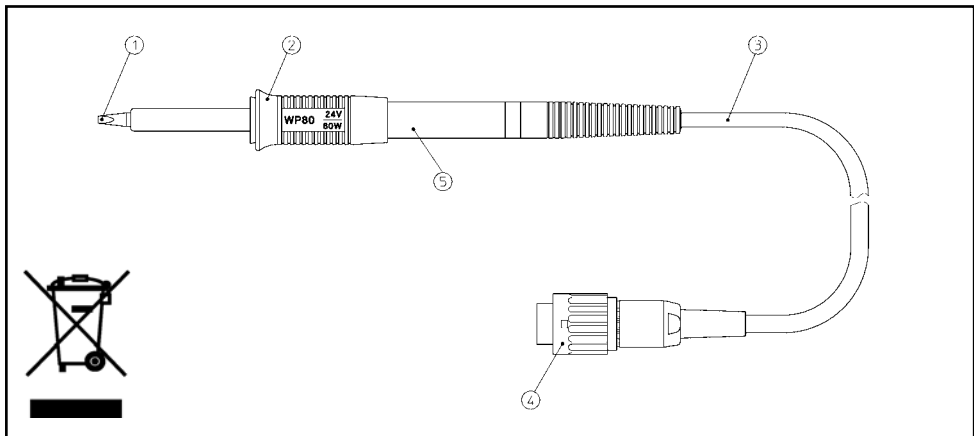


Weller®

WP 80



Betriebsanleitung - Mode d'emploi - Gebruiksaanwijzing - Istruzioni per l'uso - Operating Instructions - Instruktionsbok - Manual de uso - Betjeningsvejledning - Manual do utilizador - Käyttöohjeet - Οδηγίες Λειτουργίας - Kullanım kılavuzu - Návod k použití - Instrukcja obsługi - Üzemeltetési utasítás - Návod na používanie - Navodila za uporabo - Kasutusjuhend - Naudojimo instrukcija - Lietošanas instrukcija - Ръководство за работа - Naputak za rukovanje - Manual de exploatare



1. Lötspitze (LT-Serie)
2. Spitzenhalter und Griffteil
3. Temperaturbeständige antistatische Silikonleitung
4. Verriegelbarer Anschlußstecker
5. Hinteres Griffteil

1. Soldering tip (LT series)
2. Tip holder and grip area
3. Temperature-resistant antistatic silicon cable
4. Lockable connector plug
5. Rear grip area

1. Panne (série LT)
2. Porte-panne et poignée
3. Câble en silicone antistatique, résistant à la température
4. Connecteur de raccordement verrouillable
5. Poignée arrière

1. Lödspets (LT-serie)
2. Spetsställare och greppdel
3. Temperaturbeständig, antistatisk silikonkabel
4. Låsbar anslutningskontakt
5. Bakre greppdel

1. Soldeerpunt (LT-serie)
2. Pünthouder en greepdeel
3. Temperatuurbestendige antistatische siliconeleiding
4. Vergrendelbare aansluitstekker
5. Achterste greepdeel

1. Ponta de solda (série LT)
2. Suporte de ponta e peça de pega
3. Cabo de silicone anti estática resistente à temperatura
4. Ficha de ligação bloqueável
5. Peça de pega traseira

1. Punta di saldatura (serie LT)
2. Supporto punta e impugnatura
3. Conduuttura in silicone antistatica termostabile
4. Connettore bloccabile
5. Impugnatura posteriore

1. Juottokärki (LT-sarja)
2. Kärjen pidin ja kahvaosa
3. Lämpötilan kestävä antistaattinen silikonijohto
4. Lukittava liitäntäpistoke
5. Takimmainen kahvaosa

1. Punta de soldar (serie LT)
2. Soporte para punta y mango
3. Cable de silicona antiestático y termorresistente
4. Conector con fijador
5. Parte trasera del mango

1. Ακίδα συγκόλλησης (σειρά LT)
2. Στήριγμα ακίδας και λαβή
3. Ανθεκτικός στη θερμοκρασία αντιστατικός αγωγός σιλικόνης
4. Ασφαλιζόμενο φικς σύνδεσης
5. Πίσω μέρος της λαβής

1. Loddspids (LT-serie)
2. Spidholder og greb
3. Temperaturbestandig antistatisk silikonledning
4. Arreterbart tilslutningsstik
5. Greb, bagende

1. Havya uç (LT-serisi)
2. Uç tutucusu ve tutamak bölümü
3. Isiya dayanıklı antistatik silikon hat
4. Kilitlenebilir bağlantı soketi
5. Arka tutamak bölümü

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

Thank you for placing your trust in our company by purchasing the Weller solderer WP 80. Production was based on stringent quality requirements which guarantee the perfect operation of the device.

1. Caution!

Please read these Operating Instructions and the attached Safety Information carefully prior to initial operation. Failure to observe the safety regulations results in a risk to life and limb.

The manufacturer shall not be liable for damage resulting from misuse of the machine or unauthorised alterations.

Safety Informations

- Always place the soldering iron in the original holder.
- Remove all inflammable objects from the proximity of the hot soldering tool.
- Use suitable protective clothing. Risk of burns from liquid solder.
- Never leave the hot soldering iron unsupervised.
- Never work on voltage-carrying parts.

2. Description

The WP 80 soldering iron is characterised by fast and precise achievement of the soldering tip temperature. A particularly powerful 80 W heating element guarantees excellent dynamic behaviour. The combination of slim design and short distance from handle to soldering tip means that universal application is possible, from extremely fine soldering tasks to those which require high temperatures.

With an integrated grounding connector, there is the possibility for a grounding of the solder bit if required. The anti-static handle and cables mean that the soldering iron satisfies all requirements of the ESD safety.

Technical Data

Supply Voltage:	24 V
Power Rating:	80 W
Warm Up Time:	approx. 10 sec. (50 °C - 350 °C) (120 °F - 660 °F)
Max. Temp.:	450 °C (840 °F)
Usable With:	all 80 W power units

3. Installation

Place the soldering iron in the safety holder. Remove all flammable articles from around the soldering iron. Plug and lock the connector (5) into the supply unit.

Set the required temperature on the supply unit. Wet the soldering bit with solder once it has heated up.

4. Grounding

If required, an grounding of the soldering bit can be created via the supply unit. The connection possibilities for grounding are described in the instructions for the supply unit.

5. Information for Operation

Changing soldering tips

- Hold the soldering iron with the tip slightly downwards.
- Hold soldering iron on rear grip area (6) and remove tip holder (3) by rotating clockwise
- Remove tip holder (3) to the front
- The soldering tip (1) is now loose in the tip holder (3)

Warning: Soldering bit is HOT!

Do not place or leave the hot soldering tip / calibration tip on the cleaning sponge or on plastic surfaces.

When using several types of soldering tips, it is recommended to use the soldering tip (1) in conjunction with the tip holder (3) as a fast change system. (see page 27)

Keep the heating element and solderin tip heat transfer surfaces clean.

Anti-static plastics containing conducting fillers are used to prevent static charge build-up. This also means that the insulating properties of the plastic are reduced.

The instructions for the use of the supply unit are valid in addition to these here.

In the case of soldering work with very low heat requirement, the reliability of the Setback function may be impaired.

6. Accessories

Soldering bits figure LT-Tips see pages 24 - 28.
Figure: Exploded Diagram, see page 29

Subject to technical change without notice!

See the updated operating instructions at www.weller-tools.com.

LT- Spitzen für WP 80

Soldering Tips for WP 80

For more information about tip type series please visit



	Bestell-Nr. Order-No	Modell Model	Beschreibung Description	Breite A Width A	Dicke B Length B	Länge C Length C
	T005 44 494 99	LT 1SC	Meißelform Chisel tip	0,4 mm	0,15 mm	15,0 mm
	T005 44 497 99	LT 1SCNW	Meißelform Chisel tip	0,3 mm	0,1 mm	15,0 mm
	T005 44 437 99	LT H	Meißelform Chisel tip	0,8 mm	0,4 mm	13,5 mm
	T005 44 440 99	LT A	Meißelform Chisel tip	1,6 mm	0,7 mm	13,5 mm
	T005 44 405 99	LT B	Meißelform Chisel tip	2,4 mm	0,8 mm	13,5 mm
	T005 44 407 99	LT C	Meißelform Chisel tip	3,2 mm	0,8 mm	13,5 mm
	T005 44 409 99	LT D	Meißelform Chisel tip	4,6 mm	0,8 mm	13,5 mm
	T005 44 448 99	LT DLL	Meißelform Chisel tip	4,6 mm	0,8 mm	13,5 mm
	T005 44 441 99	LTR A	Meißelform (HER 80) Chisel tip	1,6 mm	0,8 mm	17,0 mm
	T005 44 422 99	LTR B LT	Meißelform benetzbar Chisel tip 6,0 mm wettable	2,4 mm	0,8 mm	17,0 mm
	T005 44 422 71	LTR B LT	Meißelform benetzbar Chisel tip 1,5 mm wettable	2,4 mm	0,8 mm	17,0 mm
	T005 44 516 11	LT ASL	Flacher Meißel 30° Chisel tip, flat 30° (100 pieces)	1,6 mm	0,7 mm	13,5 mm
	T005 44 517 11	LT BSL	Flacher Meißel 30° Chisel tip, flat 30° (100 pieces)	2,4 mm	0,45 mm	13,5 mm
	T005 44 518 11	LT HSL	Flacher Meißel 30° Chisel tip, flat 30° (100 pieces)	0,8 mm	0,4 mm	13,5 mm
	T005 44 430 99	LT H HPB	Meißelform* Chise tipl*	0,8 mm	0,4 mm	13,5 mm
	T005 44 431 99	LT A HPB	Meißelform* Chisel tip*	1,6 mm	0,7 mm	13,5 mm
	T005 44 432 99	LT B HPB	Meißelform* Chisel tip*	2,4 mm	0,8 mm	13,5 mm
	T005 44 483 99	LT D HPB	Meißelform* Chisel tip*	4,6 mm	0,8 mm	13,5 mm
				* HPB Lot = für Lote mit hohem Bleianteil * HPB solder = for solder alloy with high lead content		
	T005 44 438 99	LT K	Meißelform lang Chisel long	1,2 mm	0,4 mm	21,0 mm
	T005 44 414 99	LT L	Meißelform lang Chisel long	2,0 mm	1,0 mm	21,0 mm
	T005 44 415 99	LT M	Meißelform lang Chisel long	3,2 mm	1,2 mm	21,0 mm



For more information about tip type series please visit


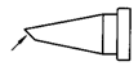



		Bestell-Nr. Order-No	Modell Model	Beschreibung Description	Breite A Width A	Dicke B Length B	Länge C Length C
		T005 44 420 99	LT HX	Meißelform gebogen Chisel bent	0,8 mm	0,4 mm	18,0 mm
		T005 44 443 00	LT ALX	Meißelform gebogen Chisel bent	1,6 mm	0,7 mm	18,0 mm
		T005 44 442 00	LT BX	Meißelform gebogen Chisel bent	2,4 mm	0,8 mm	18,0 mm
		T005 44 427 99	LT AX	Meißelform gebogen 30° Chisel bent 30°	1,6 mm	0,8 mm	13,5 mm
		T005 44 428 99	LT 4X	Meißelform gebogen 30° Chisel bent 30°	1,2 mm	0,4 mm	16,5 mm
		T005 44 469 99	LT MX	Meißelform gebogen 30° Chisel bent 30°	3,2 mm	0,8 mm	19,3 mm
		T005 44 436 99	LT 1S	Rundform schlank Round slim	∅ 0,2 mm		15,0 mm
		T005 44 496 99	LT 1SNW	Rundform schlank unbenetzbar Round slim unwettable	∅ 1,0 mm		15,0 mm
		T005 44 488 99	LT 1SA	Rundform Round	∅ 0,5 mm		16,0 mm
		T005 44 435 99	LT 1	Rundform Round	∅ 0,25 mm		14,0 mm
		T005 44 489 99	LT 1A	Rundform Round	∅ 0,5 mm		14,0 mm
		T005 44 404 99	LT AS	Rundform Round	∅ 1,6 mm		13,5 mm
		T005 44 411 99	LT CS	Rundform Round	∅ 3,2 mm		13,5 mm
		T005 44 498 99	LT 1NW	unbenetzbar, verchromt Unwettable, chrome			
		T005 44 426 99	LT 1SLX	Rundform schlank gebogen 30° Round slim bent	∅ 2,0 mm	∅ 0,4 mm	20,5 mm
		T005 44 425 99	LT 1X	Rundform gebogen 30° Round bent 30°	∅ 0,4 mm		12,5 mm

LT- Spitzen für WP 80

Soldering Tips for WP 80



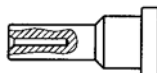
For more information about tip type series please visit



	Bestell-Nr. Order-No	Modell Model	Beschreibung Description	Breite A Width A	Dicke B Length B	Länge C Length C
	T005 44 439 99	LT 4	Rundform abgeschrägt 45° schlank Round sloped 45° slim	ø 1,2 mm		15,0 mm
	T005 44 408 99	LT F	Rundform abgeschrägt 45° Round sloped 45°	ø 1,2 mm		13,5 mm
	T005 44 487 99	LT AA60	Rundform abgeschrägt 60° lang Round slopes 60° long	1,6 mm	4,0 mm	13,0 mm
	T005 44 444 99	LT BB60	Rundform abgeschrägt 60° lang Round slopes 60° long	2,4 mm	4,0 mm	18,0 mm
	T005 44 484 99	LT BB45	Rundform abgeschrägt 45° lang Round slopes 45° long	2,4 mm		
	T005 44 445 99	LT CC60	Rundform abgeschrägt 60° lang Round sloped 60° long	3,2 mm	6,0 mm	18,0 mm
	T005 44 485 99	LT CC45	Rundform abgeschrägt 45° lang Round sloped 45° long	3,2 mm		
	T005 44 478 99	LT DD45	Rundform abgeschrägt 45° lang Round sloped 45° long	4,0 mm	6,0 mm	20,0 mm
	T005 44 486 99	LT DD45	Rundform abgeschrägt 45° lang Round sloped 45° long	4,6 mm	6,0 mm	20,0 mm
		T005 44 423 99	LT 1L	Konisch lang Conical long	ø 0,2 mm	
T005 44 498 99		LT 1LNW	Konisch lang unbenetzbar Conical long unwetttable	ø 0,1 mm		
T005 44 406 99		LT S	Konisch lang Conical long	ø 0,4 mm		21,0 mm
T005 44 482 99		LT T	Konisch lang Conical long	ø 0,6 mm		13,0 mm
T005 44 481 99		LT O	Konisch lang Conical long	ø 0,8 mm		17,0 mm
	T005 44 424 99	LT 1LX	Konisch lang gebogen Conical long bent	ø 0,2 mm		26,4 mm



For more information about tip type series please visit

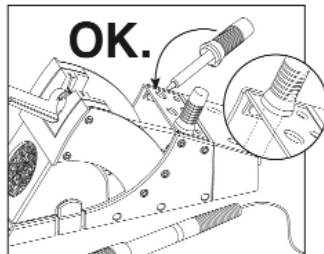
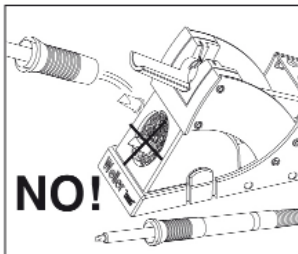
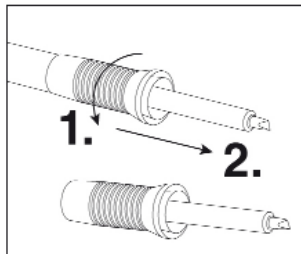
	Bestell-Nr. Order-No	Modell Model	Beschreibung Description	Breite A Width A	Dicke B Length B	Länge C Length C
	T005 44 410 99	LT GW	Lotdepotspitze 45° ø 2,3 mm Gull wing 45°		3,2 mm	18,8 mm
	T005 44 511 99	LT GW	Lotdepotspitze 45° ø 3,5 mm Gull wing 45°		4,8 mm	18,8 mm
	T005 44 479 99	LT KN	Messerspitze Knife tip		2,0 mm	16,5 mm
	T005 44 416 99		LT Messspitze für Thermoelement ø 0,5 mm LT Measuring tip for thermo element ø 0,5 mm			13,0 mm
	T005 44 449 99		LT Einschraubspitze mit M4 Außengewinde LT Screw in tip with M4 outside thread			8,0 mm

End-Nr. 99 Soldering tip single packaged

End-no. 10 Soldering tips (pack. of 10)

Spitzenhülsen für WP 80 Barrel for soldering irons

Bestell-Nr. Order-No	Beschreibung Description
T005 87 448 45	Spitzenhülse kurz (40 mm) für WP 80 Barrel short (40 mm) for WP 80
T005 87 448 46	Spitzenhülse lang (55 mm) für WP 80 Barrel short (55 mm) for WP 80

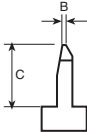
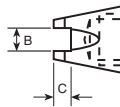



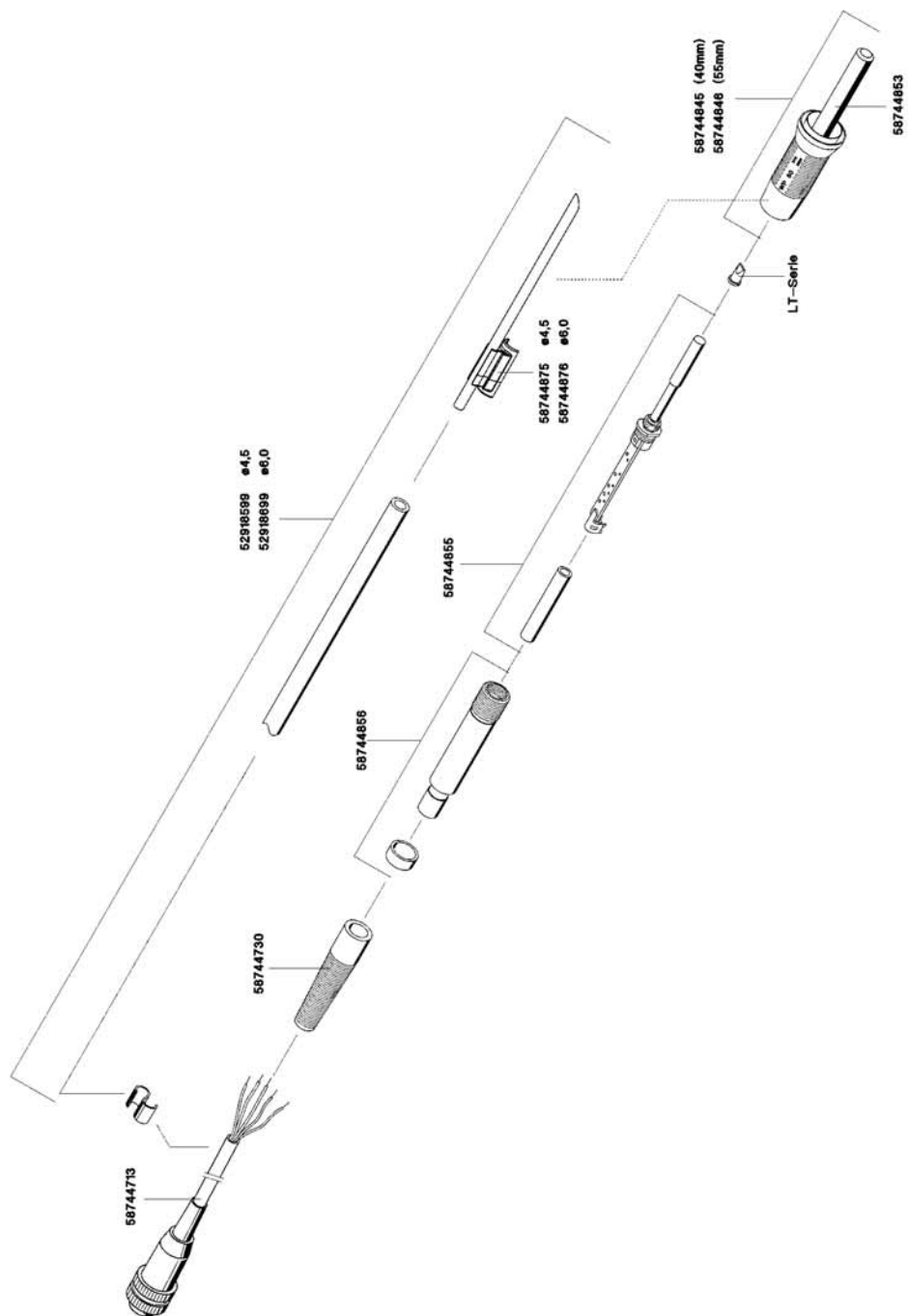
SMD Lötspitzen für WP 80

SMD Soldering Tips for WP 80

For more information about tip type series please visit



	Bestell-Nr. Order-No	Modell Model	Beschreibung Description	Breite A Width A	Dicke B Length B	Länge C Length C
	T005 44 501 99	SMT01	für PAD-Reinigung SMT01 for Blade	10,4 mm	0,6 mm	7,1 mm
	T005 44 429 99	SMT	für PAD-Reinigung SMT for Blade	10,5 mm	0,6 mm	7,5 mm
	T005 44 502 99	SMT02	für PAD-Reinigung SMT02 for Blade	16,8 mm	0,6 mm	7,1 mm
	T005 44 503 99	SMT03	für PAD-Reinigung SMT03 for Blade	20,8 mm	0,6 mm	7,1 mm
	T005 44 467 99	SMT	für PAD-Reinigung SMT for Blade	35,0 mm	3,0 mm	4,0 mm
	T005 44 504 99	SMT04	für Chip SMT04 for Slot	1,8 mm	3,4 mm	1,8 mm
	T005 44 505 99	SMT05	für Chip SMT05 for Slot	1,5 mm	2,3 mm	1,8 mm
	T005 44 506 99	SMT06	für Chip SMT06 for Slot	2,5 mm	1,7 mm	1,4 mm
	T005 44 507 99	SMT07	für Chip SMT07 for Slot	2,3 mm	4,5 mm	1,8 mm
		T005 44 508 99	SMT08	für DIP SMT08 for Tunnel	4,6 mm	5,1 mm
T005 44 509 99		SMT09	für DIP SMT09 for Tunnel	10,4 mm	5,1 mm	2,3 mm
T005 44 510 99		SMT10	für DIP SMT10 for Tunnel	11,5 mm	6,9 mm	2,3 mm



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