10 |
| XT DL | 4,6 | 0,8 | 39,5 | T005 44 736 99 |
| XT MX | 3,2 | 0,8 | 53,5 | T005 44 745 99 T005 44 745 10 |
| XT HX | 0,8 | 0,4 | 51,5 | T005 44 737 99 |
| XT AX 30° | 1,6 | 0,7 | 51,5 | T005 44 743 99 T005 44 743 10 |
| XT BX 30° | 2,4 | 0,8 | 51,5 | T005 44 744 99 T005 44 744 10 |

| Type | Ø a mm | c mm | Order-no. |
|-------|-----------|---------|----------------------------------|
| XT DS | 5,0 | 34,5 | T005 44 717 99 T005 44 717 10 |

| Type | a mm | c mm | Order-no. |
|---------------|---------|---------|----------------------------------|
| XT CC 45° | 3,2 | 36,5 | T005 44 710 99 T005 44 710 10 |
| XT DDH 45 45° | 4,0 | 40,5 | T005 44 730 99 T005 44 730 10 |
| XT AA 60° | 1,6 | 36,5 | T005 44 708 99 T005 44 708 10 |

Gull Wing

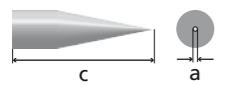


| XT | | Ø a mm | b mm | c mm | Order-no. |
|--------|--|-----------|---------|---------|----------------------------------|
| XT GW1 | | 2,3 | 3,2 | 36,5 | T005 44 712 99 T005 44 712 10 |
| XT GW2 | | 3,5 | 4,8 | 36,5 | T005 44 735 99 |

Knife

| Type | Ø a mm | c mm | Order-no. |
|-----------|-----------|---------|----------------------------------|
| XT KN 60° | 2,0 | 45,0 | T005 44 711 99 T005 44 714 10 |

Conical



| Type | Ø a mm | c mm | Order-no. |
|------|-----------|---------|----------------------------------|
| XT O | 1,0 | 36,5 | T005 44 714 99 T005 44 714 10 |

Soldering head

| Type | a mm | b mm | Order-no. |
|-----------------------------|---------|---------|----------------|
| XT Soldering head + adapter | 10,0 | 4,0 | T005 44 731 99 |
| Soldering head | 10,0 | 4,0 | T005 44 731 90 |
| XT Soldering head + adapter | 20,0 | 4,0 | T005 44 732 99 |
| Soldering head | 20,0 | 4,0 | T005 44 732 90 |
| XT Soldering head + adapter | 33,0 | 4,0 | T005 44 733 99 |
| Soldering head | 33,0 | 4,0 | T005 44 733 90 |

Accessories

| Type | a mm | c mm | Order-no. |
|---------------|---------|---------|----------------|
| Measuring tip | 0,5 | 40,0 | T005 44 722 99 |
| XT Adapter M4 | | 36,0 | T005 44 719 99 |
| XT Adater M5 | | 36,0 | T005 44 720 99 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|--------|-----------|---------|---------|----------------------------------|
| XT GW3 | 0,8 | 0,9 | 41,5 | T005 44 711 99 T005 44 711 10 |

| Type | Order-no. |
|-----------------|--|
| Barrel | WXP 120 WP 120 T005 87 657 11 T005 87 637 09 |
| Barrel for bent | WXP 120 WP 120 T005 87 657 66 T005 87 658 02 |

- T005XXXXX99 = 1 Piece
- T005XXXXX10 = 10 Pieces
- T005XXXXX11 = 100 Pieces

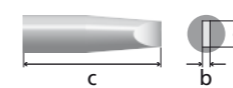
WXP 200 / WP 200

High Power soldering iron. Ideal for applications with highest heat demand e.g. LED backpanels or RF shieldings.
200 W, 24 V



- Interchangeable soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast reaction time

Chisel



| XHT | | Ø a mm | b mm | c mm | Order-no. |
|-------|--|-----------|---------|---------|----------------|
| XHT C | | 3,2 | 1,2 | 48,0 | T005 44 804 99 |
| XHT D | | 5,0 | 1,2 | 48,0 | T005 44 801 99 |

| Type | Ø a mm | b mm | c mm | Order-no. |
|-------|-----------|---------|---------|----------------|
| XHT E | 7,6 | 1,5 | 48,0 | T005 44 802 99 |
| XHT F | 9,3 | 2,0 | 48,0 | T005 44 805 99 |

Accessories

| Type | a mm | b mm | c mm | Order-no. |
|---------------|---------|---------|---------|----------------|
| Measuring tip | 1,25 | 6,0 | 55,0 | T005 44 803 99 |
| Barrel | | | | T005 87 637 25 |

Further soldering tip dimensions on request.

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

The soldering tip is the critical component in the soldering process which must transfer heat effectively and reliably to the solder point.

Unprofessional care can therefore result in soldering problems. Weller products and tips should be used at all times to prevent this.

Weller soldering irons and safety rests enable you to use these devices in standby mode to protect the soldering tip and save energy.



Weller WSW soldering wire protects the soldering tip



Excellent melting properties for copper and nickel. Very fast, homogeneous wetting, even on difficult surfaces. Reduced Fe leaching. Soldering tip life times can be extended by up to 30% by the microalloy. Good wetting properties of the soldering tip in low temperatures. Better flow properties and low flux splatter.

Always wet the soldering tip – even after using it with Weller WSW.

To guarantee maximum flexibility with soldering wire, Weller can supply a range of alloys and fluxes as well as various wire diameters.

Alloys

- SAC alloy – tin / silver / copper
- SC alloy – tin / copper

Flux

- Mildly activated flux (NoClean) M1
- Halogen-free flux L0

Diameters

- 0,5 mm, 0,8 mm, 1,0 mm, 1,2 mm, 1,6 mm

| Type | WSW SAC M1 | WSW SAC L0 | WSW SC L0 | WSW SC M1 |
|-----------------------|----------------|----------------|----------------|----------------|
| Alloy | Sn3.0Ag0.5Cu | Sn3.0Ag0.5Cu | Sn0.7Cu | Sn0.7Cu |
| Temperature | 217-221°C | 217-221°C | 227°C | 227°C |
| Flux J-STD 004 | M1 | L0 | L0 | M1 |
| Flux content | 3.5% | 3.5% | 3.5% | 3.5% |
| Weight | 500 gr | 500 gr | 500 gr | 500 gr |
| Diameter | Order-no. | Order-no. | Order-no. | Order-no. |
| 0,3 mm | T005 13 865 99 | T005 13 872 99 | | |
| 0,5 mm | T005 13 864 99 | T005 13 870 99 | T005 13 880 99 | T005 13 876 99 |
| 0,8 mm | T005 13 863 99 | T005 13 869 99 | T005 13 879 99 | T005 13 875 99 |
| 1,0 mm | T005 13 862 99 | T005 13 868 99 | T005 13 878 99 | T005 13 874 99 |
| 1,2 mm | T005 13 861 99 | T005 13 867 99 | T005 13 877 99 | T005 13 873 99 |
| 1,6 mm | T005 13 860 99 | T005 13 866 99 | | |

Why dry cleaning?

Weller®

- Excellent cleaning results
- Soldering tip is cleaned but remains wet
- Flux residues are removed
- Prevents oxidation
- Low temperature shock



Weller WDC / WDC 2 dry cleaner



Dry cleaner with brass or steel wool.

Recommended for dry cleaning of soldering tips using the WDC dry cleaner with brass wool. The solder tip is cleaned but remains wetted but flux residues are removed.



Find out how to use the WDC dry cleaner correctly on our youtube channel www.youtube.com/wellersoldering



Weller tip activator



Clean the soldering tip whilst it is still hot. Reactivation of oxidised soldering tips with heat.

Order-no.
T005 13 031 99

Preheating plate



Supplies additional heat energy. Protects the soldering process from partial overheating.

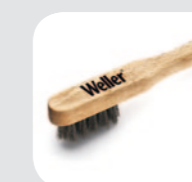
WPB 1 polishing bar



Cleans and renews the soldering tip surface. Clean the tip only when it is cold to prevent damage.

Order-no.
TWPB 1

Stainless steel brush



Removes stubborn flux residues.

Order-no.
T005 13 827 99

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Weller®