

## KHE 81



Order-no.	Model	Description
T005 15 167 99	KHE 81	Basic unit electric (for WFE P) safety rest with Stop+Go function with fibre optic sensor

## KHE / KHP 81



Order-no.	Model	Description
T005 15 167 99	KHE / KHP 81	Second safety rest with fibre optic sensor for extending to 2 workplaces

## KH 6



Order-no.	Model	Description
T005 15 006 99	KH 6	Safety rest for FE 75, FE 80

## WDH 30



Order-no.	Model	Description
T005 15 152 99	WDH 30	Safety rest for FE 75, FE 80 and LR 21, LR 82 and TCPS with FE attachment, DSX 80, HAP 1, HAP 200, WSP 150, WSFP 5/8

# Weller Safety Rests – Overview

Tools	AK 51	AKT 30	KH 4	KH 6	KH 18	KH 20	KH 20 + FE 75 funnel	KH 20 + FE 80 funnel	KH 25P	KH 27	KHE/KHP	KHE 81/ KHP 81
<b>Fast response</b>												
WP 65												■
WP 120												■
WP 200												
WXP 65												■
WXP 120												■
WXP 200												
<b>Silver Line</b>												
FE 75							■				■	
FE 80								■			■	
MPR 80									■			
WP 80												■
WSP 80					■							■
WSP 150												
<b>Active Tip</b>												
WMRP												
WMRT												
WXMP												
WXMT												
<b>Standard Line</b>												
LR 21											■	
WTA 50	■											
<b>Magnastat controlled low voltage soldering irons</b>												
TCPS							■					
W 61			■									
W 101				■			■					
<b>Desoldering irons</b>												
DSX 80												
DXV 80												
WXDP 120												
<b>Hot air irons</b>												
HAP 1											■	
HAP 200												
HAP 3000		■										
<b>Inert gas soldering irons</b>												
WP 80IG/120IG												
<b>Solder feeder system</b>												
WSFP 5/8												

Standard safety rest
  Safety rest with Stop & Go function
  Alternative safety rest



# Active Tip Heating Technology



- Quick tip exchange without any tools
- Extremely short heating time 100°C/sec
- Energy saving by standby function
- Optimal reaction time



## Optimum for soldering applications

Optimal tool where heating element and sensor are integrated in the soldering tip. By lowering the soldering joint temperature a faster reaction time is possible. With this tool the performance is exactly at the solder joint.

## WXMP Set

- 55 W, 12 V
- For WX stations
- Fine slim soldering iron. Ideal for microscope work.
- High performance by integrated active soldering tip.



 **RT Soldering tip series**  
page 158

Order-no.	Model	Description
<b>T005 29 204 99</b>	<b>WXMP Set</b>	<b>Micro soldering iron WXMP with safety rest</b>

### Scope of supply

1	T005 29 203 99	WXMP	Micro soldering iron WXMP 55 W, 12 V with Active Tip Heating Technology
2	T005 44 603 99	RT 3	Standard soldering tip, chisel 1,3 x 0,4 mm
3	T005 15 171 99	WDH 51	Safety rest with brass wool

## WMRP Set

- 55 W, 12 V
- Fine slim soldering iron. Ideal for microscope work.
- High performance by integrated active soldering tip.



 **RT Soldering tip series**  
page 158

Order-no.	Model	Description
<b>T005 29 190 99</b>	<b>WMRP Set</b>	<b>Micro soldering iron WMRP with safety rest</b>

### Scope of supply

1	T005 29 171 99	WMRP	Micro soldering iron WMRP 55 W, 12 V mit with Active Tip Heating Technology
2	T005 44 603 99	RT 3	Standard soldering tip, chisel 1,3 x 0,4 mm
3	T005 15 156 99	WDH 50	Safety rest with brass wool

### Accessory

4	T005 87 518 16		Bracket can be plugged sideways into the rest and hold 2 RT tips
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## WXMT Set

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

**RTW Soldering tip series**  
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	Order-no.	Model	Description
	<b>T005 13 178 99</b>	<b>WXMT Set</b>	<b>Micro desoldering tweezers WXMT with safety rest</b>
Scope of supply			
1	T005 13 177 99	WXMT	Micro desoldering tweezers 2 x 40 W, 12 V (hand piece without tips) with Active Tip Heating Technology
2	T005 44 652 99	RTW 2	Soldering triplet, 0,7 x 0,4 mm, 45°
3	T005 15 169 99	WDH 60	Safety rest with brass wool

## WMRT Set

- 2 x 40 W, 12 V
- For rework stations WR 3M, WR 2
- Slim tweezers. Ideal for soldering and desoldering of very small SMD components.

**RTW Soldering tip series**  
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	Order-no.	Model	Description
	<b>T005 13 173 99</b>	<b>WMRT Set</b>	<b>Micro desoldering tweezers WMRT with safety rest</b>
Scope of supply			
1	T005 13 174 99	WMRT	Micro desoldering tweezers 2 x 40 W, 12 V (hand piece without tips) with Active Tip Heating Technology
2	T005 44 652 99	RTW 2	Soldering triplet, 0,7 mm x 0,4 mm, 45°
3	T005 15 146 99	WMRTH	Safety rest with brass wool and Stop+Go Funktion

# Response Heating Technology



- Beneficial soldering tip prices
- Max. heating transfer
- Soldering tip in optimized sensor position
- Fast reaction time



## Fast Response Heating Technology

Due to an optimized sensor position a high performance is given. With a wide range of beneficial soldering tips these tools are an alternative to the micro soldering irons.

### WXP 65 Set

- 65 W, 24 V
- Small fast soldering iron with 65 W for for WX stations. Qualified for fine solder jobs with high heating demand.

 **XNT Soldering tip series**  
page 160



Order-no.	Model	Description
<b>T005 29 212 99</b>	<b>WXP 65 Set</b>	<b>Soldering iron WXP 65 with safety rest</b>

#### Scope of supply

1	T005 29 211 99	WXP 65	Soldering iron 65 W, 24 V with Fast Response Heating Technology
2	T005 44 851 99	XNT A	Standard soldering tip, 1,6 x 0,4 mm
3	T005 15 121 99	WDH 10	Safety rest with brass wool

### WP 65 Set

- 65 W, 24 V
- Small fast soldering iron with 65 W. Qualified for fine solder jobs with high heating demand.

 **XNT Soldering tip series**  
page 160



Order-no.	Model	Description
<b>T005 29 216 99</b>	<b>WP 65 Set</b>	<b>Set Soldering iron WP 65 with safety rest</b>

#### Scope of supply


1	T005 29 215 99	WP 65	Soldering iron 65 W, 24 V with Fast Response Heating Technology
2	T005 44 851 99	XNT A	Standard soldering tip, 1,6 x 0,4 mm
3	T005 15 121 99	WDH 10	Safety rest with brass wool

#### Accessory for both sets:


T005 87 657 58	Barrel
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## WXP 120 Set

- 120 W, 24 V
- Allrounder with 120 watts. For soldering applications from small to large components with high temperature demand.

 **XT Soldering tip series**  
page 162/163




Order-no.	Model	Description
<b>T005 29 202 99</b>	<b>WXP 120 Set</b>	<b>Soldering iron WXP 120 with safety rest</b>
<b>Scope of supply</b>		
1 T005 29 201 99	WXP 120	Soldering iron 120 W, 24 V with Fast Response Heating Technology 
2 T005 44 704 99	XT B	Standard soldering tip, XT B, Chisel 2,4 x 0,8 mm
3 T005 15 121 99	WDH 10	Safety rest with brass wool
<b>Accessory</b>		
T005 87 657 11		Barrel

## WP 120 Solar

- 120 W, 24 V
- For solar modules
- 2,5 m connection cable

 **XT Soldering tip series**  
page 162/163



Order-no.	Model	Description
<b>T005 29 207 99</b>	<b>WP 120 Solar Set</b>	<b>Soldering iron WP 120 with 2,5 m connection cable</b>
<b>Scope of supply</b>		
1 T005 29 207 99	WP 120 Solar	Soldering iron 120 W, 24 V with Fast Response Heating Technology 
2 T005 44 704 99	XT B	Standard soldering tip, XT B, Chisel 2,4 x 0,8 mm
3 T005 15 121 99	WDH 10	Safety rest with brass wool
<b>Accessory</b>		
T005 87 637 44		Spare barrel

# Fast Response Heating Technology


## WP 120 Set

- 120 W, 24 V
- Allrounder with 120 watts. For soldering applications from small to large components with high temperature demand.



**XT Soldering tip series**  
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	Order-no.	Model	Description
	<b>T005 29 194 99</b>	<b>WP 120 Set</b>	<b>Soldering iron WP 120 with safety rest</b>
Scope of supply			
1	T005 29 193 99	WP 120	Soldering iron 120 W, 24 V with Fast Response Heating Technology 
2	T005 44 704 99	XT B	Standard soldering tip, XT B, Chisel 2,4 x 0,8 mm
3	T005 15 161 99	WDH 10 T	Safety rest with Stop & Go function with brass wool
<b>Accessory</b>			
	T005 87 657 09		Spare barrel

## WXP 200 Set

- 200 W, 24 V
- High Power soldering iron compatible to the WX stations. Ideal for applications with a high temperature demand e.g. LED backpanels or HF shieldings




XHT Soldering tip series  
page 164



Order-no.	Model	Description
T005 29 206 99	WXP 200 Set	Soldering iron WXP 200 with safety rest

### Scope of supply

1	T005 29 205 99	WXP 200	Soldering iron 200 W, 24 V with Fast Response Heating Technology	
2	T005 44 801 99	XHT D	Standard soldering tip, 5,0 x 1,2 mm	
3	T005 15 158 99	WDH 31	Safety rest with brass wool	

### Accessory

T005 87 637 25	Barrel
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## WP 200 Set

- 200 W, 24 V
- High Power soldering iron. Ideal for applications with a high temperature demand e.g. LED backpanels or HF shieldings




XHT Soldering tip series  
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Order-no.	Model	Description
T005 29 200 99	WP 200 Set	Soldering iron WXP 200 with safety rest

### Scope of supply

1	T005 29 199 99	WP 200	Soldering iron 200 W, 24 V with Fast Response Heating Technology	
2	T005 44 801 99	XHT D	Standard soldering tip,, 5,0 x 1,2 mm	
3	T005 15 158 99	WDH 31	Safety rest with brass wool	

### Accessory

T005 87 637 25	Barrel
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# Silver Line Heating Technology



- Effective heat transfer
- Wide soldering tip range
- Universal use



## Silver Line Heating Technology

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

## WSP 80 Set

- 80 W, 24 V
- Fast and precise reach of soldering temperature.
- Slim iron design
- For all purpose soldering jobs



LT Soldering tip series  
page 165-168



Order-no.	Model	Description
T005 33 125 99	WSP 80 Set	Soldering iron WSP 80 with safety rest

### Scope of supply

1	T005 29 161 99	WSP 80	Soldering iron 80 W, 24 V with Silver Line Heating Technology
2	T005 44 405 99	LT B	Soldering tip chisel 2,4 x 0,8 mm
3	T005 15 170 99	KH 18	Safety rest with sponge

### Accessory

T005 87 447 10		Barrel for WSP 80 (spare)
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## WP 80 Set

- 80 W, 24 V
- Soldering iron WP 80 with short tip-to-grip design.
- Comfortable safety rest with 4 step varying inclination



LT Soldering tip series  
page 165-168



Order-no.	Model	Description
T005 29 181 99	WP 80 Set	Soldering iron WP 80 with safety rest

### Scope of supply

1	T005 29 180 99	WP 80	Soldering iron 80 W, 24 V with Silver Line Heating Technology
2	T005 44 405 99	LT B	Soldering tip chisel 2,4 x 0,8 mm
3	T005 15 121 99	WDH 10	Safety rest with brass wool

### Accessory

T005 87 448 46		Barrel long, 55 mm
T005 87 448 45		Barrel short, 40 mm



## WSP 150 Set

- 150 W, 24 V
- For soldering applications with high temperature demand



LHT Soldering tip series  
page 172

	Order-no.	Model	Description
	<b>T005 29 189 99</b>	<b>WSP 150 Set</b>	<b>Soldering iron WSP 150 with safety rest</b>
Scope of supply			
1	T005 29 170 99	WSP 150	Soldering iron 150 W, 24 V with Silver Line Heating Technology
2	T005 44 450 99	LHT F	Soldering tip chisel 9,3 x 2,0 mm
3	T005 15 152 99	WDH 30	Safety rest with brass wool



## MPR 80 Set

- 80 W, 24 V
- Soldering iron with an adjustable head up to 40°



LT Soldering tip series  
page 165-168

	Order-no.	Model	Description
	<b>T005 33 131 99</b>	<b>MPR 80 Set</b>	<b>Soldering iron MPR 80 with safety rest</b>
Scope of supply			
1	T005 29 163 99	MPR 80	Soldering iron 80 W, 24 V, with Silver Line Heating Technology
2	T005 44 405 99	LT B	Soldering tip chisel 2,4 x 0,8 mm
3	T005 15 033 99	KH 25P	Safety rest with sponge
<b>Accessory</b>			
	T005 87 447 10		Barrel for WSP 80 (spare)

# Silver Line Heating Technology


Weller FE soldering irons are specifically designed for tip extraction applications (tip extraction see page 120). The fume extraction tube is integrated to the iron and positioned above the soldering tip. Regardless the iron is ergonomic and allows precise work. The FE soldering irons are controlled electronically and can be connected to all Weller soldering stations except WX stations. Different performances and the wide range of Weller soldering tips gives a multi-purpose applications to the FE irons. Weller FE soldering irons are delivered with a 5,0 mm heat resistant fume extraction hose (2,5 mm). Irons are ESD safe.



## FE 75 Set

- 80 W, 24 V
- For tip extraction

 **LT Soldering tip series**  
page 165-168

	Order-no.	Model	Description
	<b>T005 33 151 99</b>	<b>FE 75 Set</b>	<b>Soldering iron FE 75 with safety rest</b>
Scope of supply			
1	T005 29 166 99	FE 75	FE-Soldering iron 80 W, 24 V with Silver Line Heating Transfer 
2	T005 44 405 99	LT B	Soldering tip chisel 2,4 x 0,8 mm
3	T005 15 020 99	KH 20	Safety rest with sponge
	T005 87 447 28		Funnel for FE 75
	T005 25 409 99		Cleaning brush for extraction tube
<b>Accessory</b>			
	T005 87 447 10		Barrel for FE 75 (spare)




## FE 80

- 80 W, 24 V
- For tip extraction



HT Soldering tip series  
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Order-no.	Model	Description
<b>T005 26 162 99</b>	<b>FE 80</b>	<b>FE-Soldering iron</b>
Scope of supply		
T005 26 162 99	FE 80	FE-Soldering iron 80 W, 24 V with Silver Line Heating Transfer 
T005 44 261 99	HT 2	Soldering tip
T005 87 337 58		Trichter für FE 80
T005 25 409 99		Cleaning brush for extraction tube
<b>Accessory</b>		
T005 15 152 99	WDH 30	Safety rest

## LR 21 Set

- 50 W, 24 V
- For standard soldering applications



LT Soldering tip series  
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Order-no.	Model	Description
<b>T005 29 187 99</b>	<b>LR 21 Set</b>	<b>Soldering iron LR 21 with safety rest</b>
Scope of supply		
1 T005 25 106 99	LR 21	Soldering iron 50 W, 24 V with LT-B soldering tip adapter
2 T005 44 405 99	LT B	Standard soldering tip, LT B, 2,4 mm X 0,8 mm
3 T005 15 152 99	WDH 30	Safety rest with brass wool

# Magnastat Soldering Iron

The Magnastat system operates through a ferro-magnetic sensor device which changes its characteristics when specific temperatures are reached. This causes it to either attract or repel a permanent magnet which operates a power supply switch. In this way power to the heating element can be quickly switched on or off to either provide extra power.

## Magnastat Controlled Low Voltage Soldering Iron

### TCPS

- 50 W, 24 V
- 3 wire silicone cord and plug for Weller WTCP 51 Magnastat soldering station.
- Hard grounded



 **LT Soldering tip series**  
page 165-168

Order-no.	Model	Description
T00 532 105 99	TCPS	Magnastat Soldering iron 50 W, 24 V with adapter PT 7 (370°C) and soldering tip LT M

### TCP 24

- 50 W, 24 V
- 2 wire silicone cord without plug
- No grounding possible

 **LT Soldering tip series**  
page 165-168

Order-no.	Model	Description
T005 10 001 99	TCP 24	Magnastat Soldering iron 50 W, 24 V, with adapter PT 7 (370°C) and soldering tip LT M

### TCP 42

- 45 W, 24 V
- 2 wire cord (4 m) without plug

 **LT Soldering tip series**  
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Order-no.	Model	Description
T005 10 055 71	TCP 42	Magnastat Soldering iron 45 W, 24 V, with adapter PT 7 (370°C) and soldering tip LT M

### TCP 12

- 3 m cord with battery clamps e.g. for car battery

 **LT Soldering tip series**  
page 165-168

Order-no.	Model	Description
T005 10 053 99	TCP 12	Magnastat Soldering iron 30/40 W, 12/14 V, with adapter PT 7 (370°C) and soldering tip LT M

## Magnastat controlled line voltage soldering irons



### W 61

- 60 W, 230 V



CT 5 Soldering tip series  
page 177

Order-no.	Model	Description
T005 61 036 99	W 61	Line voltage soldering iron 60 W, 230 V, Magnastat controlled

### W101

- 100 W, 230 V
- Complete with soldering tip CT6E7 and safety rest



CT 6 Soldering tip series  
page 178

Order-no.	Model	Description
T005 61 046 99	W 101	Low voltage soldering iron 100 W, 230 V, Magnastat controlled

### W 101SP

- 100 W, 230 V
- Complete with welding wedge Teflon coated 50 x 40 x 4 mm, twist lock and safety rest



Welding wedge spare  
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Order-no.	Model	Description
T005 61 096 99	W 101SP	Line voltage soldering iron 100 W, 230 V, Magnastat controlled with welding wedge (260°C-295°C)

### W 201

- 200 W, 230 V
- Complete with soldering tip CT2F7 and safety rest



CT 2 Soldering tip series  
page 179

Order-no.	Model	Description
T005 61 056 99	W 201	Line voltage soldering iron 200 W, 230 V, Magnastat controlled

# Unregulated Line Voltage Soldering Iron

Robust heating elements of special steel between natural mica-leaves, embedded in cast ceramics and first-class material make the Weller SPI irons outstanding in technology and life-time. Ideal for professional applications in crafts and schools.

## SPI 16

- 15 W, 230 V
- Heating up time approx. 180 sec.
- Tip temperature approx. 360°C



[SPI 16-Soldering tip series](#)  
page 180



Order-no.	Model	Description
<a href="#">T005 64 005 99</a>	<a href="#">SPI 16</a>	<a href="#">Line voltage soldering iron unregulated 15 W, 230 V</a>

Scope of supply

Complete with soldering tip 4SPI15212 chisel tip 1,2 mm and safety rest

## SPI 27

- 25 W, 230 V
- Heating up time approx. 180 sec.
- Tip temperature approx. 410°C



[SPI 27-Soldering tip series](#)  
page 180



Order-no.	Model	Description
<a href="#">T005 64 021 99</a>	<a href="#">SPI 27</a>	<a href="#">Line voltage soldering iron unregulated 25 W, 230 V</a>

Scope of supply

Complete with soldering tip 4SPI26206 chisel tip 1,2 mm and safety rest

## SPI 41

- 40 W, 230 V
- Heating up time approx. 180 sec.
- Tip temperature approx. 450°C



**SPI 41-Soldering tip series**  
page 180



Order-no.	Model	Description
<b>T005 64 037 99</b>	<b>SPI 41</b>	<b>Line voltage soldering iron unregulated 40 W, 230 V</b>

Scope of supply

Complete with soldering tip 4SPI402224 chisel tip 2,0 mm and safety rest

## SPI 81

- 80 W, 230 V
- Heating up time approx. 180 sec.
- Tip temperature approx. 480°C



**SPI 81-Soldering tip series**  
page 180



Order-no.	Model	Description
<b>T005 64 053 99</b>	<b>SPI 81</b>	<b>Line voltage soldering iron unregulated 80 W, 230 V</b>

Scope of supply

Complete with soldering tip 4SPI80237 chisel tip 5,0 mm and safety rest

# Desoldering Iron


The desoldering irons of the X-series feature a novel threadless desoldering nozzle fixture system whereby the nozzle is inserted into the head and locked into place by applying a 1/4 turn. This patented feature allows the desoldering nozzles to be quickly and easily exchanged and also improves the rate of thermal transfer from the desoldering head to the desoldering nozzle providing the tools with a faster heating up time and recovery rate. Together with a 80 watts heating element the desoldering iron is qualified for solder joints where a high temperature is required.

Desoldering iron with external solder collector (DSX 80) for SMD components. For horizontal use, similar to normal soldering iron. Electronic temperature control. Micro finger switch for activating the vacuum pump. Various desoldering nozzles as well as CSF desoldering heads are available.



## DSX 80 Set

- 80 W, 24 V
- With external solder collector
- For horizontal use

 **DX Desoldering nozzle series**  
page 184

Order-no.	Model	Description
<b>T005 13 183 99</b>	<b>DSX 80 Set</b>	<b>Desoldering iron set 80 W, 24 V with threadless nozzle fixture system</b>

### Scope of supply

1	T005 13 190 99	DSX 80	Desoldering iron 80 W, 24 V
2	T005 15 152 99	WDH 30	Safety rest
3	T005 13 142 00	DX 112	Nozzle inner ø 1,0 mm
4	T005 13 143 00	DX 113	Nozzle inner ø 1,2 mm
	T005 13 500 99		Nozzle inner
	T005 13 603 99		Gaskets for glastube (10 pieces)

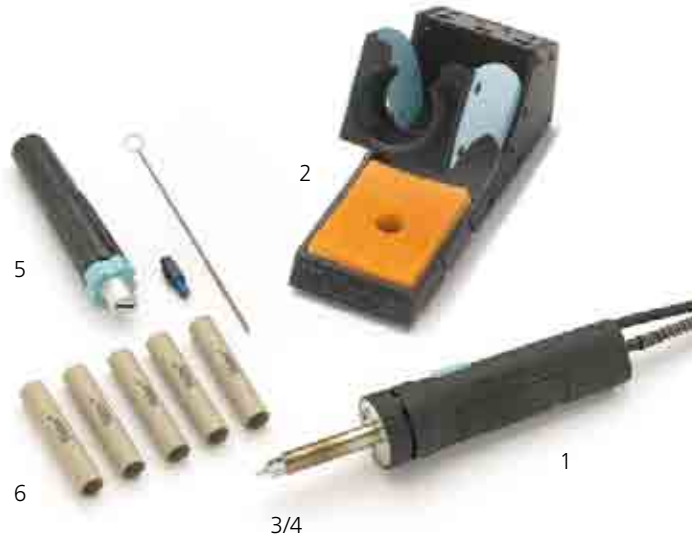
## Accessory

Order-no.	Description
<b>T005 13 604 99</b>	<b>Filter for glastube (10 pieces)</b>

Inline desoldering iron with internal solder reservoir for vertical handling. Electronic temperature control. Micro finger switch controls quick start of fast action vacuum pump. Different nozzles and CSF heads are available.

## DXV 80 Set

- 80 W, 24 V
- Internal solder reservoir
- Internal solder reservoir



Order-no.	Model	Description
<b>T005 13 182 99</b>	<b>DXV 80 Set</b>	<b>Inline desoldering iron 80 W, 24 V with threadless nozzle fixture system</b>

### Scope of supply

1	T005 13 180 99	DXV 80	Inline EntSoldering iron 80 W, 24 V
2	T005 15 153 99	WDH 40	Safety rest
3	T005 13 142 00	DX 112	Nozzle inner ø 1,0 mm
4	T005 13 143 00	DX 113	Nozzle inner ø 1,2 mm
5	T005 13 500 99		Nozzle inner
6	T005 87 418 15		Filter cartridge for DXV 80 (5 pieces)

## Cleaning set for DS, DSX nozzles

- For cleaning nozzles and for nozzle exchange



Order-no.	Description
<b>005 13 500 99</b>	<b>Cleaning set complete</b>

### Scope of supply

005 87 488 61	Handle
005 13 501 99	Spare needle set, 0,6 mm / 0,9 mm / 1,4 mm / 1,9 mm

### Accessory

005 13 502 99	Spare needle set, 1 x 1,9 mm, 3 x 0,9 mm
005 13 503 99	Spare needle set, 1 x 1,9 mm, 3 x 0,5 mm
005 13 504 99	Spare needle set, 1 x 1,9 mm, 3 x 1,4 mm

# Desoldering Irons

New products enlarge the WX family. A new WXD 2 desoldering station and a new WXDP desoldering iron. These tools are ideal for professional rework applications of the latest electronic components in the industrial operation. Typically for the WX stations: soldering and desoldering parameters can be saved easily on the iron. The WXDP 120 heats up within 35 sec. only. With stand-by function.

## WXDP 120 Set

- Available spring
- 120 W, 24 V High power desoldering iron
- Heat up time 35 sec only
- Set-back function
- Push and pull technolgy: cartridge change with one hand possible
- Programmable, intelligent WX desoldering iron



[XDS-Nozzles page 187](#)



Order-no.	Model	Description
<b>T005 13 202 99</b>	<b>WXDP 120 Set</b>	<b>Desoldering iron 120 W, 24 V with excenter fixture</b>
Scope of supply		
1	T005 13 201 99	WXDP 120 Desoldering iron 120 W, 24 V
2	T005 15 172 99	WDH 70 Safety rest with brass wool



## WTA 50 Set

- Tweezers 50 W, 24 V
- For desoldering of SMD components



Order-no.	Model	Description
<b>T005 33 133 99</b>	<b>WTA 50 Set</b>	<b>Tweezers WTA 50 with safety rest</b>

### Scope of supply

1	T005 13 171 99	WTA 50	Tweezers 2 x 25 W, 24 V
2	T005 44 141 99	WTA 1	Tip set, bent 45°, 0,5 mm X 0,5 mm
3	T005 15 042 99	AK 51	Safety rest

# Hot Air Irons

The hot air irons HAP 1 and HAP 200 work with a temperature range from 50°-550°C. They provide a directional hot air flow that is adjustable. Finger seitch controls adjustable pump. Different nozzles are available.

## HAP 1 Set

- 100 W, 24 V
- Temperature range 50°C bis 550°C
- Hot air flow ionic freei
- Activation by finger switch



Hot air nozzles  
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Order-no.	Model	Description	
<b>T005 27 118 99</b>	<b>HAP 1 Set</b>	<b>Hot air iron set 100 W, 24 V</b>	
Scope of supply			
1	T005 27 115 99	HAP 1	Hot air iron 100 W / 24 V with Hot air nozzle R 06 rund ø 3,0 mm
2	T005 87 278 21	R 04	Hot air nozzle round ø 1,2 mm
3	T005 15 152 99	WDH 30	Safety rest

The hot air iron HAP 200 works with the rework station WR 3M only.

## HAP 200 Set

- 200 W, 24 V
- Temperature range  
50°C bis 550°C
- Activation by finger switch



Hot air nozzles  
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Order-no.	Model	Description
T005 27 117 99	HAP 200 Set	Hot air iron set 200 W, 24 V

### Scope of supply

1	T005 27 116 99	HAP 200	Hot air iron 200 W / 24 V with Hot air nozzle R 06 rund ø 3,0 mm
2	T005 87 278 21	R 04	Hot air nozzle round ø 1,2 mm
3	T005 15 152 99	WDH 30	Safety rest
	T005 87 617 28		Adapter M6 for für HAP 200

## Solutions for cleaning challenges with lead free solder!

When using lead free it will be experienced an increased oxidation in the wettable area of the tip. These oxides must be removed regularly otherwise it will make the tip completely unwettable and not usable anymore. When cleaning the tip by means of the Weller WDC Dry Cleaner a special brass wool is used. First the surplus solder is removed by tapping the tip on the soft edge of the collector box. The final cleaning is then done by pushing and turning the tip in the brass wool. After cleaning there is still a fine rest of solder on the tip avoiding fast oxidation of the iron layer which is an advantage versus the cleaning by the wet sponge. The brass wool can be soaked in flux which may improve even the performance..

### Why dry cleaning?

- Best cleaning effect
- Soldering tip will be cleaned but stays wetted
- Flux will be removed
- Safes from oxidation
- Less temperature shock

### Individual cleaning methods

Wet cleaning with cleaning sponge



Dry cleaning with steel or brass wool



## Use all possibilities and accessories for lowering the soldering tip temperature

- Stand-by mode
- Auto-off mode
- Safety rests with Stop & Go function
- Tools with Acceleration sensor

### High power infra-red preheating plate

Support for hand soldering processes without risking overheating



### After use wet the soldering tip again - with Weller WSW

Always use the lowest possible tip temperature and add sufficient solder to the tip before placing the iron back to the safety rest.



### Tip activator

Regeneration of oxidized tips. Use when tip is hot.



### Dry cleaning with WDC

- Soldering tip will be cleaned but stays wetted. Flux will be removed.
- Best treatment for soldering tips.



### Polishing bar WPB 1

Removes compact oxid films and regenerates tip surfaces when tip is cold.



# Weller Summary Soldering Tips

Soldering Tools	Soldering Tips														
	XT	XTR	LTR	ET	XHT	XNT	RT	RTW	LT	NT	LHT	HT	WTA	PT	
<b>Fast response</b>															
WP 65						■									
WMP										■					
WP 120	■														
WP 200					■										
WXP 65						■									
WXP 120	■														
WXP 200					■										
<b>Silver Line</b>															
FE 75									■						
FE 80												■			
MPR 80									■						
WP 80									■						
WSP 80									■						
WSP 150											■				
<b>Active Tip</b>															
WMRP								■							
WMRT									■						
WXMP								■							
WXMT									■						
<b>Standard Line</b>															
LR 21				■					with Ad.						
LR 82												■			
WTA 50													■		
<b>Unregulated Line Voltage Soldering Irons</b>															
SPI 16,27,41,81															
<b>Magnastat Controlled Line Voltage Soldering Irons</b>															
TCPS,TCP 12,TCP 24									with Ad.					■	
W 61,101,201															
<b>Desoldering Irons</b>															
DS 22,80,DSV 80															
DSX 80															
DXV 80															
WXDP 120															
<b>Hot Air Irons</b> HAP 1,HAP 200															
HAP 3000															
<b>Gas Powered Soldering Irons</b>															
Pyropen Jr.															
Pyropen and P. Piezo															
WP 60															
<b>Inert Gas Soldering Irons</b>															
WSP 80IG									■						
WSP 120IG	■														
<b>Heating Elements</b>															
HER 120		■													
HER 80			■												



## RT Soldering Tip Series

### Soldering Tips for Soldering irons WMRP,WXMP



Order-no.	Model	Description	
T005 44 601 99	<b>RT 1</b>	Needle tip Ø 0,2 mm,40 W	
T005 44 625 99	<b>RT 1NW</b>	Needle tip Ø 0,1 mm,chrome,40 W unwetable for device 0201 / 0204	
T005 44 612 99	<b>RT 1SC</b>	Chisel tip 0,4 x 0,15 mm,40 W	
T005 44 626 99	<b>RT 1SCNW</b>	Chisel tip 0,3 x 0,1 mm,chrome,40 W unwetable for device 0201 / 0204	
T005 44 602 99	<b>RT 2</b>	Point tip Ø 0,8 mm,40 W	
T005 44 603 99	<b>RT 3</b>	Chisel tip 1,3 x 0,4 mm,40 W	
T005 44 604 99	<b>RT 4</b>	Chisel tip 1,5 x 0,4 mm,40 W	
T005 44 605 99	<b>RT 5</b>	Chisel tip bent 30° 0,8 x 0,4 mm,40 W	
T005 44 606 99	<b>RT 6</b>	Round tip 45° sloped 1,2 mm,40 W	
T005 44 607 99	<b>RT 7</b>	Knife tip 45° sloped 2,2 mm,40 W	
T005 44 608 99	<b>RT 8</b>	Chisel tip 2,2 x 0,4 mm,40 W	
T005 44 609 99	<b>RT 9</b>	Chisel tip 0,8 x 0,4 mm,40 W	
T005 44 610 99	<b>RT 10GW</b>	Gullwing tip 1,2 x 2,0 mm,40 W	
T005 44 611 99	<b>RT 11</b>	Chisel tip 3,6 x 0,9 mm,55 W	
T005 44 613 99	<b>RT</b>	Measuring tip	






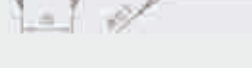


## RTW Soldering Tip Series



## Adjustable soldering tips for desoldering tweezers WXMT



Order-no.	Model	Description	
T005 44 651 99	<b>RTW 1</b>	Soldering tip set Ø 0,2 mm,45°,80 W,10 mm	
T005 44 652 99	<b>RTW 2</b>	Soldering tip set Chisel tip 0,7 x 0,4 mm,45°,80 W	
T005 44 653 99	<b>RTW 3</b>	Soldering tip set Chisel tip 3 x 1,0 mm,45°,80 W	
T005 44 654 99	<b>RTW 4</b>	Soldering tip set Chisel tip 6 x 1,0 mm,45°,80 W	
T005 44 656 99	<b>RTW 6NW</b>	Soldering tip set Ø 0,1 mm,45°,chrome unmettable,for soldering and desoldering of micro devices 0201 / 0402	
Further tips on request			

# Soldering Tips

## XNT Soldering Tip Series

### Soldering Tips for Soldering irons WXP 65, WP 65

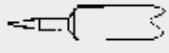


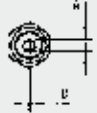
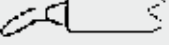





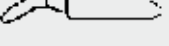



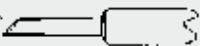

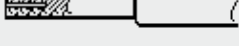





Order-no.	Model	Description	Width A	Length	
T005 44 850 99 T005 44 850 10	<b>XNT 1</b>	Round tip,(1 piece) (10 pieces)	Ø 0,5 mm	27 mm	
T005 44 851 99 T005 44 851 10	<b>XNT A</b>	Chisel tip,(1 piece) (10 pieces)	1,6 x 0,4 mm	28 mm	
T005 44 852 99 T005 44 852 10	<b>XNT 1S</b>	Round tip slim,(1 piece) (10 pieces)	Ø 0,2 mm	28,5 mm	
T005 44 853 99 T005 44 853 10	<b>XNT D</b>	Chisel tip,(1 piece) (10 pieces)	4,0 x 0,8 mm	28 mm	
T005 44 854 99 T005 44 854 10	<b>XNT GW</b>	Gullwing tip,(1 piece) (10 pieces)		33 mm	
T005 44 855 99 T005 44 855 10	<b>XNT 4</b>	Round tip sloped 45°,(1 piece) (10 pieces)	Ø 1,2 mm	29,5 mm	
T005 44 856 99 T005 44 856 10	<b>XNT 6</b>	Chisel tip,(1 piece) (10 pieces)	1,6 x 0,4 mm	29,5 mm	
T005 44 857 99 T005 44 857 10	<b>XNT B</b>	Chisel tip,(1 piece) (10 pieces)	2,4 x 0,8 mm	27 mm	
T005 44 858 99 T005 44 858 10	<b>XNT C</b>	Chisel tip,(1 piece) (10 pieces)	3,2 x 0,8 mm	27 mm	
T005 44 859 99 T005 44 859 10	<b>XNT H</b>	Chisel tip,(1 piece) (10 pieces)	0,8 x 0,4 mm		
T005 44 860 99 T005 44 860 10	<b>XNT K</b>	Chisel tip,(1 piece) (10 pieces)	1,2 x 0,4 mm	28 mm	
T005 44 862 99 T005 44 862 10	<b>XNT 1SC</b>	Chisel tip slim,(1 piece) (10 pieces)	0,4 x 0,15 mm	27 mm	
T005 44 863 99 T005 44 863 10	<b>XNT KN</b>	Knife tip,(1 piece) (10 pieces)	2 mm	33 mm	
T005 87 657 58 T005 87 657 58		Barrel for WXP 65 Barrel for WP 65			
T005 44 861 99	<b>XNT</b>	Measuring tip			



## NT Soldering Tip Series

### Soldering Tips for WMP

Order-no.	Model	Description	Width A	Thickness B	Length L		
NT 1SC	<b>NT 1SC</b>	Chisel tip slim	0,4 mm	0,15 mm	14 mm		
NT H	<b>NT H</b>	Chisel tip	0,8 mm	0,4 mm	8,4 mm		
NT K	<b>NT K</b>	Chisel tip	1,2 mm	0,4 mm	8,4 mm		
NT A	<b>NT A</b>	Chisel tip	1,6 mm	0,4 mm	9,5 mm		
NT 6	<b>NT 6</b>	Chisel tip	1,6 mm	0,7 mm	7,4 mm		
NT B	<b>NT B</b>	Chisel tip	2,4 mm	0,8 mm	7,8 mm		
NT C	<b>NT C</b>	Chisel tip	3,2 mm	0,8 mm	8,2 mm		
NT D	<b>NT D</b>	Chisel tip	4,0 mm	0,8 mm	8,6 mm		
NT AX	<b>NT AX</b>	Chisel tip bent	1,6 mm	0,4 mm	8,2 mm		
NT 1S	<b>NT 1S</b>	Round tip slim	Ø 0,25 mm		8,5 mm		
NT 1	<b>NT 1</b>	Round tip	Ø 0,25 mm		7,4 mm		
NT 1X	<b>NT 1X</b>	Round tip bent 45°	Ø 0,4 mm		8,6 mm		
NT 4	<b>NT 4</b>	Round tip sloped 45°	Ø 1,2 mm		9,9 mm		
NT GW	<b>NT GW</b>	Gullwing tip	2,0 mm	3,0 mm	13,4 mm		
NT MS	<b>NT MS</b>	NT Measuring tip for thermoelement Ø 0,5 mm					

Order-no.	Description	
T005 87 517 17	Silicon pad for changing bent NT tips	
T005 87 517 10	Tip changing tool for changing straight NT tips	

# Soldering Tips

## XT Soldering Tip Series

### Soldering Tips for Soldering irons WP 120 and WXP 120

Order-no.	Model	Description	Width A	Thickness B	
T005 44 701 99 T005 44 701 10	<b>XT AL</b>	Chisel tip long,(1 piece) (10 pieces)	1,6 mm	1,0 mm	
T005 44 713 99 T005 44 713 10	<b>XT H</b>	Chisel tip,(1 piece) (10 pieces)	0,8 mm	0,4 mm	
T005 44 702 99 T005 44 702 10	<b>XT M</b>	Chisel tip,(1 piece) (10 pieces)	3,2 mm	1,2 mm	
T005 44 703 99 T005 44 703 10	<b>XT A</b>	Chisel tip,(1 piece) (10 pieces)	1,6 mm	0,7 mm	
T005 44 704 99 T005 44 704 10	<b>XT B</b>	Chisel tip, (1 piece) (10 pieces)	2,4 mm	0,8 mm	
T005 44 705 99 T005 44 705 10	<b>XT C</b>	Chisel tip,(1 piece) (10 pieces)	3,2 mm	0,8 mm	
T005 44 706 99 T005 44 706 10	<b>XT D</b>	Chisel tip,(1 piece) (10 pieces)	4,6 mm	0,8 mm	
T005 44 736 99	<b>XT DL</b>	Chisel tip long,(1 piece)	4,6 mm	0,8mm	
T005 44 707 99 T005 44 707 10	<b>XT E</b>	Chisel tip,(1 piece) (10 pieces)	5,9 mm	1,2 mm	
T005 44 708 99 T005 44 708 10	<b>XT AA</b>	60° Soldering tip,(1 piece) (10 pieces)	Ø 1,6 mm		
T005 44 709 99 T005 44 709 10	<b>XT BB</b>	45° Soldering tip,(1 piece) (10 pieces)	Ø 2,4 mm		
T005 44 710 99 T005 44 710 10	<b>XT CC</b>	45° Soldering tip,(1 piece) (10 pieces)	Ø 3,2 mm		
T005 44 711 99 T005 44 711 10	<b>XT KN</b>	60° Soldering tip,(1 piece) (10 pieces)	Ø 6,0 mm		
T005 44 735 99	<b>XT GW</b>	Soldering tip,(1 piece)	3,5 mm	4,8 mm	
T005 44 712 99 T005 44 712 10	<b>XT GW</b>	Soldering tip,(1 piece) (10 pieces)	2,3 mm	3,2 mm	
T005 44 714 99 T005 44 714 10	<b>XT O</b>	Round tip,(1 piece) (10 pieces)	Ø 1,0 mm		
T005 44 715 99 T005 44 715 10	<b>XT BS</b>	Round tip,(1 piece) (10 pieces)	Ø 2,4 mm		



Continuation page 162, XT Soldering Tips for WP 120,WXP 120

Order-no.	Model	Description	Width A	Thickness B	
T005 44 716 99 T005 44 716 10	<b>XT CS</b>	Round tip,(1 piece) (10 pieces)	Ø 3,2 mm		
T005 44 717 99 T005 44 717 10	<b>XT DS</b>	Round tip,(1 piece) (10 pieces)	Ø 5,0 mm		
T005 44 718 99 T005 44 718 10	<b>XT F</b>	30° Randf. abgeschr.,(1 piece) (10 pieces)	Ø 1,2 mm		
T005 44 719 99	<b>XT Adapter M4</b>	(1 piece)			
T005 44 720 99	<b>XT Adapter M5</b>	(1 piece)			
T005 44 721 99 T005 44 721 10	<b>XT D45</b>	45° Solar Soldering tip,(1 piece) (10 pieces)	5 mm		
T005 44 730 99 T005 44 730 10	<b>XT DDH45</b>	(1 piece) (10 pieces)	4 mm		
T005 44 722 99		XT Measuring tip			
T005 87 657 11		Barrel for WXP 120			
T005 87 637 09		Barrel for WP 120			

## XT Soldering head for WP 120 and WXP 120

The XT soldering head is an ideal tool for tin coating, soldering and desoldering different components.

The adequate barrel must be ordered seperately.

Order-no.	Description	
T0054473199	XT Soldering head 10 x 3 mm complete, consists of: XT Soldering head 10x3 mm and XT soldering head adapter.	
T0054473190	XT Soldering head 10 x 3 mm, spare	
T0054473299	XT Soldering head 20 x 3 mm complete, consists of: XT Soldering head 20 X 3 mm and XT soldering head adapter	
T0054473290	XT Soldering head 20x3 mm, spare	
T0054473399	XT Soldering head 33 x 3 mm complete, consists of: XT Soldering head 33 x 3 mm and XT soldering head adapter	
T0054473390	XT Soldering head 33 x 3 mm, spare	
T0054473499	XT Soldering head adapter, spare	

# Soldering Tips

## XTR Soldering Tip Series

Soldering tip with twist lock. For use with robot heating element HER 120.

Order-no.	Model	Description	Width A	Thickness B	Length L
T005 44 723 99 T005 44 723 10	<b>XTR A</b>	Chisel tip, (1 piece) (10 pieces)	1,6 mm	0,7 mm	36,0 mm
T005 44 724 99 T005 44 724 10	<b>XTR B</b>	Chisel tip,(1 piece) (10 pieces)	2,4 mm	0,8 mm	35,0 mm
T005 44 725 99 T005 44 725 10	<b>XTR C</b>	Chisel tip, (1 piece) (10 pieces)	3,2 mm	0,8 mm	35,0 mm
T005 44 726 99 T005 44 726 10	<b>XTR D</b>	Chisel tip, ( 1 piece) (10 pieces)	4,6 mm	0,8 mm	34,5 mm
T005 44 727 99 T005 44 727 10	<b>XTR E</b>	Chisel tip, (1 piece) (10 pieces)	5,9 mm	1,2 mm	34,5 mm
T005 44 728 99 T005 44 728 10	<b>XTR M</b>	Chisel tip, (1 piece) (10 pieces)	3,2 mm	1,2 mm	39,0 mm

## XHT Soldering Tip Series

### Soldering Tips for Soldering irons WP 200,WXP 200



Order-no.	Model	Description	Width A	Thickness B	
T005 44 804 99	<b>XHT C</b>	Chisel tip	3,2 mm	1,2 mm	
T005 44 801 99	<b>XHT D</b>	Chisel tip	5,0 mm	1,2 mm	
T005 44 802 99	<b>XHT E</b>	Chisel tip	7,6 mm	1,5 mm	
T005 44 805 99	<b>XHT F</b>	Chisel tip	9,3 mm	2,0 mm	
T005 44 803 99	<b>XHT</b>	Measuring tip			
T005 87 637 25		Barrel WP 200,WXP 200 Spare part			



## LT Soldering Tip Series

### Soldering Tips for Soldering irons WP 80, WSP 80, MPR 80 and FE 75, TCP-Soldering irons



Order-no.	Model	Description	Width A	Thickness B	max.Length L	
T005 44 494 99 T005 44 494 10	<b>LT 1SC</b>	Chisel tip, (1 piece) (10 pieces)	0,4 mm	0,15 mm	15,0 mm	
T005 44 497 99	<b>LT 1SCNW</b>	Chisel tip, (1 piece),chrome	0,3 mm	0,1 mm	15,0 mm	
T005 44 440 99 T005 44 440 10 T005 44 403 11	<b>LT A</b>	Chisel tip,(1 piece) (10 pieces) (100 pieces)	1,6 mm	0,7 mm	13,5 mm	
T005 44 516 11	<b>LT ASL</b>	Chisel tip, flat 30° (100 pieces)	1,6 mm	0,45 mm	13,5 mm	
T005 44 405 99 T005 44 405 10 T005 44 405 11	<b>LT B</b>	Chisel tip,(1 piece) (10 pieces) (100 pieces)	2,4 mm	0,8 mm	13,5 mm	
T005 44 517 11	<b>LT BSL</b>	Chisel tip, flat 30° (100 pieces)	2,4 mm	0,45 mm	13,5 mm	
T005 44 437 99 T005 44 437 10 T005 44 412 11	<b>LT H</b>	Chisel tip,(1 piece) (10 pieces) (100 pieces)	0,8 mm	0,4 mm	13,5 mm	
T005 44 518 11	<b>LT HSL</b>	Flacher Meißel 30° (100 pieces)	0,8 mm	0,4 mm	13,5 mm	
T005 44 407 99 T005 44 407 10 T005 44 407 11	<b>LT C</b>	Chisel tip, (1 piece) (10 pieces) (100 pieces)	3,2 mm	0,8 mm	13,5 mm	
T005 44 409 99 T005 44 409 10 T005 44 409 11	<b>LT D</b>	Chisel tip, (1 piece) (10 pieces) (100 pieces)	4,6 mm	0,8 mm	13,5 mm	
T005 44 448 99 T005 44 448 10	<b>LT DLL</b>	Chisel tip, (1 piece) (10 pieces)	4,6 mm	0,8 mm	13,5 mm	
T005 44 438 99 T005 44 438 10 T005 44 413 11	<b>LT K</b>	Chisel tip long, (1 piece) (10 pieces) (100 pieces)	1,2 mm	0,4 mm	21,0 mm	
T005 44 414 99 T005 44 414 10 T005 44 414 11	<b>LT L</b>	Chisel tip long, (1 piece) (10 pieces) (100 pieces)	2,0 mm	1,0 mm	21,0 mm	
T005 44 415 99 T005 44 415 10 T005 44 415 11	<b>LT M</b>	Chisel tip long, (1 piece) (10 pieces) (100 pieces)	3,2 mm	1,2 mm	21,0 mm	

# Soldering Tips



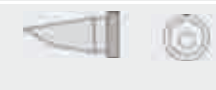


Continuation page 165, further soldering tips for WP 80,WSP 80,MPR 80 and FE 75

Order-no.	Model	Description	Width A	Thickness B	max.Length L	
T005 44 420 99 T005 44 420 11	<b>LT HX</b>	Chisel tip bent 30°, (1 piece) (100 pieces)	0,8 mm	0,4 mm	18,0 mm	
T005 44 443 99 T005 44 443 10	<b>LT ALX</b>	Chisel tip bent 30°, (1 piece) (10 pieces)	1,6 mm	0,7 mm	18,0 mm	
T005 44 442 99 T005 44 442 10	<b>LT BX</b>	Chisel tip bent 30°, (1 piece) (10 pieces)	2,4 mm	0,8 mm	18,0 mm	
T005 44 427 99 T005 44 427 10	<b>LT AX</b>	Chisel tip bent 30°, (1 piece) (10 pieces)	1,6 mm	0,8 mm	13,5 mm	
T005 44 428 99 T005 44 428 10	<b>LT 4X</b>	Chisel tip bent 30°, (1 piece) (10 pieces)	1,2 mm	0,4 mm	16,5 mm	
T005 44 469 99	<b>LT MX</b>	Chisel tip bent 30°,(1 piece)	3,2 mm	0,8 mm	19,3 mm	
T005 44 436 99 T005 44 402 11	<b>LT 1S</b>	Round tip slim,(1 piece) (100 pieces)	Ø 0,2 mm		15,0 mm	
T005 44 496 99	<b>LT 1SNW</b>	Round tip slim,chrome, unwetable,(1 piece)	Ø 1,0 mm			
T005 44 488 99	<b>LT 1SA</b>	Round tip slim, (1 piece)	Ø 0,5 mm		16,0 mm	
T005 44 435 99 T005 44 435 10 T005 44 401 11	<b>LT 1</b>	Round tip,(1 piece) (10 pieces) (100 pieces)	Ø 0,25 mm		14,0 mm	
T005 44 498 99	<b>LT 1NW</b>	Unwetable, chrome, (1 piece)				
T005 44 489 99 T005 44 489 10 T005 44 489 11	<b>LT 1A</b>	Round tip, (1 piece) (10 pieces) (100 pieces)	Ø 0,5 mm		14,0 mm	
T005 44 404 99 T005 44 404 10 T005 44 404 11	<b>LT AS</b>	Round tip, (1 piece) (10 pieces) (100 pieces)	Ø 1,6 mm		13,5 mm	
T005 44 411 99 T005 44 411 10	<b>LT CS</b>	Round tip, (1 piece) (10 pieces)	Ø 3,2 mm		13,5 mm	
T005 44 426 99 T005 44 426 10	<b>LT 1SLX</b>	Round tip, slim bent 30°, (1 piece) (10 pieces)	Ø 2,0 mm	Ø 0,4 mm	20,5 mm	
T005 44 425 99 T005 44 425 10	<b>LT 1X</b>	Round tip bent 30°, (1 piece) (10 pieces)	Ø 0,4 mm		12,5 mm	





Continuation page 165/166, further soldering tips for WP 80, WSP 80, MPR 80 and FE 75

Order-no.	Model	Description	Width A	Thickness B	max.Length L	
T005 44 439 99 T005 44 439 10 T005 44 421 11	<b>LT 4</b>	Round tip sloped 45°, (1 piece) (10 pieces) (100 pieces)	Ø 1,2 mm		15,0 mm	
T005 44 408 99 T005 44 408 10 T005 44 408 11	<b>LT F</b>	Round tip sloped 45°, (1 piece) (10 pieces) (100 pieces)	Ø 1,2 mm		13,5 mm	
T005 44 487 99 T005 44 487 10	<b>LT AA60</b>	Round tip sloped 60°, (1 piece) (10 pieces)	1,6 mm	4,0 mm	13,0 mm	
T005 44 444 99 T005 44 444 10	<b>LT BB60</b>	Round tip sloped 60°, (1 piece) (10 pieces)	2,4 mm	4,0 mm	18,0 mm	
T005 44 484 99	<b>LT BB45</b>	Round tip sloped 45°, (1 piece)	2,4 mm			
T005 44 445 99 T005 44 445 10	<b>LT CC60</b>	Round tip sloped 60°, (1 piece) (10 pieces)	3,2 mm	6,0 mm	18,0 mm	
T005 44 485 99	<b>LT CC45</b>	Round tip sloped 45°, (1 piece)	3,2 mm			
T005 44 478 99 T005 44 478 10	<b>LT DD45</b>	Round tip sloped 45°, (1 piece) (10 pieces)	4,0 mm	6,0 mm	20,0 mm	
T005 44 486 99 T005 44 486 10 T005 44 486 11	<b>LT DD45</b>	Round tip sloped 45°, (1 piece) (10 pieces) (100 pieces)	4,6 mm			
T005 44 423 99 T005 44 423 10 T005 44 423 11	<b>LT 1L</b>	Conical long, (1 piece) (10 pieces) (100 pieces)	Ø 0,2 mm		26,4 mm	
T005 44 498 99	<b>LT 1LNW</b>	Conical long,chrome, unwetable, (1 piece)	Ø 0,1 mm			
T005 44 406 99 T005 44 406 10 T005 44 406 11	<b>LT 1S</b>	Conical long, (1 piece) (10 pieces) (100 pieces)	Ø 0,4 mm		21,0 mm	
T005 44 482 99 T005 44 482 10 T005 44 482 11	<b>LT T</b>	Conical long, (1 piece) (10 pieces) (100 pieces)	Ø 0,6 mm		13,0 mm	
T005 44 481 99 T005 44 481 10 T005 44 481 11	<b>LT O</b>	Conical long, (1 piece) (10 pieces) (100 pieces)	Ø 0,8 mm		17,0 mm	

# Soldering Tips


Continuation page 165/166, further Soldering Tips for WP 80, WSP 80, MPR 80 and FE 75

Order-no.	Model	Description	Width A	Thickness B	max.Length L	
T005 44 424 99 T005 44 424 10 T005 44 424 11	<b>LT 1LX</b>	Conical long bent, (1 piece) (10 pieces) (100 pieces)	Ø 0,2 mm		26,4 mm	 
T005 44 410 99 T005 44 410 10 T005 44 410 11	<b>LT GW</b>	Gullwing tip 45°, (1 piece) (10 pieces) (100 pieces)	Ø 2,3 mm	3,2 mm	18,8 mm	 
T005 44 511 99 T005 44 511 10	<b>LT GW</b>	Gullwing tip 45°,(1 piece) (10 pieces)	Ø 3,5 mm	4,8 mm	18,8 mm	
T005 44 479 99 T005 44 479 10	<b>LT KN</b>	Knife tip,(1 piece) (10 pieces)	2,0 mm		16,5 mm	 
T005 44 519 99	<b>LT K</b>	Gullwing tip 45°,(1 piece)	Ø 2,0 mm		16,5 mm	
T005 44 416 99		LT Measuring tip for Thermoelement, Ø 0,5 mm (1 piece)			13,0 mm	
T005 44 449 99		LT Screw with M4 outside thread (1 piece)			8,0 mm	
T005 44 495 99		LT Soldering tip set with 40 different LT tips				
T005 87 207 81		ET-LT Adapter Soldering tips of the LT series fit with the adapter to soldering iron LR 21.				



## MT-LT Adapter



All TCP, LR 21 soldering irons are delivered with adapter.

Order-no.	Description	
T005 44 121 99	MT-LT Adapter for use with LT soldering tip series (see page 87)	
T005 87 207 95	Barrel for MT-LT Adapter	

**Caution:** Not qualified for lead free solder bath or other electronic solder.

Soldering tips for high melting solder for WP 80, WSP 80, MPR 80 and FE 75






Order-no.	Model	Description	Width A	Thickness B	Length L	
T005 44 430 99 T005 44 430 10	<b>LT H HPB</b>	Chisel tip, (1 piece) (10 pieces)	0,8 mm	0,4 mm	13,5 mm	 
T005 44 431 99 T005 44 431 10	<b>LT A HPB</b>	Chisel tip, (1 piece) (10 pieces)	1,6 mm	0,7 mm	13,5 mm	
T005 44 432 99 T005 44 432 10	<b>LT B HPB</b>	Chisel tip, (1 piece) (10 pieces)	2,4 mm	0,8 mm	13,5 mm	
T005 44 483 99	<b>LT D HPB</b>	Chisel tip, (1 piece)	4,6 mm	0,8 mm	13,5 mm	
* for HPB solder = solder with high consumption of lead						

# Soldering Tips



- For a quick change of hot soldering tips for soldering irons WP 80 / WSP 80.

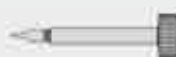

## Barrel

Order-no.	Description	
T005 87 447 10	Barrel for WSP 80 spare part	
T005 87 448 45	Barrel short (40 mm) for WP 80, spare part, (standard for WP 80)	
T005 87 448 46	Barrel long (55 mm) for WP 80, spare part	




- For WSP 80, WSP 80IG and WP 80, WP 120, WP 120 IG, WXP 120, barrel and screw M4 has to be ordered separately.

## SMD Soldering Tip Series

Order-no.	Model	Description	Width A	Thickness B	Length L	
T005 44 501 99	<b>SMT01</b>	for PAD-Cleaning	10,4 mm	0,6 mm	7,1 mm	
T005 44 429 99	<b>SMT</b>	for PAD-Cleaning	10,5 mm	0,6 mm	7,5 mm	
T005 44 502 99	<b>SMT02</b>	for PAD-Cleaning	16,8 mm	0,6 mm	7,1 mm	
T005 44 503 99	<b>SMT03</b>	for PAD-Cleaning	20,8 mm	0,6 mm	7,1 mm	
T005 44 467 89	<b>SMT</b>	for PAD-Cleaning	35,0 mm	3,0 mm	4,0 mm	
T005 44 504 99	<b>SMT04</b>	for Chip	1,8 mm	3,4 mm	1,8 mm	
T005 44 505 99	<b>SMT05</b>	for Chip	1,5 mm	2,3 mm	1,8 mm	
T005 44 506 99	<b>SMT06</b>	for Chip	2,5 mm	1,7 mm	1,4 mm	
T005 44 507 99	<b>SMT07</b>	for Chip	2,3 mm	4,5 mm	1,8 mm	
T005 44 508 99	<b>SMT08</b>	for DIP	4,6 mm	5,1 mm	2,3 mm	
T005 44 509 99	<b>SMT09</b>	for DIP	10,4 mm	5,1 mm	2,3 mm	
T005 44 510 99	<b>SMT10</b>	for DIP	11,5 mm	6,9 mm	2,3 mm	



## SMT Adapter + Tips for LR 21, WP 80, WSP 80, WSP 80FE, WSP 80IG and MPR 80

Order-no.	Model	Description
T005 44 417 99	<b>SMT</b>	SMT Adapter for WSP 80 
SMTA	<b>SMTA</b>	SMT Adapter for LR 21
SMT0504A	<b>SMT0504A</b>	A/1, for components 1,0 x 1,2 mm, 12 x 1,0 mm, 1,2 x 1,2 mm, 1,6 x 0,8 mm
SMT1206D	<b>SMT1206D</b>	D/1, for components 3,2 x 1,6 mm, 3,2 x 2,5 mm
SMT8K	<b>SMT8K</b>	K/2, for components 5,0 x 4,0 mm



■ For use with soldering robot application with heating element HER 80

## LT Soldering Tips with twist lock

Order-no.	Model	Description	Width A	Thickness B	Length L
T005 44 441 99 T005 44 441 10	<b>LTR A</b>	Chisel tip (1 piece) (10 pieces)	1,6 mm	0,8 mm	17,0 mm
T005 44 422 99 T005 44 422 10 T005 44 422 71	<b>LTR B</b>	Chisel tip 1,5 mm wetable (1 piece) (10 pieces) (1 piece)	2,4 mm	0,8 mm	17,0 mm
T005 44 433 99 T005 44 433 10	<b>LTR C</b>	Chisel tip (1 piece) (10 pieces)	3,2 mm	0,8 mm	17,0 mm

Special tips on request



# Soldering Tips

## LHT Soldering Tip Series

### Soldering Tips for Soldering irons WSP 150



Order-no.	Model	Description	Width A	Thickness B		
T005 44 455 99	<b>LHT C</b>	Chisel tip	3,2 mm	1,2 mm		
T005 44 452 99	<b>LHT D</b>	Chisel tip	4,7 mm	1,8 mm		
T005 44 451 99	<b>LHT E</b>	Chisel tip	6,7 mm	1,8 mm		
T005 44 450 99	<b>LHT F</b>	Chisel tip	9,3 mm	1,8 mm		
T005 44 513 99	<b>LHT CX</b>	Chisel tip bent	3,2 mm	1,2 mm		
T005 44 462 99	<b>LHT DX</b>	Chisel tip bent	5,0 mm	2,0 mm		
T005 44 461 99	<b>LHT EX</b>	Chisel tip bent	7,0 mm	2,0 mm		
T005 44 460 99	<b>LHT FX</b>	Chisel tip bent	9,2 mm	2,0 mm		
T005 44 456 99	<b>LHT D 45°</b>	Sloped 45° for solar cell production		1,8 mm		
T005 44 454 99		LHT Screw in tip with outside thread M6				
T005 44 453 99		LHT Measuring tip for thermoelement Ø 0,5 mm				
T005 87 447 95		Box nut WSP 150				



## ET Soldering Tip Series

### Soldering Tips for Soldering irons LR 21

Order-no.	Model	Description	Width A	Thickness B	
4ETS	<b>ET S</b>	Longform Conical	Ø 0,4 mm		
4ETO	<b>ET O</b>	Longform Conical	Ø 0,8 mm		
4ETR	<b>ET R</b>	Chisel tip slim	1,6 mm	0,7 mm	
4ETH	<b>ET H</b>	Chisel tip	0,8 mm	0,4 mm	
4ETA	<b>ET A</b>	Chisel tip	1,6 mm	0,7 mm	
4ETB	<b>ET B</b>	Chisel tip	2,4 mm	0,8 mm	
4ETC	<b>ET C</b>	Chisel tip	3,2 mm	0,8 mm	
4ETD	<b>ET D</b>	Chisel tip	4,6 mm	0,8 mm	
4ETE	<b>ET E</b>	Chisel tip	5,6 mm	1,2 mm	
4ETK	<b>ET K</b>	Chisel tip long	1,2 mm	0,4 mm	
4ETL	<b>ET L</b>	Chisel tip long	2,0 mm	1,0 mm	
4ETM	<b>ET M</b>	Chisel tip long	3,2 mm	1,2 mm	
4ETF	<b>ET F</b>	Round tip sloped 45°	Ø 1,2 mm		
4ETBB	<b>ET BB</b>	Round tip sloped 45°	Ø 2,4 mm		
4ETCC	<b>ET CC</b>	Round tip sloped 45°	Ø 3,2 mm		
4ETP	<b>ET P</b>	Round tip blunt	Ø 0,8 mm		
4ETBS	<b>ET BS</b>	Round tip blunt	Ø 2,4 mm		
4ETCS	<b>ET CS</b>	Round tip blunt	Ø 3,2 mm		
T005 41 039 99	<b>ET SMD</b>	Chip soldering / desoldering tip, component size 2,5 mm x 1,5 mm			
T005 41 040 99	<b>ET SMD</b>	Chip soldering / desoldering tip, component size 3,8 mm x 1,5 mm			
T005 41 045 99	<b>ET GW</b>	Gullwing tip			
T005 41 703 99		Screw in tip with M5 outside thread			
T005 24 750 99		ET Measuring tip for thermoelement Ø 0,5 mm			
T005 10 311 99		Barrel			

## ET-LT Adapter

Soldering tips of the LT series are used with an adapter in the soldering iron LR 21.

Order-no.	Model	Description	
T005 87 207 81		ET-LT Adaptor with barrel for use with LT series tips with LR 21 and FE 50 soldering irons	
T005 87 207 94		Spare barrel for ET-LT Adapter	

# Soldering Tips

## HT Soldering Tip Series



### Soldering Tips for Soldering irons LR 82 and FE 80

Order-no.	Model	Description	Width A	Thickness B	
T005 44 260 99	<b>HT 1</b>	Chisel tip	3,2 mm	1,0 mm	
T005 44 261 99	<b>HT 2</b>	Chisel tip	5,2 mm	1,2 mm	
T005 44 262 99	<b>HT 3</b>	Chisel tip	7,0 mm	1,2 mm	
T005 44 267 99	<b>HT C</b>	Chisel tip long	3,2 mm	1,0 mm	
T005 44 268 99	<b>HT D</b>	Chisel tip long	4,6 mm	1,0 mm	
T005 44 269 99	<b>HT E</b>	Chisel tip long	5,6 mm	1,0 mm	
T005 44 264 99	<b>HT BS</b>	Round tip	Ø 2,4 mm		
T005 44 265 99	<b>HT CS</b>	Round tip	Ø 3,2 mm		
T005 44 266 99	<b>HT DS</b>	Round tip	Ø 5,0 mm		
T005 44 270 99		HT Screw in tip with outside thread M8nde			
T005 44 263 99		HT Measuring tip for thermoelement Ø 0,5 mm			
T005 26 202 99		Barrel			

## WTA Soldering Tip Series

### Spitzensets for WTA 50



Order-no.	Model	Description	Width A	Thickness B	
T005 44 145 99	<b>WTA 1S</b>	Tip set bent 45°	0,5 mm	0,5 mm	
T005 44 141 99	<b>WTA 1</b>	Tip set bent 45°	1,0 mm	0,5 mm	
T005 44 146 99	<b>WTA 2</b>	Tip set bent 45°	3,0 mm	0,5 mm	
T005 44 147 99	<b>WTA 3</b>	Tip set bent 45°	6,0 mm	0,5 mm	
T005 44 143 99	<b>WTA 4</b>	Tip set bent 45°	12,5 mm	0,5 mm	
T005 44 144 99	<b>WTA 5</b>	Tip set bent 45°	18,5 mm	0,5 mm	
T005 44 152 99	<b>WTA 11</b>	Tip set for vertikalen Einsatz	1,0 mm	0,5 mm	
T005 44 153 99	<b>WTA 12</b>	Tip set for vertikalen Einsatz	3,0 mm	0,5 mm	
T005 44 149 99		WT Measuring tip for thermoelement Ø 0,5 mm			






## PT Soldering Tip Series

### Soldering Tips for TCPS, TCP 12, TCP 24

Order-no.	Model	Description	Width A	Dicke B	
4PTR7	<b>PT R7</b>	Chisel tip slim 370°C	1,6 mm	0,7 mm	
4PTR8	<b>PT R8</b>	Chisel tip slim 425°C	1,6 mm	0,7 mm	
4PTH6	<b>PT H6</b>	Chisel tip 310°C	0,8 mm	0,4 mm	
4PTH7	<b>PT H7</b>	Chisel tip 370°C	0,8 mm	0,4 mm	
4PTH8	<b>PT H8</b>	Chisel tip 425°C	0,8 mm	0,4 mm	
4PTA6	<b>PT A6</b>	Chisel tip 310°C	1,6 mm	0,7 mm	
4PTA7	<b>PT A7</b>	Chisel tip 370°C	1,6 mm	0,7 mm	
4PTA8	<b>PT A8</b>	Chisel tip 425°C	1,6 mm	0,7 mm	
4PTB6	<b>PT B6</b>	Chisel tip 310°C	2,4 mm	0,8 mm	
4PTB7	<b>PT B7</b>	Chisel tip 370°C	2,4 mm	0,8 mm	
4PTB8	<b>PT B8</b>	Chisel tip 425°C	2,4 mm	0,8 mm	
4PTB9	<b>PT B9</b>	Chisel tip 480°C	2,4 mm	0,8 mm	
4PTC7	<b>PT C7</b>	Chisel tip 370°C	3,2 mm	0,8 mm	
4PTC8	<b>PT C8</b>	Chisel tip 425°C	3,2 mm	0,8 mm	
4PTC9	<b>PT C9</b>	Chisel tip 480°C	3,2 mm	0,8 mm	
4PTD7	<b>PT D7</b>	Chisel tip 370°C	4,6 mm	0,8 mm	
4PTD8	<b>PT D8</b>	Chisel tip 425°C	4,6 mm	0,8 mm	
4PTD9	<b>PT D9</b>	Chisel tip 480°C	4,6 mm	0,8 mm	
4PTE8	<b>PT E8</b>	Chisel tip 425°C	5,6 mm	1,2 mm	
4PTE9	<b>PT E9</b>	Chisel tip 480°C	5,6 mm	1,2 mm	
4PTK6	<b>PT K6</b>	Chisel tip long 310°C	1,2 mm	0,4 mm	
4PTK7	<b>PT K7</b>	Chisel tip long 370°C	1,2 mm	0,4 mm	
4PTK8	<b>PT K8</b>	Chisel tip long 425°C	1,2 mm	0,4 mm	
4PTL6	<b>PT L6</b>	Chisel tip long 310°C	2,0 mm	1,0 mm	
4PTL7	<b>PT L7</b>	Chisel tip long 370°C	2,0 mm	1,0 mm	
4PTL8	<b>PT L8</b>	Chisel tip long 425°C	2,0 mm	1,0 mm	
4PTM7	<b>PT M7</b>	Chisel tip long 370°C	3,2 mm	1,2 mm	
4PTM8	<b>PT M8</b>	Chisel tip long 425°C	3,2 mm	1,2 mm	
4PTM9	<b>PT M9</b>	Chisel tip long 480°C	3,2 mm	1,2 mm	
T005 41 307 99	<b>PT MX7</b>	Chisel tip bent, 1 side wettable 370°C	3,2 mm	1,2 mm	
4PTCS7	<b>PT CS7</b>	Round tip 370°C	Ø 3,2 mm		
4PTDS7	<b>PT DS7</b>	Round tip 370°C	Ø 5,0 mm		
4PTS7	<b>PT S7</b>	Round tip long 370°C	Ø 0,4 mm		
4PTS8	<b>PT S8</b>	Round tip long 425°C	Ø 0,4 mm		
4PTO6	<b>PT O6</b>	Round tip long 310°C	Ø 0,8 mm		
4PTO7	<b>PT O7</b>	Round tip long 370°C	Ø 0,8 mm		
4PTO8	<b>PT O8</b>	Round tip long 425°C	Ø 0,8 mm		

# Soldering Tips

Continuation page 175, further soldering tips for TCPS, TCP 12, TCP 24


Order-no.	Model	Description	Width A	Thickness B
4PTF7	<b>PT F7</b>	Round tip sloped 370°C	Ø 1,2 mm	
4PTF8	<b>PT F8</b>	Round tip sloped 425°C	Ø 1,2 mm	
4PTAA7	<b>PT AA7</b>	Round tip sloped 370°C	Ø 1,6 mm	
4PTAA8	<b>PT AA8</b>	Round tip sloped 425°C	Ø 1,6 mm	
4PTAA9	<b>PT AA9</b>	Round tip sloped 480°C	Ø 1,6 mm	
4PTBB7	<b>PT BB7</b>	Round tip sloped 370°C	Ø 2,4 mm	
4PTBB8	<b>PT BB8</b>	Round tip sloped 425°C	Ø 2,4 mm	
4PTBB9	<b>PT BB9</b>	Round tip sloped 480°C	Ø 2,4 mm	
4PTCC7	<b>PT CC7</b>	Round tip sloped 370°C	Ø 3,2 mm	
4PTCC8	<b>PT CC8</b>	Round tip sloped 425°C	Ø 3,2 mm	
4PTCC9	<b>PT CC9</b>	Round tip sloped 480°C	Ø 3,2 mm	
4PTDD7	<b>PT DD7</b>	Round tip sloped 370°C	Ø 5,0 mm	
4PTDD8	<b>PT DD8</b>	Round tip sloped 425°C	Ø 5,0 mm	
4PTDD9	<b>PT DD9</b>	Round tip sloped 480°C	Ø 5,0 mm	

If other soldering tip dimensions are required, please use LT tips with the PT/LT adapter.



- Soldering tips of LT soldering tip series are used with an adapter in soldering iron TCPS, TCP 12 and TCP 24.
- All TCP and LR 21 soldering irons are delivered with the adapter.

## PT-LT Adapter for TCPS, TCP 12, TCP 24

Order-no.	Model	Description	
T005 87 207 86	<b>PT6-LT</b>	PT6-LT-adapter with barrel 310°C	
T005 87 207 87	<b>PT7-LT</b>	PT7-LT-adapter with barrel 370°C	
T005 87 207 88	<b>PT8-LT</b>	PT8-LT-adapter with barrel 425°C	
T005 87 207 89	<b>PT9-LT</b>	PT9-LT-adapter with barrel 480°C	
T005 87 207 94		Spare barrel for PT/LT adapter	

## CT5 Soldering Tip Series

### Soldering Tips for W 61

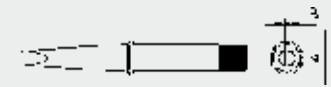
Order-no.	Model	Description	Width A	
4CT5A6	<b>CT5 A6</b>	Chisel tip 310°C	1,6 mm	
4CT5A7	<b>CT5 A7</b>	Chisel tip 370°C	1,6 mm	
4CT5A8	<b>CT5 A8</b>	Chisel tip 425°C	1,6 mm	
4CT5B7	<b>CT5 B7</b>	Chisel tip 370°C	2,4 mm	
4CT5B8	<b>CT5 B8</b>	Chisel tip 425°C	2,4 mm	
4CT5C6	<b>CT5 C6</b>	Chisel tip 310°C	3,2 mm	
4CT5C7	<b>CT5 C7</b>	Chisel tip 370°C	3,2 mm	
4CT5C8	<b>CT5 C8</b>	Chisel tip 425°C	3,2 mm	
4CT5D7	<b>CT5 D7</b>	Chisel tip 370°C	4,7 mm	
4CT5D8	<b>CT5 D8</b>	Chisel tip 425°C	4,7 mm	
T005 42 107 99	<b>CT5 AX7</b>	Chisel tip bent 370°C	1,6 mm	
T005 42 108 99	<b>CT5 AX8</b>	Chisel tip bent 425°C	1,6 mm	
T005 42 117 99	<b>CT5 BX7</b>	Chisel tip bent 370°C	2,4 mm	
T005 42 128 99	<b>CT5 CX8</b>	Chisel tip bent 425°C	3,2 mm	
T005 42 138 99	<b>CT5 DX8</b>	Chisel tip bent 425°C	5,0 mm	

# Soldering Tips

## CT6 Soldering Tip Series

### Soldering Tips for W 101

Order-no.	Model	Description	Width A
4CT6C7	<b>CT6 C7</b>	Chisel tip 370°C	3,2 mm
4CT6C8	<b>CT6 C8</b>	Chisel tip 425°C	3,2 mm
4CT6D7	<b>CT6 D7</b>	Chisel tip 370°C	5,0 mm
4CT6D8	<b>CT6 D8</b>	Chisel tip 425°C	5,0 mm
4CT6E7	<b>CT6 E7</b>	Chisel tip 370°C	7,0 mm
4CT6E8	<b>CT6 E8</b>	Chisel tip 425°C	7,0 mm
T005 42 307 99	<b>CT6 CX7</b>	Chisel tip bent 370°C	3,2 mm
T005 42 318 99	<b>CT6 DX8</b>	Chisel tip bent 425°C	5,0 mm



## Welding wedge

Order-no.	Description
T005 11 767 99	Welding wedge Teflon beschichtet, 50 x 40 x 4 mm (260°C–295°C) for W 101SP with twist lock
T005 11 767 74	Welding wedge PTFEcoated, 50 x 40 x 4 mm

## Adapter

For use with LHT tips (page xx) and soldering iron W 101

Order-no.	Model	Description
T005 61 046 67	<b>CT6-7</b>	Adapter for LHT tips, 370°
T005 61 046 68	<b>CT6-8</b>	Adapter for LHT tips, 425°
T005 61 046 69	<b>CT6-9</b>	Adapter for LHT tips, 480°



## CT2 Soldering Tip Series

### Soldering Tips for W 201

Order-no.	Model	Description	Width A
T005 42 407 99	<b>CT2 E7</b>	Chisel tip 370°C	7,0 mm
T005 42 408 99	<b>CT2 E8</b>	Chisel tip 425°C	7,0 mm
T005 42 417 99	<b>CT2 F7</b>	Chisel tip 370°C	10,0 mm
T005 42 418 99	<b>CT2 F8</b>	Chisel tip 425°C	10,0 mm
T005 42 428 99	<b>CT2 G8</b>	Chisel tip 425°C	11,0 mm
T005 42 507 99	<b>CT2 EX7</b>	Chisel tip bent 370°C	7,0 mm
T005 42 508 99	<b>CT2 EX8</b>	Chisel tip bent 425°C	7,0 mm
T005 42 517 99	<b>CT2 FX7</b>	Chisel tip bent 370°C	10,0 mm
T005 42 518 99	<b>CT2 FX8</b>	Chisel tip bent 425°C	10,0 mm

## SPI Soldering Tip Series

### Soldering tips for soldering iron SPI 16

Order-no.	Model	Description	Width A
4SPI15 210	<a href="#">SPI15 210</a>	Needle tip	0,4 mm
4SPI15 213	<a href="#">SPI15 213</a>	Needle tip	0,8 mm
4SPI15 212	<a href="#">SPI15 212</a>	Chisel tip	1,2 mm
4SPI15 211	<a href="#">SPI15 211</a>	Chisel tip	2,0 mm

### Soldering tips for soldering iron SPI 27

Order-no.	Model	Description	Width A
4SPI26206	<a href="#">SPI26 206</a>	Chisel tip	1,2 mm
4SPI26200	<a href="#">SPI26 200</a>	Chisel tip	2,0 mm
4SPI26201	<a href="#">SPI26 201</a>	Chisel tip	3,0 mm

### Soldering tips for soldering iron SPI 41

Order-no.	Model	Description	Width A
4SPI40224	<a href="#">SPI40 224</a>	Chisel tip	2,0 mm
4SPI40225	<a href="#">SPI40 225</a>	Chisel tip	3,0 mm
4SPI40220	<a href="#">SPI40 220</a>	Chisel tip	5,0 mm
4SPI40226	<a href="#">SPI40 226</a>	Chisel tip bent	2,0 mm

### Soldering tips for soldering iron SPI 81

Order-no.	Model	Description	Width A
4SPI80234	<a href="#">SPI80 234</a>	Chisel tip	3,0 mm
4SPI80235	<a href="#">SPI80 235</a>	Chisel tip	5,0 mm
4SPI80230	<a href="#">SPI80 230</a>	Chisel tip	7,0 mm
4SPI80231	<a href="#">SPI80 231</a>	Chisel tip	9,5 mm
4SPI80237	<a href="#">SPI80 237</a>	Chisel tip bent	5,0 mm
4SPI80232	<a href="#">SPI80 232</a>	Chisel tip bent	7,0 mm



## Soldering Tips for WP 60

Order-no.	Model	Description	Width A	
T005 16 134 99	<b>60-01-05</b>	Needle tip	Ø 0,5 mm	
T005 16 443 99	<b>60-01-01</b>	Needle tip	Ø 1,0 mm	
T005 16 444 99	<b>60-01-02</b>	Chisel tip	2,4 mm	
T005 16 446 99	<b>60-01-04</b>	Chisel tip	5,0 mm	
T005 16 445 99	<b>60-01-03</b>	Round tip sloped 45°	Ø 2,0 mm	
T005 16 447 99	<b>60-01-52</b>	Hot air nozzle	Ø 4,7 mm	
T005 16 135 99	<b>60-01-06</b>	Knife 45°	5,0 mm	
T005 16 448 99	<b>60-07U</b>	Ejector unit		
T005 16 450 99	<b>60-02</b>	Protective cap for WP 60 (spare part)		

# Soldering Tips

## Soldering Tips for Pyropen Jr.

Order-no.	Model	Description	Width A	
T005 16 165 99	<b>71-01-01</b>	Needle tip	Ø 1,0 mm	
T005 16 166 99	<b>71-01-02</b>	Chisel tip	2,0 mm	
T005 16 161 99	<b>71-01-04</b>	Chisel tip	5,0 mm	
T005 16 167 99	<b>71-01-03</b>	Round tip sloped 45°	Ø 2,0 mm	
T005 16 168 99	<b>71-01-50</b>	Hot air nozzle	Ø 1,5 mm	
T005 16 169 99	<b>71-01-52</b>	Hot air nozzle	Ø 4,7 mm	
T005 16 172 99	<b>71-07U</b>	Ejector unit		





## Soldering Tips for Pyropen and Pyropen Piezo

Order-no.	Model	Description	Diameter Ø	Width A	
T005 16 120 99	<a href="#">70-01-01</a>	Needle tip	Ø 1,0 mm		
T005 16 124 99	<a href="#">70-01-05</a>	Needle tip extra slim	Ø 0,5 mm		
T005 16 129 99	<a href="#">70-01-10</a>	Needle tip bent 30°	Ø 1,0 mm		
T005 16 121 99	<a href="#">70-01-02</a>	Chisel tip		3,0 mm	
T005 16 132 99	<a href="#">70-01-13</a>	Chisel tip		5,0 mm	
T005 16 130 99	<a href="#">70-01-11</a>	Chisel tip		7,7 mm	
T005 16 122 99	<a href="#">70-01-03</a>	Round tip sloped	Ø 2,0 mm		
T005 16 123 99	<a href="#">70-01-04</a>	Round tip sloped	Ø 3,0 mm		
T005 16 125 99	<a href="#">70-01-06</a>	Round tip sloped, conical	Ø 2,0 mm		
T005 16 127 99	<a href="#">70-01-08</a>	Round tip sloped 35°	Ø 2,0 mm		
T005 16 140 99	<a href="#">70-01-50</a>	Hot air nozzle	Ø 1,7 mm		
T005 16 141 99	<a href="#">70-01-51</a>	Hot air nozzle	Ø 3,3 mm		
T005 16 142 99	<a href="#">70-01-52</a>	Hot air nozzle	Ø 4,9 mm		
T005 16 143 99	<a href="#">70-01-53</a>	Hot air nozzle	Ø 7,0 mm		
T005 16 151 99	<a href="#">70-07TU</a>	Ejector unit, not for Piezo			
T005 16 150 99	<a href="#">70-07SU</a>	Solder ejector, not for Piezo			
T005 16 159 99	<a href="#">70-01-55</a>	Reflector for heat shrinking	Ø 6,0 mm	18,0 mm	
T005 16 158 99	<a href="#">70-01-54</a>	Reflector for heat shrinking	Ø 8,0 mm	22,0 mm	

# Desoldering Nozzles

## DX Desoldering Nozzle serie



- The DX series tools feature a novel threadless desoldering nozzle fixture system whereby the nozzle is inserted into the head and locked into place by applying a 1/4 turn. This patented feature allows the desoldering nozzles to be quickly and easily exchanged and also improves the rate of thermal transfer from the desoldering head to the desoldering nozzle providing the tools with a faster heat up time and recovery rate. Additionally, because there are no threads in the head to foul, maintenance and costs are reduced.










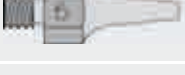


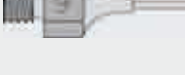


## Desoldering nozzles with threadless fixture system for DSX 80 and DXV 80

Order-no.	Model	Description	Outer Ø	Inner Ø	Nozzel Length	
T005 13 140 00 T005 13 140 10	<b>DX 110</b>	Nozzle (1 piece) (10 pieces)	1,9 mm	0,7 mm	25 mm	
T005 13 141 00 T005 13 141 10	<b>DX 111</b>	Nozzle (1 piece) (10 pieces)	2,5 mm	0,7 mm	25 mm	
T005 13 142 00 T005 13 142 10	<b>DX 112</b>	Nozzle (1 piece) (10 pieces)	2,3 mm	1,0 mm	25 mm	
T005 13 143 00 T005 13 143 10	<b>DX 113</b>	Nozzle (1 piece) (10 pieces)	2,5 mm	1,2 mm	25 mm	
T005 13 150 00 T005 13 150 10	<b>DX 113HM</b>	Nozzle (1 piece) for improved thermal transfer (10 pieces)	2,5 mm	1,2 mm	25 mm	
T005 13 144 00 T005 13 144 10	<b>DX 114</b>	Nozzle (1 piece) (10 pieces)	3,3 mm	1,8 mm	25 mm	
T005 13 145 00 T005 13 145 10	<b>DX 115</b>	Nozzle (1 piece) (10 pieces)	1,9 mm	0,7 mm	29 mm	
T005 13 146 00 T005 13 146 10	<b>DX 116</b>	Nozzle (1 piece) (10 pieces)	2,7 mm	1,2 mm	29 mm	
T005 13 147 00 T005 13 147 10	<b>DX 117</b>	Nozzle (1 piece) (10 pieces)	2,9 mm	1,5 mm	25 mm	
T005 13 148 00 T005 13 148 10	<b>DX 118</b>	Nozzle (1 piece) (10 pieces)	1,5 mm	0,7 mm	23 mm	
T005 13 151 00 T005 13 151 10	<b>DX 119</b>	Needle triplet (1 piece) with unwetable stainless steel tube for removal of solder bridges in connection wiht hot air pencil (10 pieces)	1,1 mm	0,7 mm	33 mm	
T005 13 152 00 T005 13 152 10	<b>DX 120</b>	Nozzle (1 piece) without inside tube for cleaning SMD pads. (10 pieces)	2,5 mm	1,1 mm	22 mm	
T005 13 153 99		Measuring nozzle	3,3 mm	0,55 mm	21,5 mm	
T005 87 067 94		Conus insert cleaning tool				
T005 13 790 99		Nozzle -Set DX 110 - DX 115				



## DS Desoldering nozzles

### Desoldering nozzles with thread for DS 22, DS 80 and DSV 80



Order-no.	Model	Description	Outer Ø	Inner Ø	Nozzel Length	
T005 13 510 00*	<b>DS 110</b>	Nozzle	1,9 mm	0,7 mm	18 mm	
T005 13 532 00*	<b>DS 110HM</b>	Nozzle with improved heat transfer	1,9 mm	0,7 mm	18 mm	
T005 13 511 00*	<b>DS 111</b>	Nozzle	2,5 mm	0,7 mm	18 mm	
T005 13 512 00*	<b>DS 112</b>	Nozzle	2,3 mm	1,0 mm	18 mm	
T005 13 533 00*	<b>DS 112HM</b>	Nozzle with improved heat transfer	1,9 mm	0,9 mm	18 mm	
T005 13 513 00*	<b>DS 113</b>	Nozzle	2,5 mm	1,2 mm	18 mm	
T005 13 530 00*	<b>DS 113HM</b>	Nozzle with improved heat transfer	2,5 mm	1,2 mm	18 mm	
T005 13 514 00*	<b>DS 114</b>	Nozzle	3,3 mm	1,8 mm	18 mm	
T005 13 515 00*	<b>DS 115</b>	Nozzle	1,9 mm	0,7 mm	24,5 mm	
T005 13 516 00*	<b>DS 116</b>	Nozzle	2,7 mm	1,2 mm	24,5 mm	
T005 13 550 00*	<b>DS 117</b>	Nozzle	2,9 mm	1,5 mm	18 mm	
T005 13 551 00*	<b>DS 118</b>	Nozzle	1,5 mm	0,7 mm	18 mm	
T005 13 527 00*	<b>DS 119</b>	Needle triplet with unwettable stainless steel tube for removal of solder bridges in connection with hot air pencil	1,9 mm	0,7 mm	26 mm	
T005 13 552 00*	<b>DS 120</b>	Nozzle without inside tube, for cleaning SMD pads	2,5 mm	1,1 mm	15,5 mm	
T005 24 749 99*		Measuring nozzle	3,3 mm	0,55 mm	18 mm	
T005 13 770 99*		Nozzle-Set DS 110 - DS 115				

\*Discontinuation

# Desoldering Nozzles



## Cleaning set for DS + DSX nozzles

Order-no.	Description	
T005 13 500 99	<b>Cleaning set complete</b> for cleaning desoldering nozzles and for nozzle exchange	
<b>consists of:</b>		
T005 87 488 61	Handle	
T005 13 501 99	Replacement needle set 0,6 mm / 0,9 mm / 1,4 mm / 1,9 mm	
<b>consists of:</b>		
T005 13 502 99	Replacement needle set je 1 x 1,9 mm,3 x 0,9 mm	
T005 13 503 99	Replacement needle set ,je 1 x 1,9 mm,3 x 0,5 mm	



## XDS Desoldering nozzle series

### Desoldering nozzles for WXDP







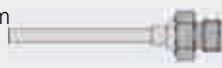







Order-no.	Model	Description	Outer Ø	Innenr Ø	Nozzel Length
T005 13 250 99 T005 13 250 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	1,4 mm	2,5 mm	10,5 mm
T005 13 251 99 T005 13 251 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	3,0 mm	5,3 mm	10,5 mm
T005 13 252 99 T005 13 252 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	1,0 mm	2,3 mm	10,5 mm
T005 13 253 99 T005 13 253 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	1,2 mm	2,5 mm	10,5 mm
T005 13 254 99 T005 13 254 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	1,8 mm	3,3 mm	10,5 mm
T005 13 255 99 T005 13 255 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	0,7 mm	1,9 mm	16,5 mm
T005 13 256 99 T005 13 256 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	1,2 mm	2,7 mm	16,5 mm
T005 13 257 99 T005 13 257 10	<b>XDS</b>	Nozzle (1 piece) (10 pieces)	1,5 mm	2,9 mm	10,5 mm
T005 13 258 99	<b>XDS</b>	Measuring tip (1 piece)			

# Hot Air Nozzles

## Hot air nozzles for HAP 1 and HAP 200



Order-no.	Model	Description	Width A	Thickness B	
T005 87 617 28		Adapter M6 for HAP 200			
T005 87 277 74	<b>F02</b>	Flat nozzle	8,0 mm	1,5 mm	
T005 87 277 73	<b>F04</b>	Flat nozzle	10,5 mm	1,5 mm	
T005 87 277 72	<b>F06</b>	Flat nozzle	12,0 mm	1,5 mm	

## Hot air nozzles for HAP 1 and HAP 200











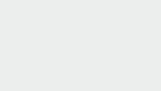





Order-no.	Model	Description	Diameter D	Distance C	Length C	
T005 87 278 23	<b>R02</b>	Round nozzle	Ø 0,8 mm			 
T005 87 278 21	<b>R04</b>	Round nozzle	Ø 1,2 mm			 
T005 87 278 22	<b>R06</b>	Round nozzle	Ø 3,0 mm			 
T005 87 277 87	<b>R10</b>	Round nozzle long	Ø 2,0 mm		50 mm	 
T005 87 277 86	<b>R08</b>	Round nozzle long bent	Ø 2,0 mm		50 mm	 
T005 87 277 76	<b>FD2</b>	Dual nozzle	Ø 1,5 mm	8 mm		 
T005 87 277 75	<b>FD4</b>	Dual nozzle	Ø 1,5 mm	10 mm		 



## Hot air nozzles for HAP 1 and HAP 200 2 sides heated (Type D, Length X = beheizte Seite)

Order-no.	Model	Description	Length X	Width Y		
T005 87 277 79	<b>D04</b>	Hot air nozzle, 2 sides heated with pre-heating plate	10,5 mm	10,5 mm		
T005 87 277 82	<b>D06</b>	Hot air nozzle, 2 sides heated with pre-heating plate	13,0 mm	10,0 mm		
T005 87 277 81	<b>D08</b>	Hot air nozzle, 2 sides heated with pre-heating plate	15,0 mm	10,0 mm		
T005 87 277 84	<b>D10</b>	Hot air nozzle, 2 sides heated with pre-heating plate	18,0 mm	10,0 mm		

## Hot air nozzles for HAP 1 and HAP 200 4 sides heated (Type Q)
















Order-no.	Model	Description	Length X	Width Y		
T005 87 277 77	<b>Q02</b>	Hot air nozzle, 4 sides heated	6,0 mm	6,5 mm		
T005 87 277 78	<b>Q04</b>	Hot air nozzle, 4 sides heated	6,0 mm	9,0 mm		
T005 87 277 80	<b>Q06</b>	Hot air nozzle, 4 sides heated with pre-heating plate	15,0 mm	10,0 mm		
T005 87 277 83	<b>Q08</b>	Hot air nozzle, 4 sides heated with pre-heating plate	12,5 mm	15,0 mm		
T005 87 278 12	<b>SK709</b>	Hot air nozzle, 4 sides heated with pre-heating plate	12,0 mm	12,0 mm		
T005 87 277 85	<b>Q10</b>	Hot air nozzle, 4 sides heated with pre-heating plate	18,0 mm	18,0 mm		
T005 87 278 08	<b>R01</b>	Measuring nozzle for calibration				

# Hot Air Nozzles



- The ND and NQ nozzles have an integrated pre-heating plate for pre-heating components by means of contact heat. Air outlet slots are located around the plate with a width of approx. 1 mm for the hot air.

## Hot air nozzles for HAP 3000 (WHA 3000P / V), HAP 2 (WHA 2000) and HAP 3 (WHA 700, WHA 300)

Order-no.	Model	Description	Diameter Ø		
T005 87 368 81	<b>NR04</b>	Round nozzle, without vacuum	Ø 2,5 mm		
T005 87 368 67	<b>NR05</b>	Round nozzle, without vacuum	Ø 4,0 mm		
T005 87 368 70	<b>NR10</b>	Round nozzle, without vacuum	Ø 7,0 mm		
T005 87 507 70	<b>NRV07</b>	Hot air nozzle with vacuum for small components	Ø 7,0 mm		
T005 87 507 72	<b>NRV10</b>	Hot air nozzle with vacuum for small components	Ø 10,0 mm		
T005 87 507 74	<b>NRV12</b>	Hot air nozzle with vacuum for small components	Ø 12 mm		
T005 87 368 82	<b>NR02</b>	Round nozzle, bent without vacuum	Ø 1,7 mm x 45°		
T005 87 507 65	<b>NR06</b>	Round nozzle, bent without vacuum	Ø 6,0 mm x 45°		
T005 87 368 83	<b>DR05</b>	Dual nozzle round, without vacuum	2 x Ø 2,5 mm	