

# Weller®

**WX**  
compatible



**WXP 65, WXP 80, WXP 90, WXP 120,  
WXP 200, WXMP (MS), WXMT (MS),  
WXDP 120, WXDP 120 Robust, WXDV 120**

- |   |   |
|---|---|
| <b>DE</b> Originalbetriebsanleitung                           | <b>CZ</b> Překlad původního návodu k používání      |
| <b>EN</b> Translation of the original instructions            | <b>PL</b> Tłumaczeniem instrukcji oryginalnej       |
| <b>ES</b> Traducción del manual original                      | <b>HU</b> Eredeti használati utasítás fordítása     |
| <b>FR</b> Traduction de la notice originale                   | <b>SK</b> Preklad pôvodného návodu na použitie      |
| <b>IT</b> Traduzione delle istruzioni originali               | <b>SL</b> Prevod izvirnih navodil                   |
| <b>PT</b> Tradução do manual original                         | <b>EE</b> Algupärase kasutusjuhendi tõlge           |
| <b>NL</b> Vertaling van de oorspronkelijke gebruiksaanwijzing | <b>LV</b> Instrukciju tulkojumam no oriģinālvalodas |
| <b>SV</b> Översättning av bruksanvisning i original           | <b>LT</b> Originalios instrukcijos vertimas         |
| <b>DK</b> Oversættelse af den originale brugsanvisning        | <b>BG</b> Превод на оригиналната инструкция         |
| <b>FI</b> Alkuperäisten ohjeiden käännös                      | <b>RO</b> Traducere a instructiunilor originale     |
| <b>GR</b> Μετάφραση του πρωτοτύπου των οδηγιών χρήσης         | <b>HR</b> Prijevod originalnih uputa                |
| <b>TR</b> Orijinal işletme talimatı çevirisi                  | <b>RU</b> Оригинальное руководство по эксплуатации  |

DE Lieferumfang  
 EN Included in delivery  
 ES Piezas suministradas  
 FR Fourniture  
 IT Dotazione  
 PT Fornecimento  
 NL Omvang van de levering  
 SV Leveransomfattning  
 DK Leveringsomfang  
 FI Toimitussisältö  
 GR Υλικό παράδοσης  
 TR Teslimat kapsamı

CZ Rozsah dodávky  
 PL Zakres dostawy  
 HU Szállítási terjedelem  
 SK Rozsah dodávky  
 SL Obseg pošiljke  
 EE Tarne sisu  
 LV Piegādes komplekts  
 LT Komplektas  
 HR Popratna oprema  
 BG Обем на доставката  
 RO Pachetul de livrare  
 RU Комплект поставки



## WXP 65

Tip type series XNT



T0052921199



**XNT A** 1,6 x 0,4 mm  
 T0054485199



**WDH 10**  
 T0051512199



T0051384199

## WXP 80

Tip type series LT



T0052920899



**LT B** 2,4 x 0,8 mm  
 T0054440599



**WDH 10**  
 T0051512199



T0051384199

## WXP 90

Tip type series XNT, THM



T0052922499



**XNT A** 1,6 x 0,4 mm  
 T0054485199



**WDH 51**  
 T0051517199



T0051384199

## WXP 120

Tip type series XT



T0052920199



**XT B** 2,4 x 0,8 mm  
 T0054470499



**WDH 10**  
 T0051512199



T0051384199

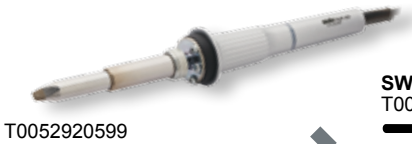


For more information about tip type series please visit



## WXP 200

Tip type series XHT



T0052920599



SW 17  
T0058741753



XHT D 5,0 x 1,2 mm  
T0054480199

&

WDH 31  
T0051515899



T0051384199

## WXMP / WXMP (MS)

Tip type series RT



WXMP T0052920399

WXMP (MS) T0052921399



1,3 x 0,4 mm  
RT 3 T0054460399  
RT 3MS T0054461699



&

WDH 51  
T0051517199



T0058751816



T0051384199

## WXMT / WXMT (MS)

Tip type series RTW



WXMT T0051317799

WXMT (MS) T0051317999



0,7 x 0,4 mm  
RTW 2 T0054465299  
RTW 2MS T0054465799



&

WDH 60  
T0051516999



T0051384199

DE Lieferumfang  
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 PL Zakres dostawy  
 HU Szállítási terjedelem  
 SK Rozsah dodávky  
 SL Obseg pošiljke  
 EE Tarne sisu  
 LV Piegādes komplekts  
 LT Komplektas  
 HR Popratna oprema  
 BG Обем на доставката  
 RO Pachetul de livrare  
 RU Комплект поставки



## WXDP 120 / WXDP 120 Robust

Tip type series XDS



T0051320199

**Robust** T0051320699



**XDS 1** Ø 1,4 x Ø 2,5 mm  
 T0051325099



**WDH 70**  
 T0051517299



T0051384199

T0058765773



T0058765801



T0058765772



## WXDV 120

Tip type series XDS



T0051320499



**XDS 1** Ø 1,4 x 2,5 mm  
 T0051325099



**WDH 40**  
 T0051515399



T0051384199

T0058765773



T0058765801



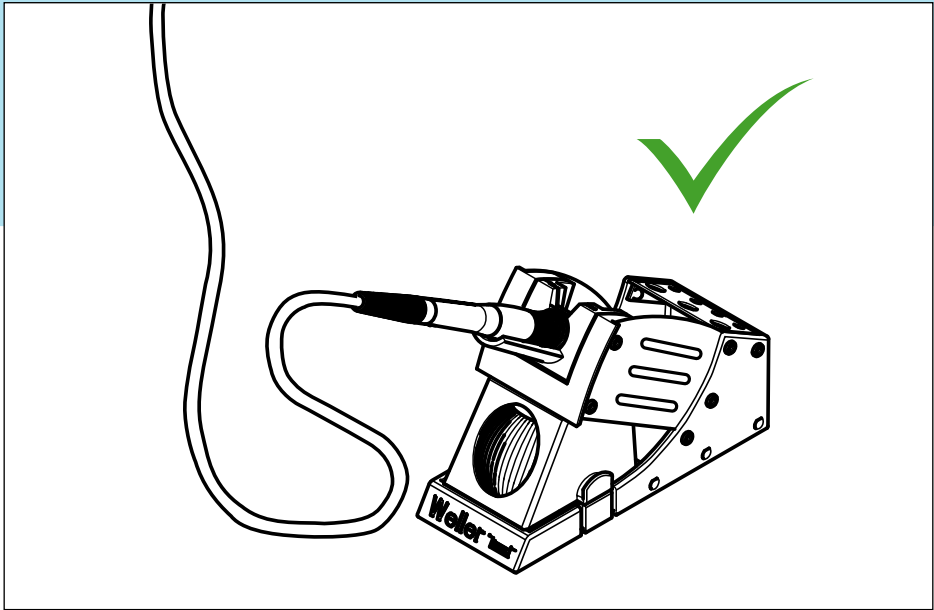
T0058765772



T0058741815



Ø 2,7 mm T0058741059



**DE** Legen Sie das Lötwerkzeug bei Nichtgebrauch immer in der Sicherheitsablage ab.

**EN** Always place the soldering tool in the safety rest while not in use.

**ES** Cuando no use el soldador deposítelo siempre en el soporte de seguridad.

**FR** En cas de non utilisation de l'outil de soudage, toujours le poser dans la plaque repose-oir de sécurité.

**IT** In caso di non utilizzo, l'utensile di saldatura deve essere sempre appoggiato sul supporto di sicurezza.

**PT** Em caso da não utilização, pouse a ferramenta de solda sempre no descanso de segurança.

**NL** Plaats het soldeerge-reedschap bij niet-gebruik altijd in de veiligheids-houder.

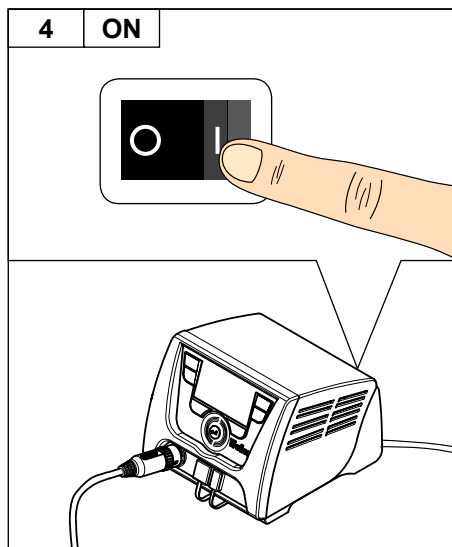
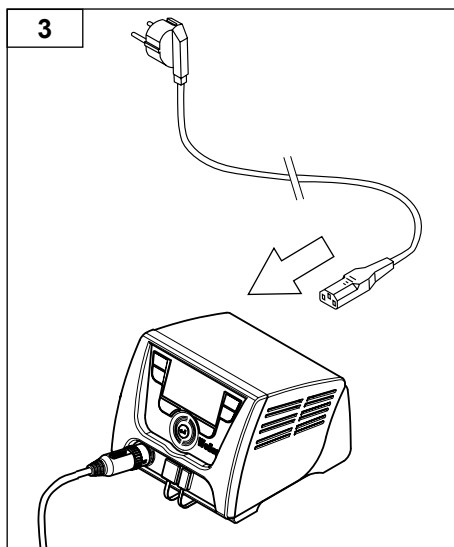
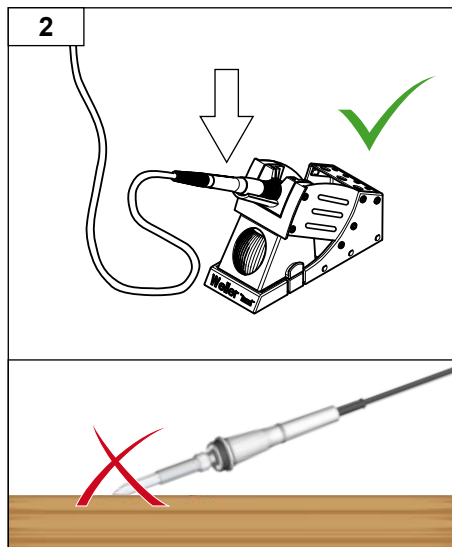
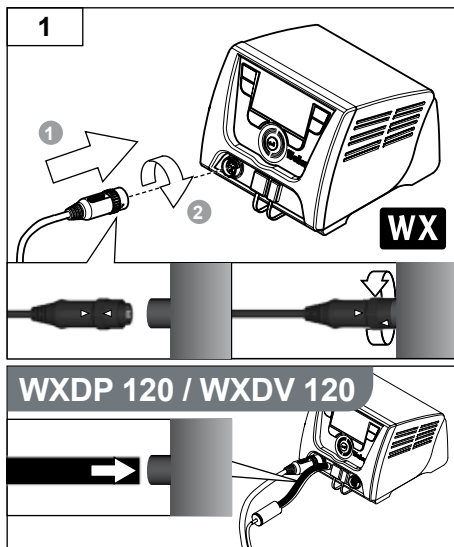
**SV** När du inte använder löd-verktyget ska det alltid placeras i säkerhetshållaren.

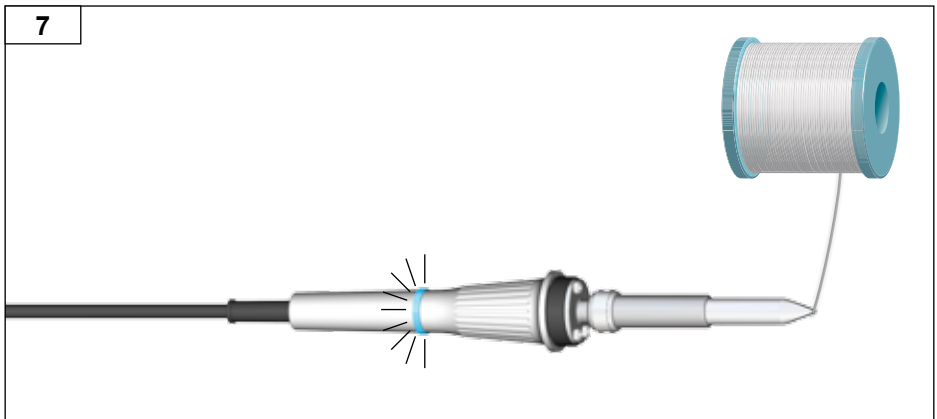
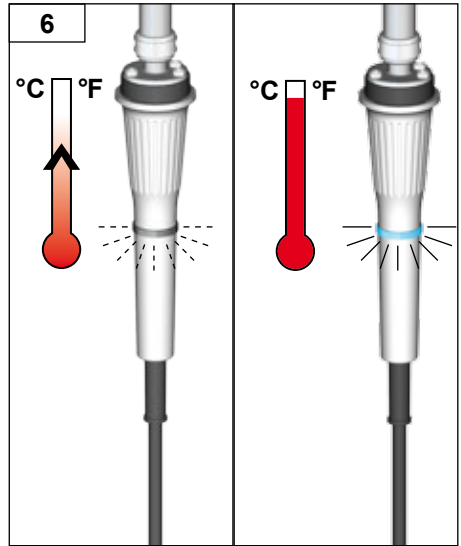
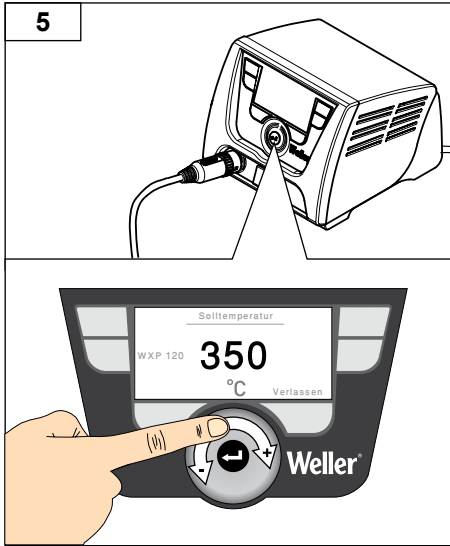
**DK** Læg altid loddeværktøjet fra dig i sikkerhedsholde-ren, når det ikke bruges.

**FI** Laita juotostyökalu aina turvatelineeseen, kun lopetat työkalun käytön.

DE Inbetriebnahme  
 EN Starting up the device  
 ES Puesta en servicio del aparato  
 FR Mise en service de l'appareil  
 IT Messa in funzione dell'apparecchio  
 PT Colocação do aparelho em serviço  
 NL Toestel in gebruik nemen  
 SV Ta lödstationen i drift  
 DK Ibrugtagning af apparatet  
 FI Laitteen käyttöönotto  
 GR Έξοση της συσκευής σε λειτουργία  
 TR Cihazı işletime alma

CZ Uvedení zařizní do provozu  
 PL Uruchamianie urządzenia  
 HU A készülék üzembe helyezése  
 SK Uvedenie zariadenia do prevádzky  
 SL Začetek dela z napravo  
 EE Seadme kasutuselevõtt  
 LV Iekārtas lietošanas sākšana  
 LT Prietaiso paruošimas eksploatuoti  
 BG Включване на уреда  
 RO Punerea în funcțiune a aparatului  
 HR Uređaj pustiti u rad  
 RU Ввод устройства в эксплуатацию

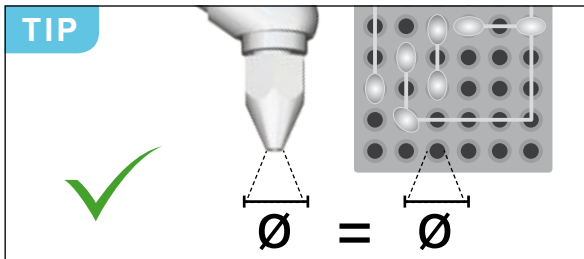
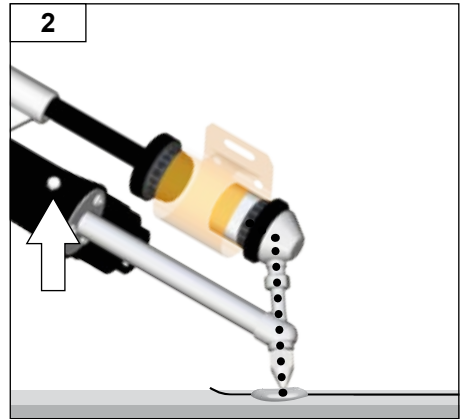
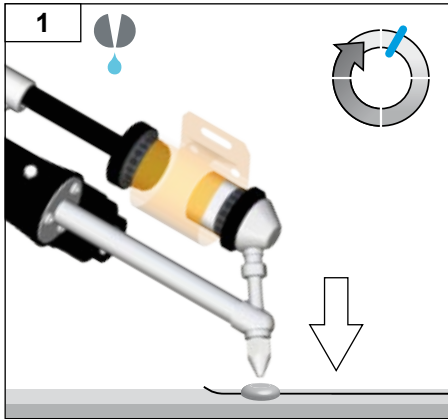




DE Betrieb  
 EN Operation  
 ES Operação  
 FR Fonctionnement  
 IT Esercizio  
 PT Operação  
 NL Gebruik  
 SV Drift  
 DK Funktion  
 FI Käyttö  
 GR Λειτουργία  
 TR Operasyon

CZ Provoz  
 PL Operacja  
 HU Üzemeltetés  
 SK Prevádzka  
 SL Delovanje  
 EE Operatsioon  
 LV Darbība  
 LT Operacija  
 BG Работа  
 RO Funcționarea  
 HR Operativni rad  
 RU Эксплуатация

## WXDP 120 / WXDP 120 Robust

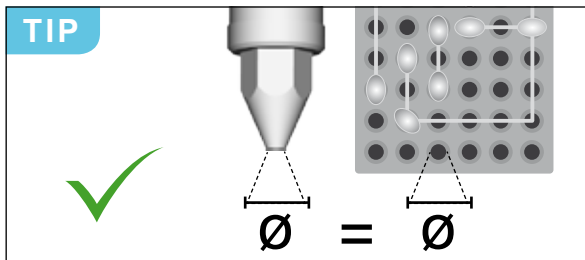
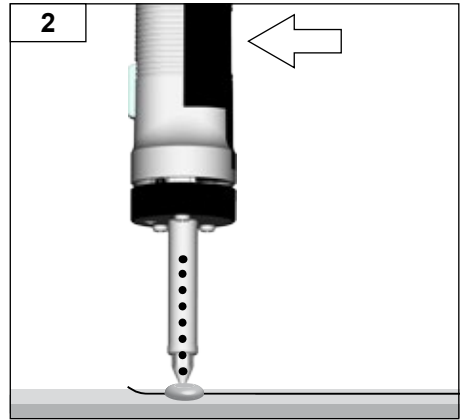
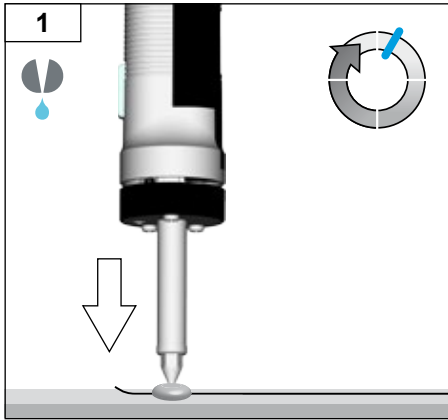




DE Betrieb  
EN Operation  
ES Operação  
FR Fonctionnement  
IT Esercizio  
PT Operação  
NL Gebruik  
SV Drift  
DK Funktion  
FI Käyttö  
GR Λειτουργία  
TR Operasyon

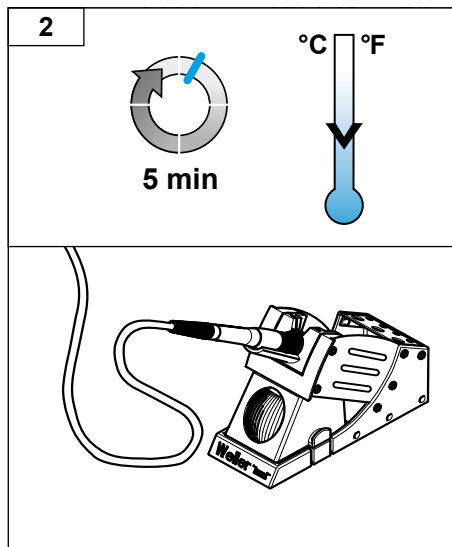
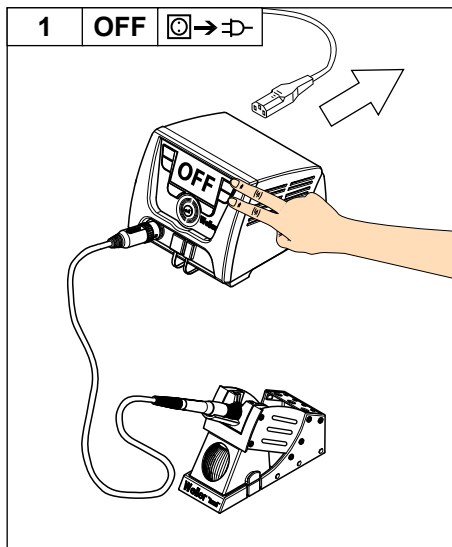
CZ Provoz  
PL Operacja  
HU Üzemeltetés  
SK Prevádzka  
SL Delovanje  
EE Operatsioon  
LV Darbība  
LT Operacija  
BG Работа  
RO Funcționarea  
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RU Эксплуатация

## WXDV 120



DE Lötspitzenwechsel  
 EN Soldering tip replacement  
 ES Cambio de punta de soldar  
 FR Changement de panne  
 IT Cambio delle punte saldanti  
 PT Mudança da ponta de solda  
 NL Soldeerpuntwissel  
 SV Byte av lödspetsar  
 DK Skift af loddespids  
 FI Juotoskärjen vaihto  
 GR Αλλαγή της ακίδας συγκόλλησης  
 TR Havya uçları değişimi

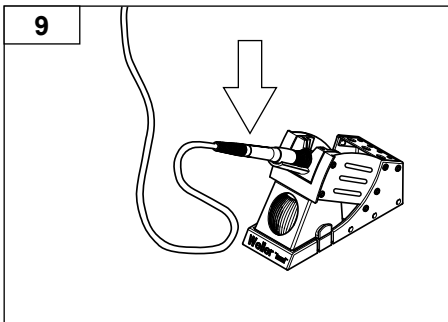
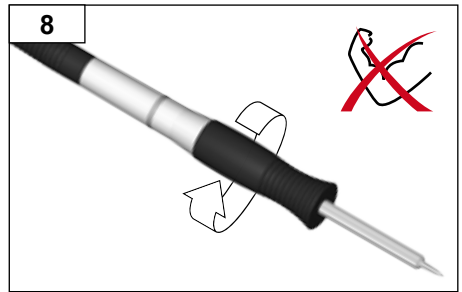
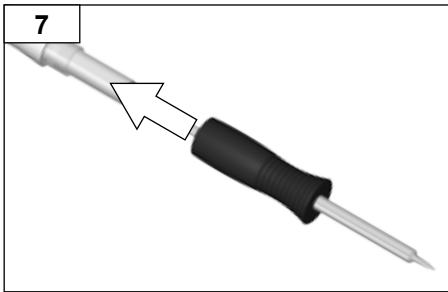
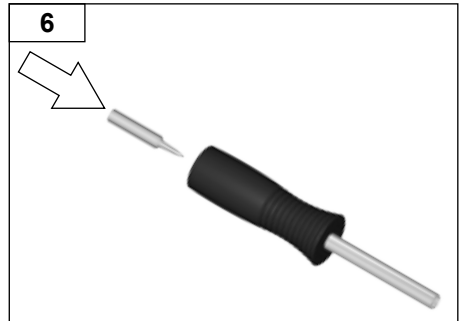
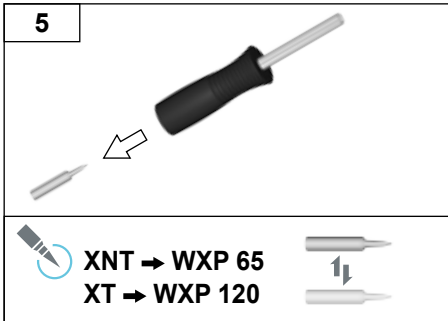
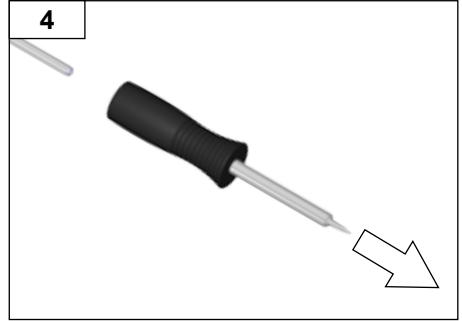
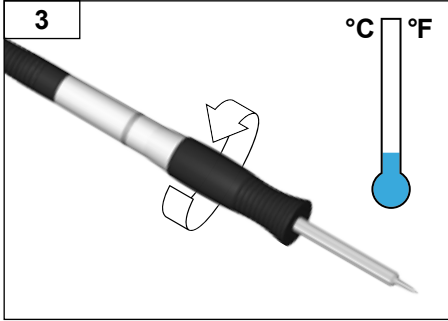
CZ Výměna pájecího hrotu  
 PL Wymiana grotu lutowniczego  
 HU Forrasztócsúcs cseréje  
 SK Výměna spájkovacieho hrotu  
 SL Menjava spajkalne konice  
 EE Jootetsikute vahetus  
 LV Lodgalvas nomaiņa  
 LT Litavimo antgalio keitimas  
 BG Смяна на накрайника на поялника  
 RO Schimbarea vârfului de lipire metalică  
 HR Mjenjanje vrhova lemila  
 RU Замена жала



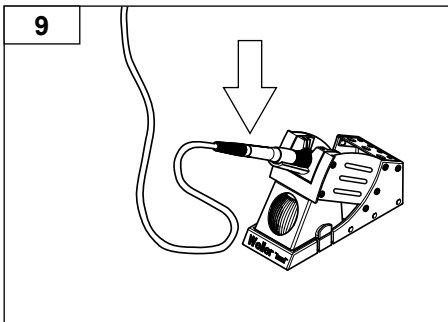
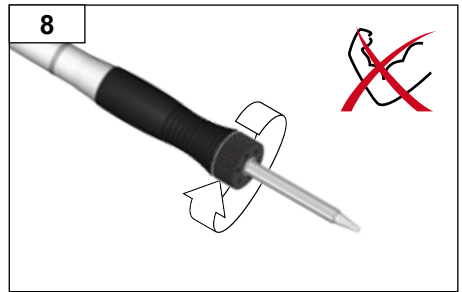
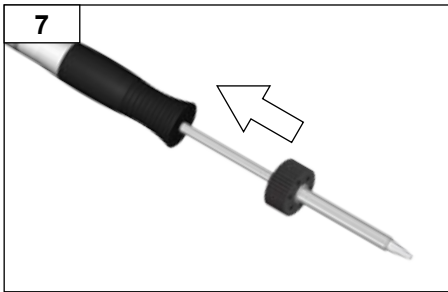
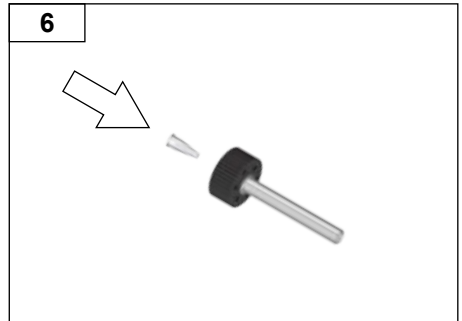
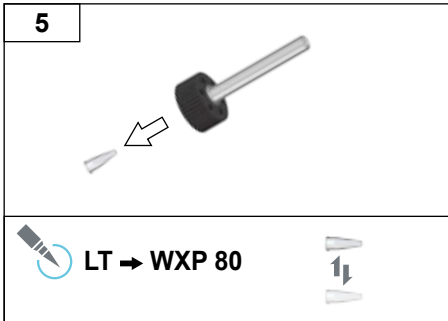
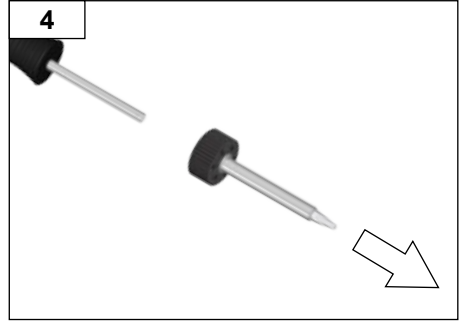
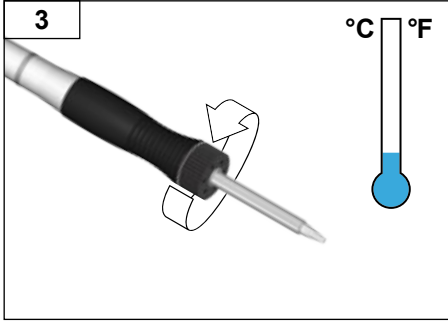
**3**

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WXP 120	>> 9	WXMT	>> 14
WXP 80	>> 10	WXDP 120	>> 15
WXP 90	>> 11	WXDV 120	>> 16
WXP 200	>> 12		

# WXP 65 / WXP 120

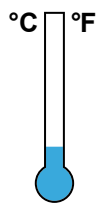
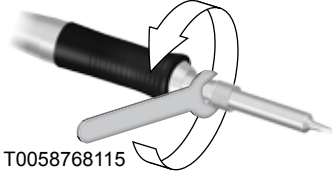
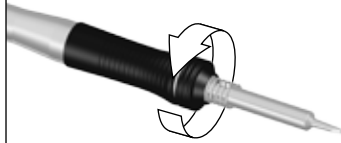


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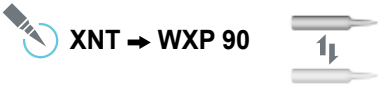
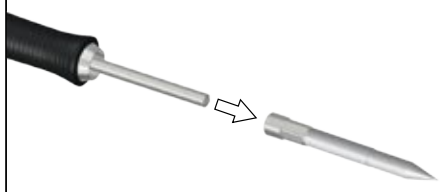
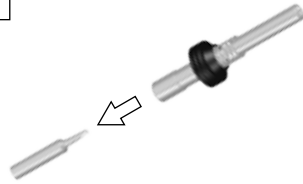


# WXP 90

3



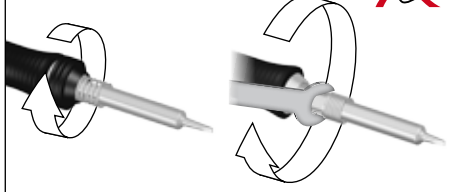
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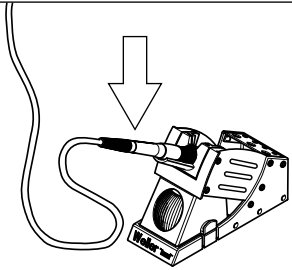
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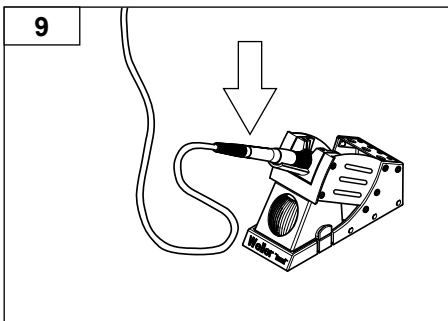
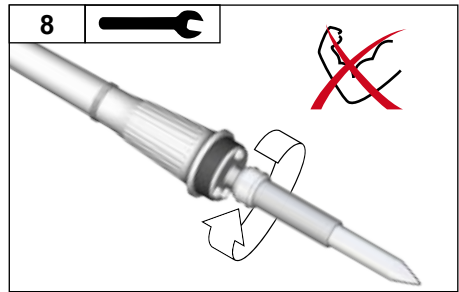
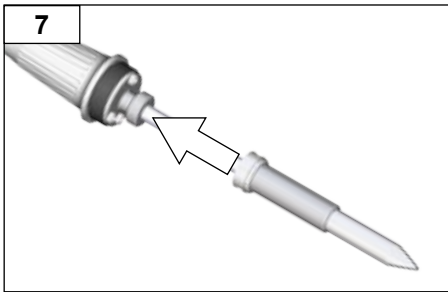
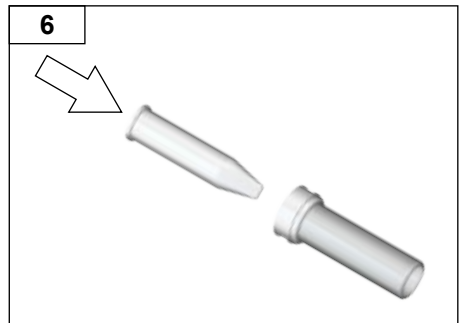
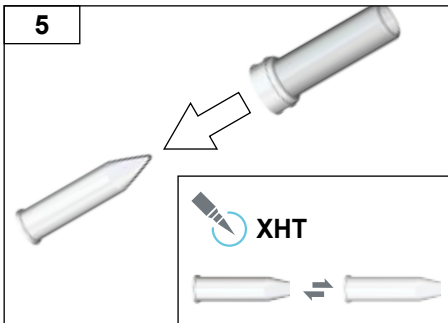
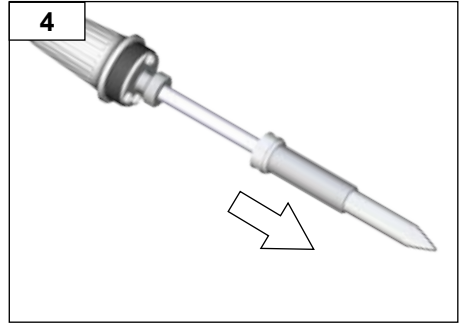
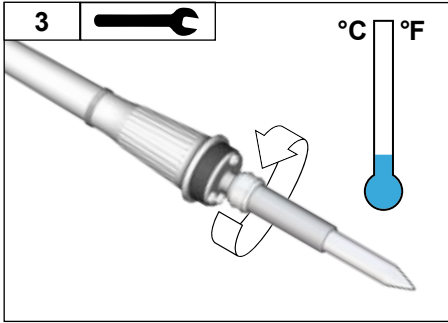


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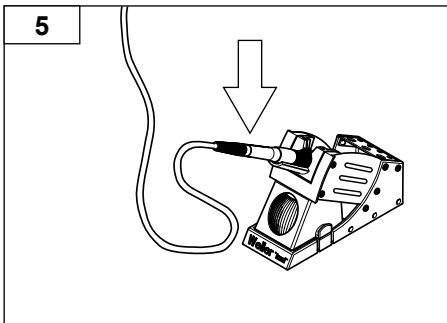
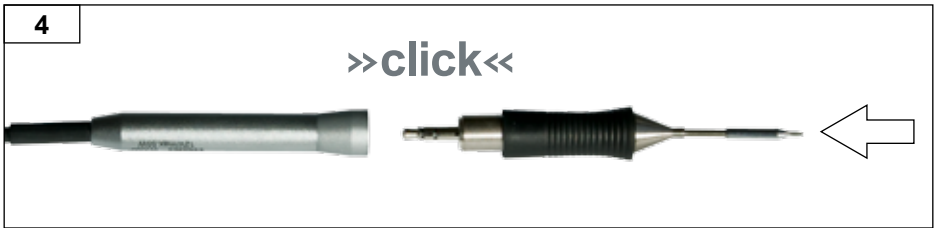
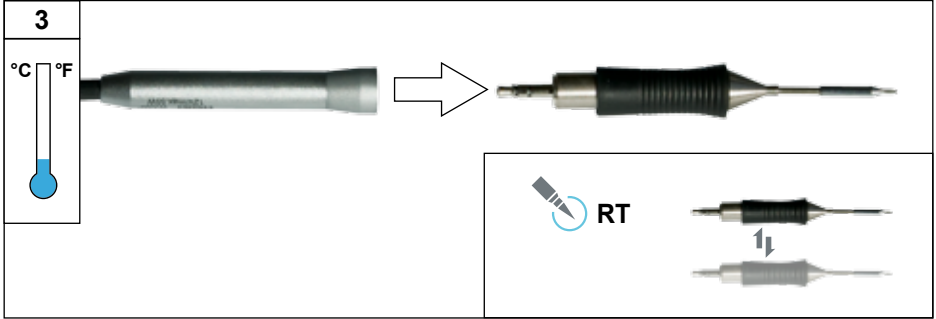


TIP

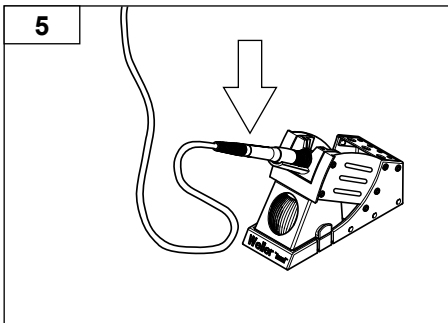
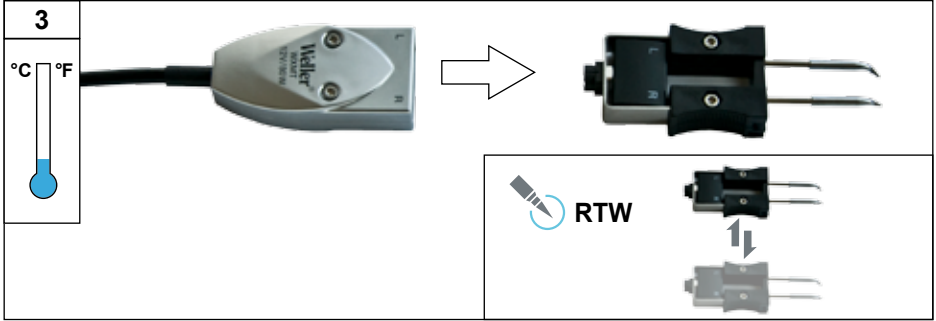




# WXMP / WXMP (MS)

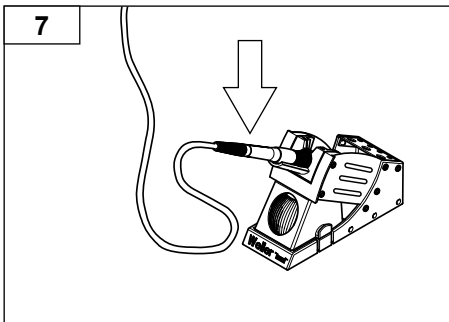
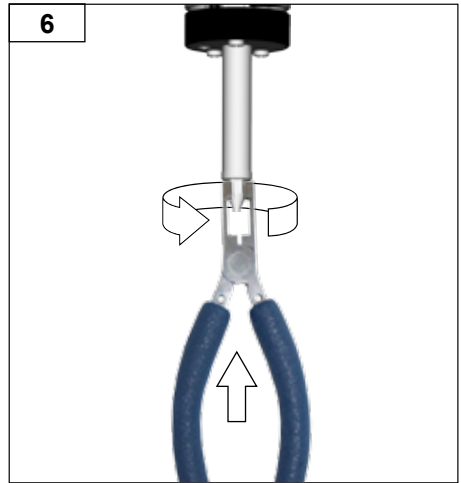
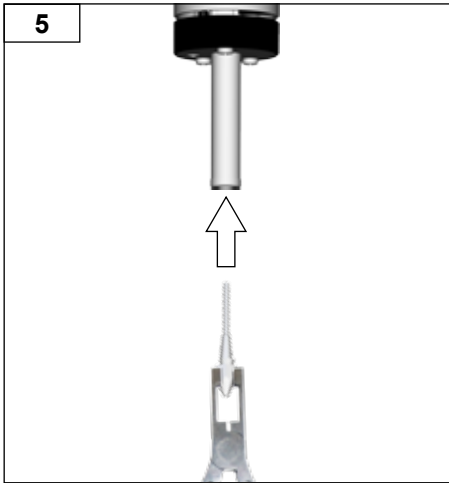
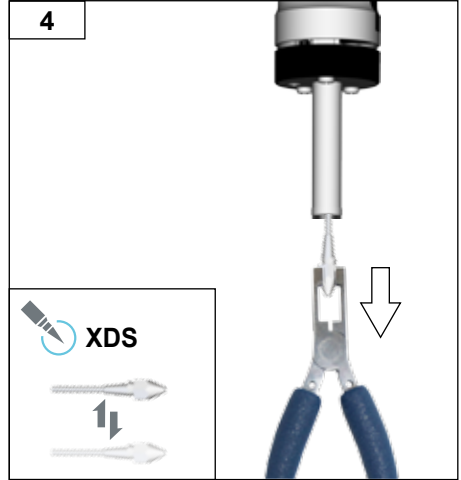
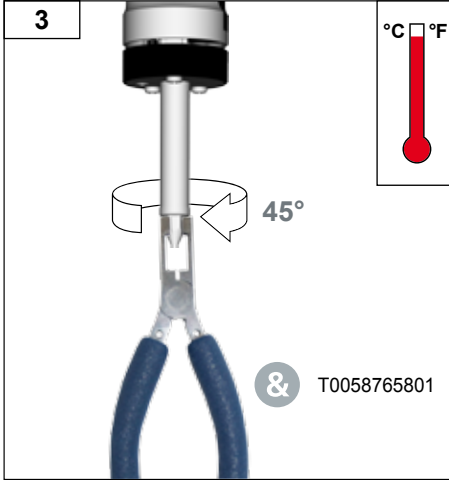


# WXMT / WXMT (MS)





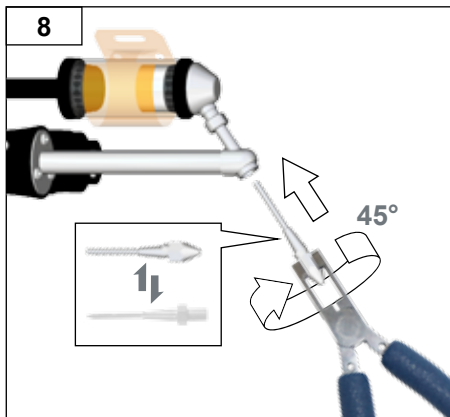
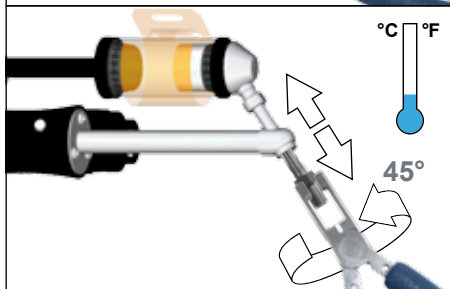
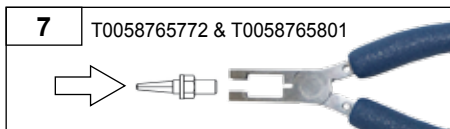
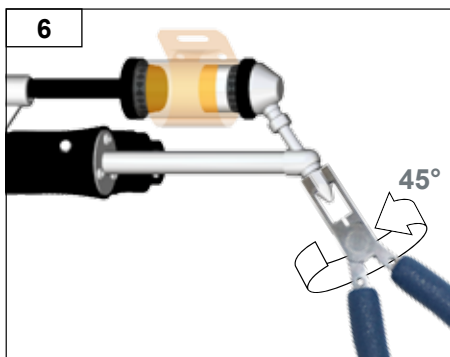
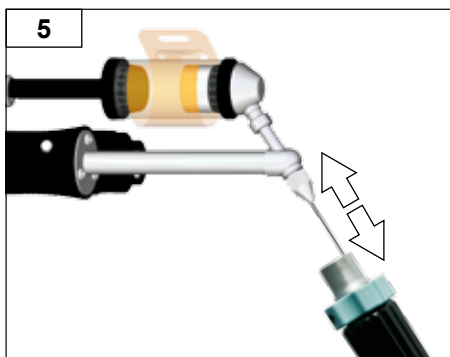
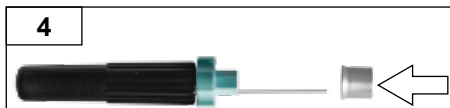
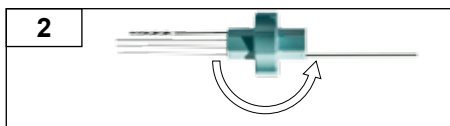
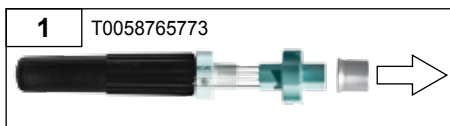




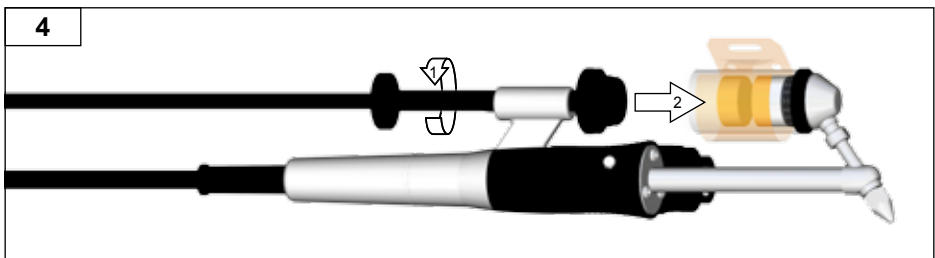
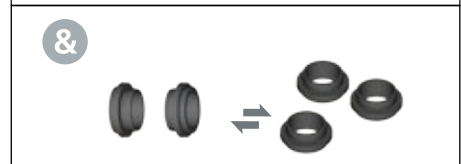
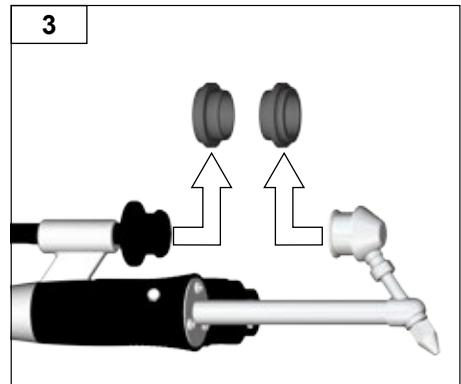
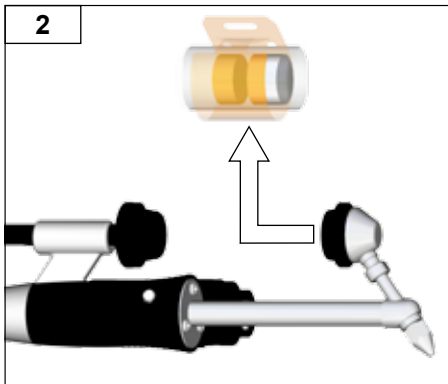
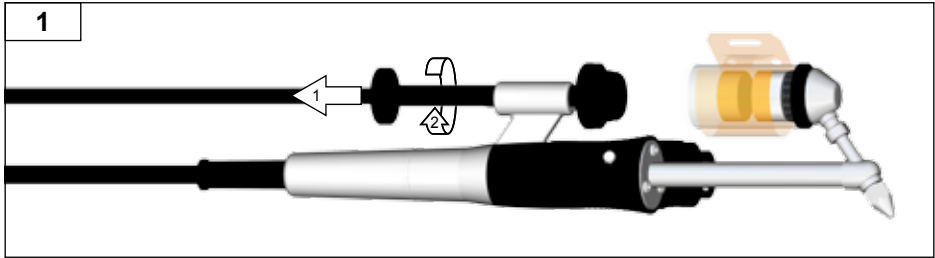
DE Reinigung/Wartung  
 EN Cleaning/Maintenance  
 ES Limpieza/Mantenimiento  
 FR Nettoyage/Entretien  
 IT Pulizia/Manutenzione  
 PT Limpeza/Manutenção  
 NL Reiniging/Onderhoud  
 SV Rengöring/Underhåll  
 DK Rengøring/Vedligeholdelse  
 FI Puhdistus/Huolto  
 GR Καθαρισμός/Συντήρηση  
 TR Temizlik/Bakım

CZ Čištění/Údržba  
 PL Czyszczenie/Konserwacja  
 HU Tisztítás/Karbantartás  
 SK Čistenie/Údržba  
 SL Čiščenje/Vzdrževanje  
 EE Puhastamine/Hooldus  
 LV Tīrīšana/Arkope  
 LT Valymas/Priežiūra  
 BG Почистване/Поддържане  
 RO Curățarea/Întreținerea curentă  
 HR Čišćenje/Servisiranje  
 RU Уборка/Обслуживание

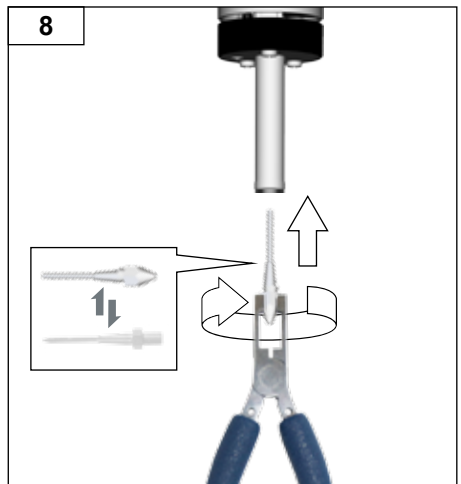
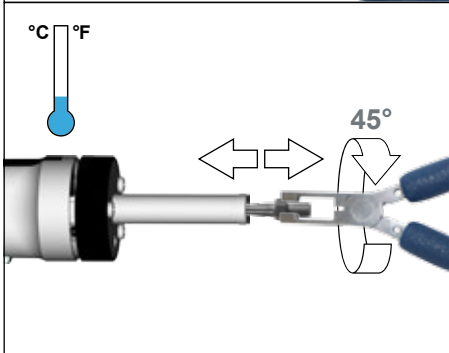
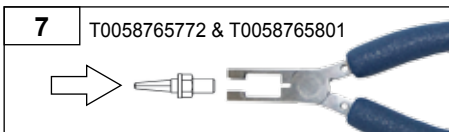
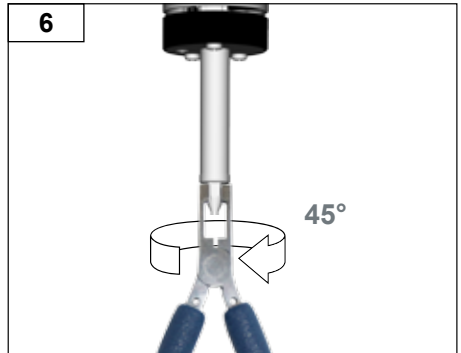
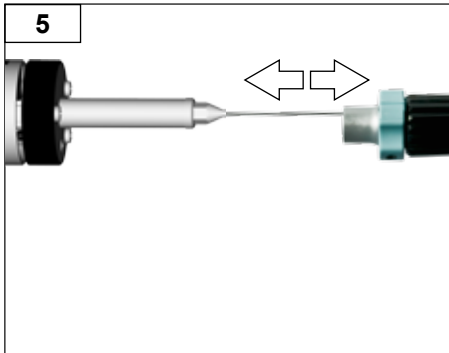
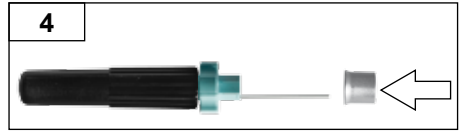
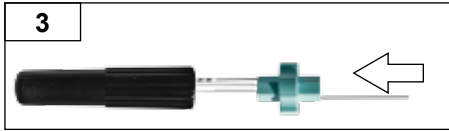
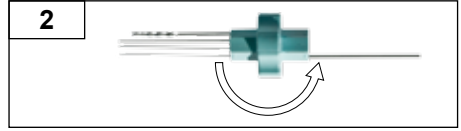
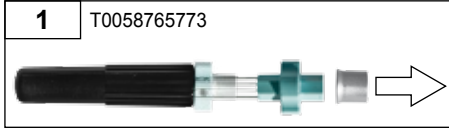
## WXDP 120 / WXDP 120 Robust



# WXDP 120 / WXDP 120 Robust

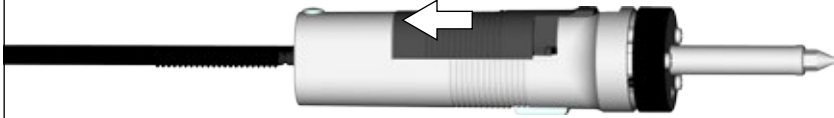


# WXDV 120

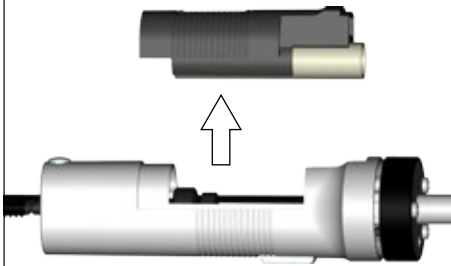


1

>>click<<



2



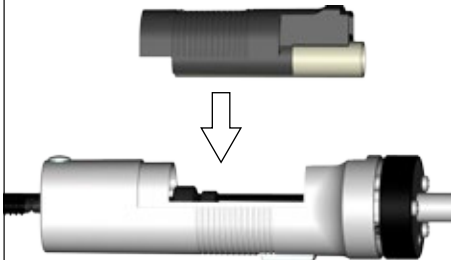
3



&



4



5

>>clack<<



## For your safety

Thank you for the confidence you have shown in buying this device.

The device has been manufactured in accordance with the most rigorous quality standards which ensure that it operates perfectly.



**Read these instructions and the accompanying safety information carefully before starting up the device and starting work with the device.**

Keep these instructions in a place that is accessible to all users.

These instructions contain important information which will help you to start up, operate and service the device safely and correctly as well as to eliminate simple faults and malfunctions yourselves.

The device has been manufactured in accordance with state-of-the-art technology and acknowledged regulations concerning safety.

There is nevertheless the risk of personal injury and damage to property if you fail to observe the safety information set out in the accompanying booklet and the warnings given in these instructions.

### Safety information

For safety reasons, children and youths under the age of 16, as well as persons who are not familiar with these operating instructions, may not use the device. Children should be supervised in order to ensure that they do not play with the tool.

This device is not intended for use by persons (including children) with limited physical, sensory or mental aptitude, or by persons who lack knowledge or experience in handling the device.



#### Warning! Electrical shock

- Carefully read the attached safety information, the safety information accompanying these operating instructions as well as the operating instructions for your control unit before putting the control unit into operation and observe the safety precautions specified therein.
- The soldering iron may only be used in combination with Weller WX Supply Units.
- Do not work on electrically live parts. Antistatic plastics are provided with conductive fillers to prevent the build-up of static charge. This also reduces the insulating properties of the plastic.
- Repairs must always be referred to a Weller-trained specialist.
- If the supply cord of this power tool is damaged, it cannot be replaced, and the power tool shall be scrapped.



#### Warning! Risk of burns

**The soldering tip becomes hot during soldering and desoldering processes. There is a risk of burns from touching the tips. Tools may still be hot long after they have been switched off.**

- Only connect the vacuum and hot air at the designated points.
- Do not direct hot air soldering tools at people or inflammable objects.
- Do not touch the hot soldering tips and keep them away from inflammable objects.



**Warning! Fire and explosion hazard!**

**Hot tools represent a fire hazard**

- Always place the soldering tool in the safety rest while not in use.
- Do not place or leave the hot soldering or desoldering tip on the worktop or on plastic surfaces.
- Avoid unintentional operation. Disconnect the soldering tool from the power supply while not in use.
- Do not direct hot air soldering tools at people or inflammable objects.
- Keep explosive and flammable objects well away from the device.
- Do not cover the device.

## Specified Conditions Of Use

Use the soldering / desoldering iron exclusively for the purpose indicated in the operating instructions of releasing, accommodating and depositing electronic components under the conditions specified herein.



**WXDP 120 (Robust), WXDV 120**

Flammable gases and liquids may not be extracted.

The device may only be used with correctly fitted and suitable filter cartridges.

Replace filter cartridges when full.

Intended use of the soldering station/ desoldering station also includes the requirement that you

- adhere to these instructions,
- observe all other accompanying documents,
- comply with national accident prevention guidelines applicable at the place of use.

The manufacturer will not be liable for unauthorised modifications to the device.

## User groups

Due to differing degrees of risk and potential hazards, several work steps may only be performed by trained experts.

Work step	User groups
Replacing electrical replacement parts	Electricians
Default maintenance intervals	Safety expert
Operation Filter change	Non-specialists
Operation Filter change Replacing electrical replacement parts	Technical trainees under the guidance and supervision of a trained expert



## Soldering and desoldering

### Caution!

Please be sure to read and follow the operating instructions for your Weller WX Supply Unit.



### Warning!

Wear appropriate protective clothing to protect yourself against burns. Protect your eyes by wearing eye protectors.

### Handling the soldering tips

- Coat the selective and tinnable soldering tip with solder when heating it up for the first time. This removes oxide coatings which have formed during storage and impurities from the soldering tip.
- Make sure that the soldering tip is well coated with solder during breaks between soldering work and prior to storage of the device.
- Do not use aggressive fluxing agents.
- Always make sure that the soldering tips are fitted properly.
- Select as low a working temperature as possible.
- Select the largest possible soldering tip shape for the application. Rule of thumb: the soldering tip should be roughly as large as the soldering pad.
- Coat the soldering tip well with solder to ensure that there is efficient heat transfer between the soldering tip and the soldering area.
- Prior to extended breaks between soldering work, switch off the soldering system or use the Weller function to reduce the temperature when the soldering equipment is not in use.
- Coat the tip with solder prior to storage if you do not intend to use the soldering iron for an extended period of time.
- Apply solder directly to the soldering area, not to the soldering tip.
- Do not apply mechanical force to the soldering tip.

## Care and maintenance



### Warning!

Before doing any work on the machine, pull the plug out of the socket.



### Warning! Risk of burns

- Only replace solder tips when cold
- Replace and clean suction nozzles only when hot and using the suitable tool
- Only replace hot air nozzles using the suitable tool
- Only clean or replace solder collection tubes when cold

**Soldering iron:** The soldering tool must be left switched off in the safety rest for at least 3 minutes until the soldering tip has cooled down. The LED status indicator must be at „OFF“.

**Desoldering iron:** Replace the suction nozzles when warm using the PDN desoldering nozzle pliers. For safety reasons, we recommend that the desoldering iron be cleaned only when cool.

Keep the heat transfer surfaces of the soldering tip and heating element clean. The heating element must not come into contact with soldering tin.

### Filter change WXDP 120 (Robust), WXDV 120

To ensure that the filtration system functions properly, the filter must be replaced as follows:

- at least once a year or
- when indicated or
- as per maintenance schedule

*Contaminated filters must be treated as special waste.*

*Dispose of replaced equipment parts, filters or old devices in accordance with the rules and regulations applicable in your country.*

*Wear suitable protective gear.*



### Warning!

Use original replacement parts only.

# For your safety

EN

## Technical Data

Soldering iron	WXP 65	WXP 80	WXP 90	WXP 120	WXP 200	WXMP
Temperature range °C	100 - 450	100 - 450	50 - 450	100 - 450	100 - 450	100 - 450
Temperature range °F	212- 850	212- 850	150- 850	212- 850	212- 850	212- 850
Power consumption	65 W	80 W	90 W	120 W	200 W	40 W (RT11: 55 W)
Voltage	24 V / AC	24 V / AC	24 V / AC	24 V / AC	24 V / AC	12 V / AC
Heat-up time (50°C to 350°C) (120°F to 660°F)	7 s	10 s	5 s	10 s	25 s	3 s
Tip type series	XNT	LT	XNT, THM	XT	XHT	RT
Supply unit	WX / WXD / WXA / WXR					

Desoldering tweezers / Desoldering iron	WXMT	WXDP 120 / WXDP 120 Robust	WXDV 120
Temperature range °C	100 - 450	100-450	100-450
Temperature range °F	212- 850	212-850	212-850
Power consumption	80 W (2x40 W)	120 W	120 W
Voltage	12 V / AC	24 V / AC	24 V / AC
Heat-up time (50°C to 350°C) (120°F to 660°F)	3 s	35 s	35 s
Tip type series	RTW	XDS	XDS
Supply unit	WX / WXD / WXA / WXR	WXD / WXR	

## Symbols



Caution!



Read the operating instructions!



Soldering



Desoldering



Hot air



### Disposal

Do not dispose of electric tools together with household waste material! In observance of European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility. Dispose of replaced equipment parts, filters or old devices in accordance with the rules and regulations applicable in your country.



CE mark of conformity

## Warranty

Claims by the buyer for physical defects are time-barred after a period of one year from delivery to the buyer. This does not apply to claims by the buyer for indemnification in accordance with §§ 478, 479 BEN (German Federal Law Gazette).

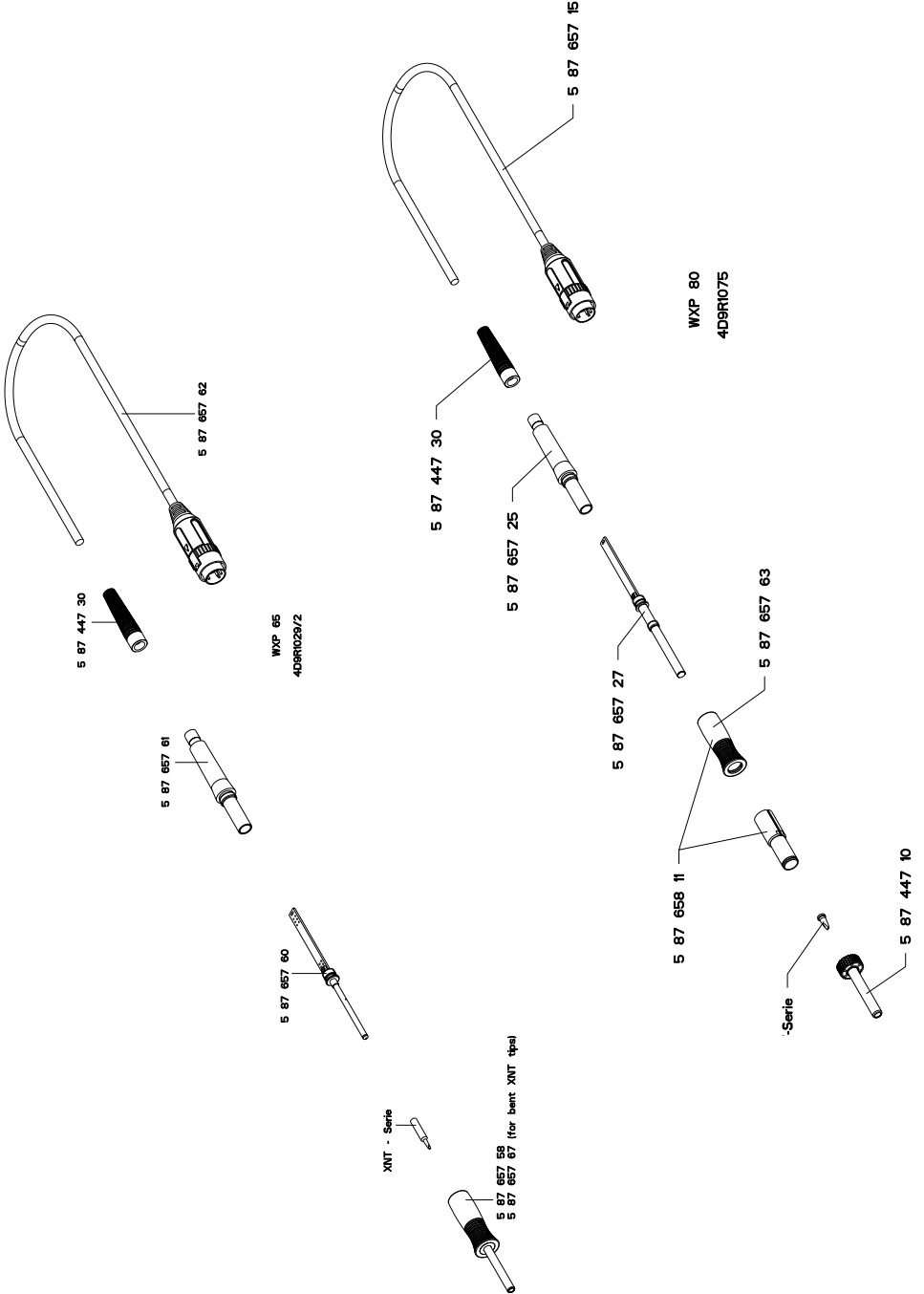
We shall only be liable for claims arising from a warranty furnished by us if the quality or durability warranty has been furnished by use in writing and using the term

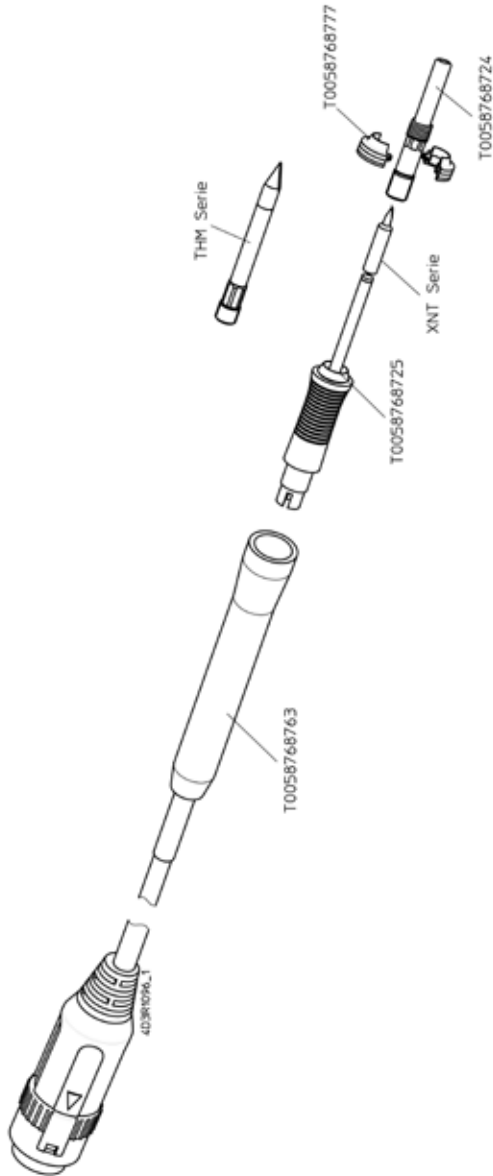
„Warranty“.

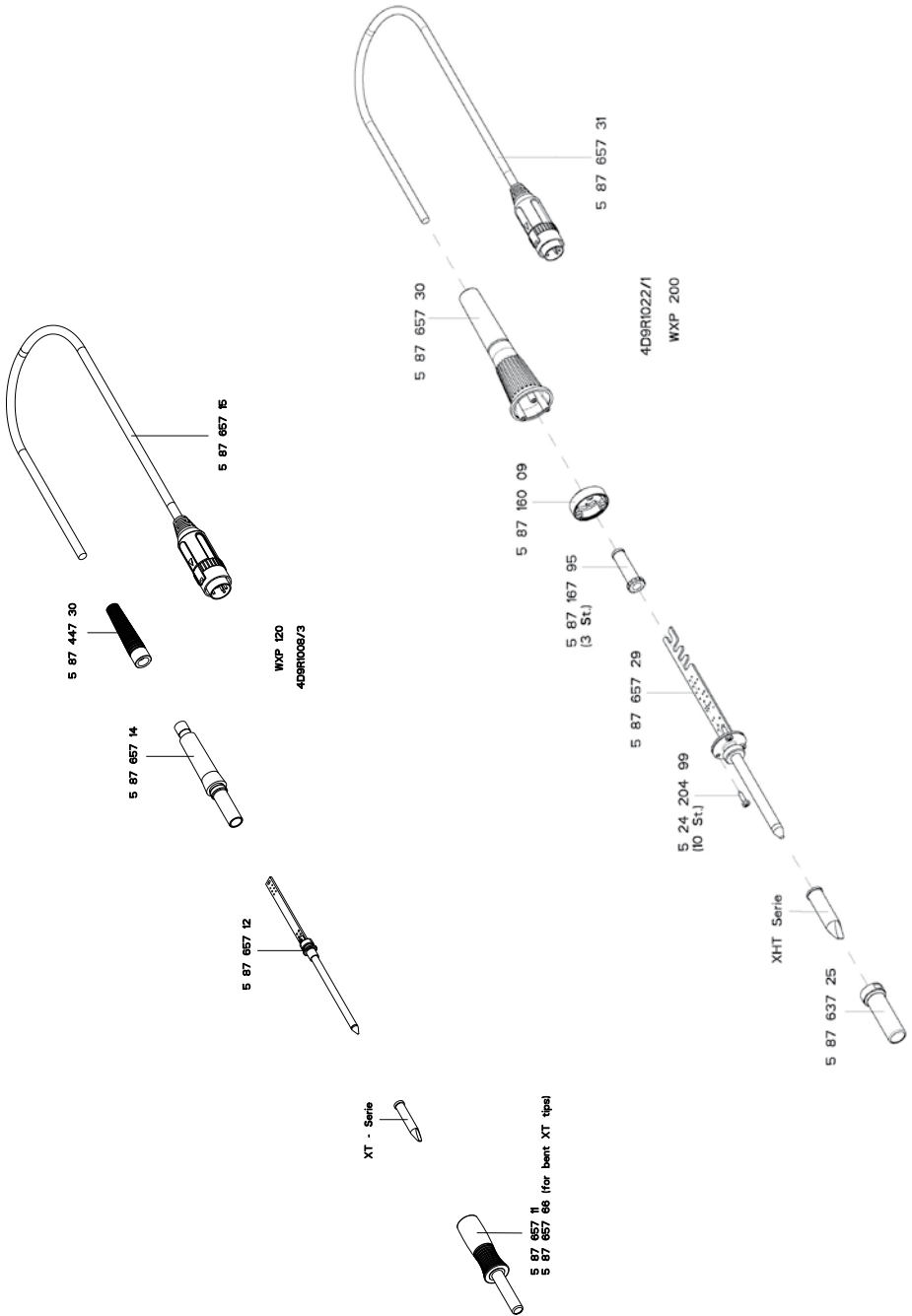
The warranty shall be void if damage is due to improper use and if the device has been tampered with by unauthorised persons.

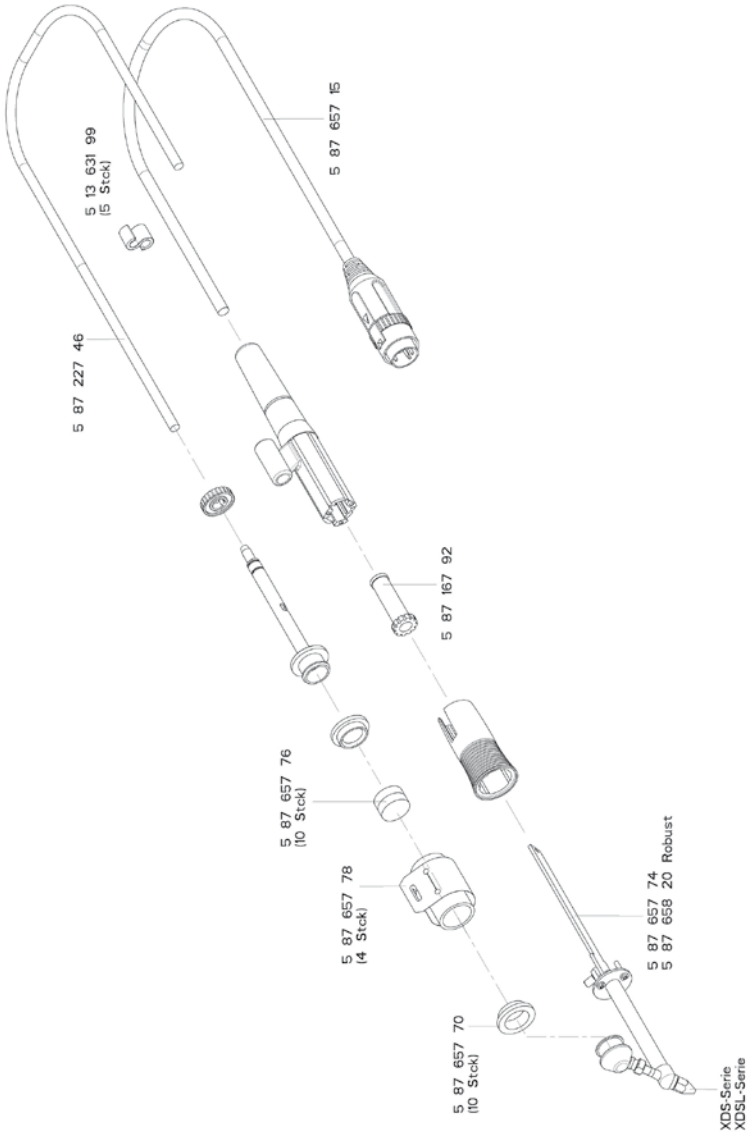
Subject to technical alterations and amendments.

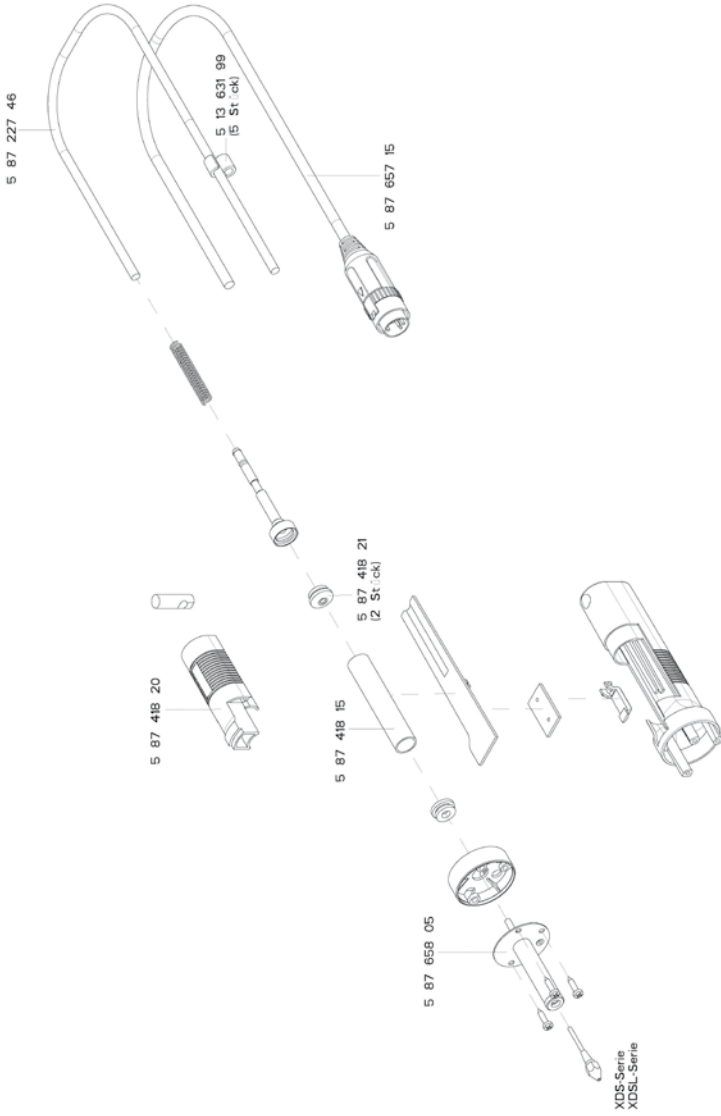
For more information please visit [www.weller-tools.com](http://www.weller-tools.com).











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