CFH

Quality,
that connects.

More than 30 years of experience. More than 100 employees.
A single objective: to be the best possible partner to all craftsmen and quality-conscious do-it-yourselfers.
At CFH this is possible thanks to our extensive, high-quality products and services provided for these sectors: soldering and welding · flame scarfing devices · weed burning devices · camping and leisure · plumbing
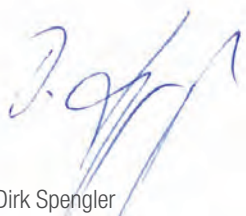
Sustainable in every respect
For many these might be just words, for us it's endorsed in everyday practice: real sustainability. How do we prove it?
A few examples:
· **Sustainable trust:** as a family business, we rely on continuity, reliability, and fair cooperation
· **Sustainable environmental consciousness:**
  we avoid using plastic in our packaging wherever possible.
· **Sustainable improvements:** we are constantly developing our products – because only the best is good enough for our customers
· **Sustainable integrity:** to the greatest extent possible, we produce, finish and pack all of our products in Offenau, which is close to Heilbronn

This and more to ensure your satisfaction. Take us at our word!

Dirk Spengler
Manager and Shareholder-managing director

CONTENTS

GAS SOLDERING DEVICES

Handcraft professional? A beginner? Doesn't matter – professional soldering and easy operation go hand-in-hand with CFH gas soldering devices. Suitable to solder, melt, harden, defrost, burn off, warm up, tin coat and deform plastics.

SOLDERING LAMP
PZO 7000

No. 52192 / without cartridge

⚡ Piezo

360°

🌡 730 °C

Ø 20 mm

FINE REGULATION VALVE
Powerful burner with fine adjustment valve for linear flame adjustments

POWERFUL BURNER
ø 20 mm for soft and hard soldering

PIEZO IGNITION
Reliable and convenient push-button ignition

WIND-RESISTANT
Wind-resistant burner stabilised flame

ROBUST ERGONOMICALLY SHAPED HANDLE
For easy single hand work

CFH PREMIUM

ROTATABLE
Suitable for all soldering positions

4 001845 521923

CFH

SOLDERING LAMP — LM 1000

52155 without cartridge

52156 includes 1 cartridge

52159 includes 5 cartridges

· Practical soldering device – ideal for beginners
· For soft and easy soldering work
· Powerful burner ø 21 mm with fine regulation valve for infinitely adjustable flame
· Suitable for repairs, installations, handicrafts, burning-off paint, weed killing, working with wood, tin coating and deforming plastics

Euro-standard holes		Packaging	●
Features	650 °C	No. 52149	Ø 21 mm

Item	No. 52155	No. 52156
EAN	4 001845 521558	4 001845 521565

Item	No. 52159
EAN	4 001845 521596

SOLDERING LAMP — LM 2000

52163 without cartridge

52165 includes 1 cartridge

· Cartridge soldering device with ergonomically shaped handle for easy single hand work
· Powerful burner ø 21 mm with fine regulation valve for infinitely adjustable flame, for soft and easier soldering
· Suitable for repairs, installations, handicrafts, burning-off paint, weed killing, working with wood, tin coating and deforming plastics

Euro-standard holes		Packaging	●
Features	650 °C	No. 52149	Ø 21 mm

Item	No. 52163	No. 52165
EAN	4 001845 521633	4 001845 521657

SOLDERING LAMP — PZ 5000

52188 without cartridge

52190 includes 1 cartridge

· Powerful turbo-burner ø 17 mm for soft and hard soldering
· With fine adjustment valve for linear flame adjustments
· Wind-resistant burner stabilised flame
· Reliable and convenient push-button ignition with professional piezo ignition
· Sturdy, ergonomically shaped handle for easy single hand work

Euro-standard holes		Packaging	●
Features	730 °C	No. 52149	Piezo	Ø 17 mm

Item	No. 52188	No. 52190
EAN	4 001845 521886	4 001845 521909

PIEZO COMPACT — PC 140

52140 includes
1 pressure gas cartridge

· High quality hand soldering unit
· The powerful special burner ø 17 mm concentrates and bundles the flame, saving energy while shortening the work time required
· Ideal for soft and hard soldering
· Reliable and convenient push-button ignition with professional piezo ignition
· Ergonomically shaped handle with flame adjustment dial simplifies single hand work

Euro-standard holes		Packaging	●
Features	730 °C	No. 52109	Piezo	Ø 17 mm

Item	No. 52140
EAN	4 001845 521404

9

SOLDERING KIT — LM 3000

52170 includes 2 cartridges

· Portable, powerful cartridge soldering device with hose ø 20 mm
· Suitable for all soldering positions
· For soft and hard soldering, heating-up, defrosting, burning-off
  and thermal processing of plastics and lighting charcoal barbecues
· Includes 1.3 m propane gas hose and steel clip for an easy fastening directly
  on working clothes

Euro-standard holes		Packaging	●
Features	⌷= 650 °C	No. 52149	
Item		No. 52170	
EAN			

4 001845 521701

BUNSEN LAB BURNER — BL 1700

**52172 includes
1 pressure gas cartridge**

· Powerful multi-purpose device for hobbyists and workshops
· For masterpieces in gold and lab works, heating up of test tubes, glass
  and plastic deformation, physics and chemistry tests as well as pouring
  of molten lead

Euro-standard holes		Packaging	●
Features	⌷= 650 °C	No. 52109	
Item		No. 52175	
EAN			

4 001845 521756

FINE SOLDERING TORCH — FB 131

52131 includes 1 SG 105 special gas

· Compact, handy multipurpose soldering device
· Ideal for spot soldering
· Infinitely adjustable flame
· Suitable for all soldering positions
· Powerful special soldering burner ø 14 mm
· Complete with practical stand

Euro-standard holes	●	Packaging	
Features	⌷= 690 °C	360°	ø 14 mm
Item		No. 52131	
EAN			

4 001845 521312

SOLDERING TORCH — LM 1750

**52130 includes 1 universal
pressure gas cartridge**

· Compact, handy multipurpose soldering device equipped with high-power
  turbo-burner
· Infinitely adjustable flame
· Burning capacity with a pressure gas cartridge is approx. 2.5 h
· Hard soldering of copper tubes up to ø 22 mm, soft soldering up to ø 28 mm
· Possible applications: Soft and hard soldering, flame scarfing, burning-off,
  melting, hardening

Euro-standard holes	●	Packaging	
Features	⌷= 700 °C	2,5 h	No. 52107, No. 52104 · ø 21 mm
Item		No. 52130	
EAN			

4 001845 521305

PROFI SOLDERING DEVICE — TS 1800

52132 includes 1 universal pressure gas cartridge

CFH PREMIUM

· Powerful hand-held device for soft and hard soldering with special burner ø 20 mm and reliable, easy-to-use piezo ignition
· Ideal for quick and uniform soldering of joints
· Ideal for copper soldering connections up to ø 15 mm and soft soldering up to ø 28 mm
· Soldering possible in all positions, includes a storage stand
· Other possible applications: heating-up, defrosting, burning-off and thermal plastic treatment

Euro-standard holes ●			Packaging	
Features	750 °C	360°	Piezo	Ø 20 mm
Item			No. 52132	
EAN			4 001845 521329	

PROFI MAN — PZ 2000

CFH PREMIUM

· Powerful, low consumption ø 20 mm burner
· Suitable for the connection to 5 kg, 11 kg and 33 kg propane gas bottles and with connecting valve CFH-No. 52121 (to be purchased separately) also for the universal pressure gas cartridge AT 2000 or CFH special gas AT 3000
· With piezo ignition, infinitely adjustable flame
· Soldering is possible in every position
· Includes gas hose 1.5 m 3/8" and safety rotating connection 3/8"

Euro-standard holes ●			Packaging	
Features	750 °C	Piezo	1,5 m	
Item		No. 52065		
EAN		4 001845 520650		

PROFESSIONAL TURBO BRAZING SET — TL 2000

52090 includes 1 universal pressure gas cartridge

· Professional high-power soldering lamp for both soft and hard soldering, equipped with powerful turbo-burner ø 20 mm and special soldering burner ø 14 mm, for spot soldering
· Also suitable to be connected to common propane-butane gas bottles
· Soldering is possible in every position
· Including a clip for an easy fastening directly on working clothes
· Including 1.5 m gas hose 3/8" and connection valve

Euro-standard holes ●				Packaging
Features	600 °C	Ø 14 mm	800 °C	Ø 20 mm
Item			No. 52090	
EAN			4 001845 520902	

TURBO HAND SOLDERING DEVICE — GT 2000

· Handle equipped with energy saving lever
· With high-quality Soldering turbo burner ø 24 mm
· Soldering is possible in every position
· Suitable for both hard and soft soldering of copper and steel tubes
· Powerful, practical hand soldering lamp to be connected to all conventional propane and butane gas bottles
· Includes 1.5 m gas hose 3/8"

Euro-standard holes ●				Packaging
Features	800 °C	Propane 5 kg · 11 kg	1,5 m	24 mm
Item			No. 52060	
EAN			4 001845 520605	

COPPER SOLDERING IRON — KL 143
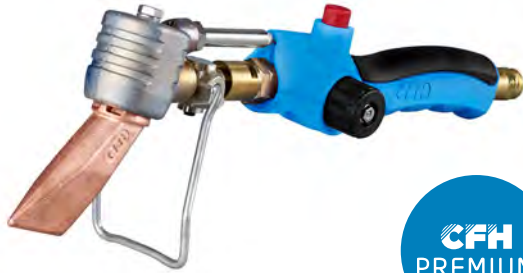
- High-power hammer soldering device, equipped with a 240 g high-quality copper head
- Possible applications: soft soldering of gutters, copper sheets and zinc-coated steel sheets with the thickness up to 1 mm
- Including stand and safety rotating connection, 3/8"
- With piezo ignition

CFH PREMIUM

Euro-standard holes	●	Packaging
Features	730 °C	Piezo
Item		No. 52143
EAN		4 001845 521435

REPLACEMENT TIP FOR 51932 & 52143 — ES 940

Item/EAN
No. 51940 / 235 g   4 001845 519401

REPLACEMENT TIP FOR 51932 & 52143 — ES 944

Item/EAN
No. 51944 / 315 g   4 001845 519449

COPPER SOLDERING IRON — KL 147

- High-power hammer soldering device, equipped with a high-quality copper head 350 g
- The copper piston can be removed by means of a screw, thus the device can also be used as a common soldering lamp ø 21 mm
- Possible applications: soft soldering of gutters, copper sheets and zinc-coated steel sheets with the thickness up to 1 mm
- Includes stand, wind protection and safety rotating connection, 3/8"

Euro-standard holes	●	Packaging
Features	730 °C 350 g	
Item		No. 52147
EAN		4 001845 521473

COPPER SOLDERING IRON — PK 932

- Mobile and powerful soldering iron for copper equipped with a 240 g high-quality copper head
- Convenient igniting at the push of a button by professional piezo ignition
- The soldering iron for copper can be operated with a gas cartridge of 60 g according to DIN EN 417 (CFH-No. 52105) (to be purchased separately).
- Possible applications: soft soldering of gutters, copper sheets and zinc-coated steel sheets with thickness up to 1 mm
- Incudes stand

CFH PREMIUM

Euro-standard holes	●	Packaging
Features	500 °C No. 52105 Piezo 360°	
Item		No. 51932
EAN		4 001845 519326

SOLDERING CASE TURBO SOLDERING PROFESSIONAL

LK 2000

· High quality 16-piece propane / butane hand soldering kit
· Soldering is possible in every position
· Soldering of capillary gaps for sanitary and heating installations
· Possible applications: For both soft and hard soldering of copper and steel tubes, sheet metal and shaped pieces, as well as melting, flame scarfing, heating-up, burning-off, defrosting, hardening and shrinking

Scope of delivery

· ø 27 mm soldering turbo burner with flame slabilisation
· ø 36 mm soldering turbo burner with flame slabilisation
· ø 20 mm soldering turbo burner with flame slabilisation
· ø 14 mm burner for fine soldering with flame stabilisation
· Attachment with copper piece 230 g
· Attachment with copper piece 100 g

· Wide burner
· Handle with energy-saving lever
· Pressure regulator 2.5 bar
· Gas hose 2 m 3/8"
· Gas lighter
· Burner supply line 30°
· Stand
· 2 x spanner
· Plastic carrying case

Euro-standard holes		Packaging	●
Features	850 °C		16
Item		**No. 52055**	
EAN			

4 001845 520551

TINSTONE

ZS 231

· Soldering tip tinner in a tin for copper shanks (copper soldering iron)
· Pressed metal powder Sn97Cu3 with inorganic activators
· Tins, cleans and maintains copper shanks in a single operation
· No sal ammoniac (no harmful fumes!)
· No intrusive, harmful fumes
· Long storage life
· Content 100 g in a resealable metal tin

Euro-standard holes	●	Packaging	
Item		**No. 52231**	
EAN			

4 001845 522319

WELDING FIX — SF 3100

CFH PREMIUM

- Portable and professional autogeneous welding and hard soldering equipment with oxygen (CFH-No. 52504) and AT 3000 high-power gas mixture (CFH-No. 52515)
- Powerful hard soldering device for installations and repairs
- Burner with a sharply focused flame, linearly adjustable
- Thickness working range 0.1 - 2.5 mm
- Suitable for all soldering positions

Scope of delivery

- Oxygen bottle 140 g
- AT 3000 high-power gas mixture
- Welding safety goggles
- 4 x nozzles (0.6 / 0.8 / 1.0 / 1.5 mm)
- Assembly key
- Comfortable back-frame
- Flashback arrestor
- Hose pack with oxygen backflow protection

Euro-standard holes	Packaging ●
Features 🌡 **1250 °C**	↓ A 0,1 - 2,5 mm ↑
Item	No. 52500
EAN	4 001845 525006

BURNER NOZZLE 1.5 MM — BD 502

Item	52502
EAN	4 001845 525020

MINI BURNER — MB 010

- Small multi-purpose burner with piezoelectric igniter
- Ideal for hobbyists, model building, workshops, lab work, outdoors, fine soldering work, shaping plastics
- The mini burner is equipped with see-through refill tank
- It may be refilled at the bottom of the torch with common gas for gas lighters (CFH-No. 52103/52096)

Euro-standard holes ●		Packaging	
Features 🌡 **650 °C**	⚡ **Piezo**		No. 52103 No. 52096
Item	No. 52010		
EAN	4 001845 520100		

UNIVERSAL BURNER — KB 80

52033 includes 1 x 100 ml refilling gas

CE

- The adjustable flame ensures suitability for melting of glass and various metals (tin, copper, aluminium, silver, gold, etc.) as well as for works with plastics
- There are many possible applications, suitable for laboratory works, electronic technicians, handicraft hobbyists or a variety of different uses in the kitchen
- It is ideal for Crème Brûlée, caramelizing, flambéing, cooking au gratin
- This universal device belongs in every household
- The integrated safety stand provides for high stability
- Infinitely adjustable
- It may be refilled with common gas for gas lighters (CFH-No. 52103/52096)

Euro-standard holes ●		Packaging	
Features 🌡 **650 °C**	⚡ **Piezo**	1x	No. 52103
Item	No. 52033		
EAN	4 001845 520339		

DIAMANT — M 20

· Multi-purpose soldering device for fine soldering
· Suitable for melting of glass and various metals (tin, copper, aluminium, silver, gold, etc.) as well as for works with plastics
· The gas soldering iron is equipped with small gas-tank
· It may be refilled at the bottom of the torch with common gas for gas lighters (CFH-No. 52103/52096)

Euro-standard holes	●	Packaging	
Features	650 °C		No. 52103 No. 52096
Item		No. 52020	
EAN		4 001845 520209	

DIAMANT — M 40

· Burner for fine soldering with open narrow flame, or for use with catalytic soldering pin (for electric applications)
· Suitable for melting of glass and various metals (tin, copper, aluminium, silver, gold, etc.)
· It may be refilled at the bottom of the torch with common gas for gas lighters (CFH-No. 52103/52096)

Euro-standard holes	●	Packaging	
Features	650 °C 1 x 1 x		No. 52103 No. 52096
Item		No. 52025	
EAN		4 001845 520254	

DIAMANT — M 28

· 10-piece multi-purpose soldering kit device for fine soldering
· Suitable for melting of glass and various metals (tin, copper, aluminium, silver, gold, etc.) as well as for works with plastics
· It may be refilled at the bottom of the torch with common gas for gas lighters (CFH-No. 52103/52096)

Euro-standard holes		Packaging	●
Features	650 °C		No. 52103 No. 52096
Item		No. 52028	
EAN		4 001845 520285	

DIAMANT — M 50

CFH PREMIUM

· The narrow flame ensures accurate performance
· Extra-class soldering iron for both soft and hard soldering
· Suitable for do-it-yourselfers and handicraftsmen, as well as for lab applications and schools
· The content of gas tank is sufficient for approximately 30 minutes of operation
· The integrated safety stand provides for high stability
· It may be refilled with common gas for gas lighters (CFH-No. 52103/52096)

Euro-standard holes	●	Packaging	
Features	650 °C Piezo		No. 52103 No. 52096
Item		No. 52030	
EAN		4 001845 520308	

GASES

CFH energy sources are the ideal companion when it really heats up again. The correct energy boost is guaranteed, whether it's for gas soldering and welding devices, Bio-Gärtner, barbecue lighters, gas lighters or camping cookers.

SPECIAL GAS
SG 105
No. 52105

THREAD CONNECTION
7/16" UNEF
AS PER EN 417 STANDARD

BUTANE

PROPYLENE

PROPANE

CONTENT 110 ml / 60 g

CFH PREMIUM

HIGH-POWER GAS MIXTURE
The internal sponge enables overhead work to be carried out without any preheating.

ROTATABLE
Suitable for immediate overhead work

4 001845 521053

BUTANE PRESSURE GAS CARTRIDGE | CF 211

· Butane
· Pressure gas cartridge
· Content 419 ml / 190 g

Item	No. 52149

EAN

4 001845 521497

BUTANE GAS CARTRIDGE | BG 98

· Butane
· Bayonet lock MFS 1A (SSN-29)
· Content 394.5 ml / 227 g

Item	No. 52098

EAN

4 001845 520988

UNIVERSAL PRESSURE GAS CARTRIDGE | AT 2000

· 30 % propane, 70 % butane
· Threaded rod 7/16" UNEF
· Content 600 ml / 330 g

Item	No. 52107

EAN

4 001845 521077

UNIVERSAL PRESSURE GAS CARTRIDGE | AT 7500

· 30 % propane, 70 % butane
· Threaded rod 7/16" UNEF
· Content 750 ml / 420 g

Item	No. 52104

EAN

4 001845 521046

UNIVERSAL PRESSURE GAS CARTRIDGE | UG 230

· 30 % propane, 70 % butane
· Threaded rod 7/16" UNEF
· Content 230 g

Item	No. 52109

EAN

4 001845 521091

UNIVERSAL PRESSURE GAS CARTRIDGE | UG 440

· 30 % propane, 70 % butane
· Threaded rod 7/16" UNEF
· Content 440 g

Item	No. 52108

EAN

4 001845 521084

ANTI FLARE — AF 99

· 30 % propane, 70% butane
· Suitable for immediate overhead work
· Threaded rod 7/16" UNEF
· Content 400 ml / 210 g

Item	No. 52099

EAN 4 001845 520995

SPECIAL GAS — AT 3000

· 65 % butane, 25 % propylene, 10 % propane
· High-power gas mixture
· For welding fix SF 3100 (CFH-No. 52500)
· Threaded rod 7/16" UNEF
· Content 600 ml / 330 g

Item	No. 52515

EAN 4 001845 525150

OXYGEN (O$_2$) — SF 504

· For welding fix SF 3100 (CFH-No. 52500)
· Threaded rod 11 x 1 L
· Contents 140 g

Item	No. 52504

EAN 4 001845 525044

OXYGEN (O$_2$) — SF 508

· For welding fix SF 3100 (CFH-No. 52500)
· Threaded rod 11 x 1 L
· Contents 316 g

Item	No. 52508

EAN 4 001845 525082

CFH

CARBON DIOXIDE (CO$_2$) — KD 512

· For MAG welding of non-alloyed and low-alloy steels
· For inert gas welding unit
· Threaded rod 10 x 1 R
· Contents 390 g

Item	No. 52512

EAN 4 001845 525129

ARGON (AR) — AR 514

· For MIG welding of high-alloy steel (high-grade steel)
· For inert gas welding unit
· Threaded rod 10 x 1 R
· Contents 100 g

Item	No. 52514

EAN 4 001845 525143

REFILLING GAS — NG 103

· 86 % butane, 14 % propane
· Different filling adapters
· Content 100 ml

Item	No. 52103

EAN 4 001845 521039

REFILLING GAS — NG 96

· 85 % butane, 15 % propane
· Different filling adapters
· Content 250 ml

Item	No. 52096

EAN 4 001845 520964

ELEKTRONIKLOT
Sn100NI+, bleifrei, EN ISO 9453
flussmittelgefüllt, EN ISO 9454, 2,5% Flux

CFH
70g
⌀ 1,0 mm

Enthält
Kolophonium,
kann allergische
Reaktionen
hervorrufen.

Charge:

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Bahnhofstr. 50 · D-74254 Offenau
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www.cfh-gmbh.de

No. 52224

TINNER
SALMIAKFREI - BLEIFREI
Zum Reinigen und Vorverzinnen
von Kupferlötkolben.

CFH
Charge:

15 g

CFH Löt- und Gasgeräte GmbH
Bahnhofstr. 50 · D-74254 Offenau
Tel. +49 7136 9594-0 · Fax +49 7136 9594-44
www.cfh-gmbh.de

ELECTRIC SOLDERING DEVICES

Real decision-makers and creative minds rely on CFH electric soldering devices. CFH electrical soldering devices are best suitable in the fields electro-engineering, electronic, radio engineering, model making, Tiffany glass art, shaping of sheet and much more.

CFH

ELECTRIC SOLDERING IRON
E 15
No. 52198

≈ 1:30 min

370 °C

15 W / 230 V ~ 50 Hz

BI-COMPONENT HANDLE
Easy to hold

IDEAL FOR MICRO-ELECTRONICS

FLEXIBLE CABLE
For ease of use

CU SOLDERING TIP
Nickel-plated Cu bits, pencil-shaped included

HEATING-UP TIME
about 1.5 mins

15 W / 230 V ~ 50 HZ

SAFETY STAND INCLUDED

CE

GS

4 001845 521985
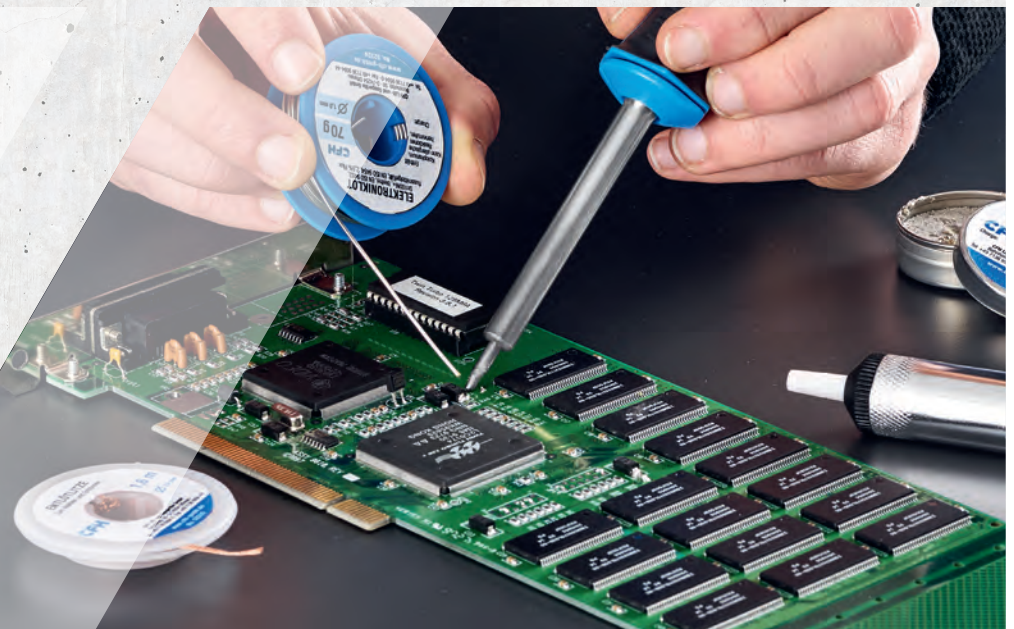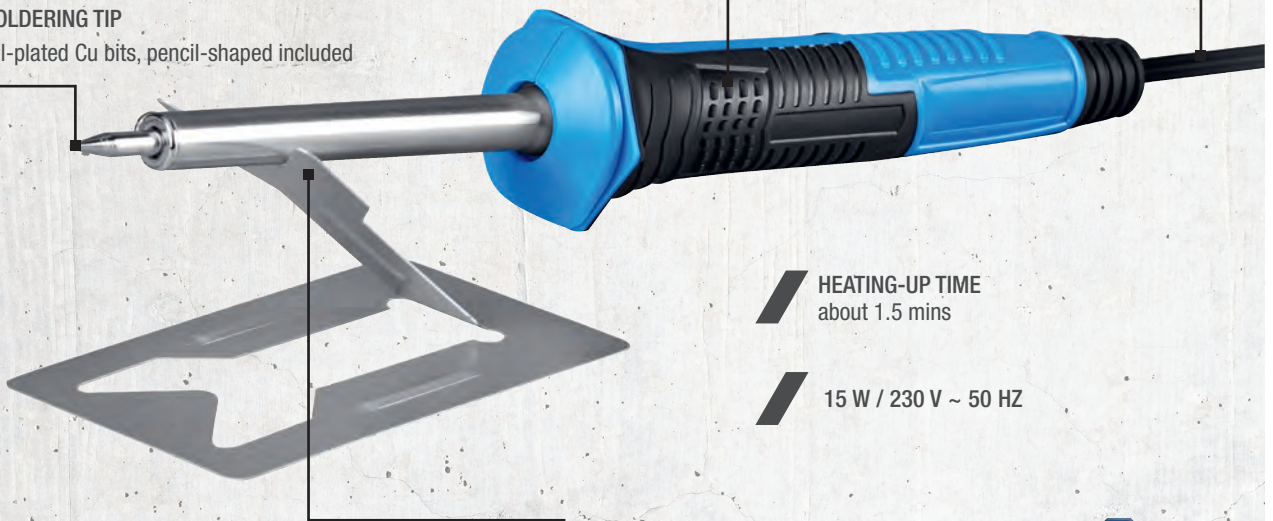
ELECTRIC SOLDERING IRON — E 20

- · For small joints or temperature-sensitive joints
- · As well as wires up to 1.5 mm^2
- · Nickel-plated Cu bits, pencil-shaped included
- · Heating-up time about 1:30 minutes
- · Safety stand included
- · 20 W / 230 V ~ 50 Hz

Euro-standard holes	●	Packaging	
Features	370 °C	≈ 1:30 min	20 W / 230 V ~ 50 Hz
Item		No. 52200	

EAN

4 001845 522005

ELECTRIC SOLDERING IRON — E 60
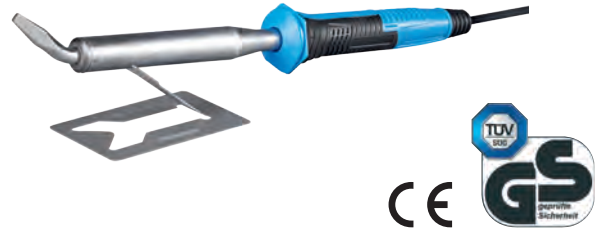
- · For soldering in the field of electronics, Hi-Fi, radio, thin metal sheets with the maximum thickness of up to 0.5mm
- · Soldering of jumper wires up to 2 mm^2
- · Nickel-plated Cu bits, chisel shaped included
- · Heating-up time 2.0 minutes
- · Safety stand included
- · 60 W – 230 V ~ 50 Hz

Euro-standard holes	●	Packaging	
Features	460 °C	≈ 2:00 min	60 W / 230 V ~ 50 Hz
Item		No. 52202	

EAN

4 001845 522029

ELECTRIC SOLDERING IRON — E 100
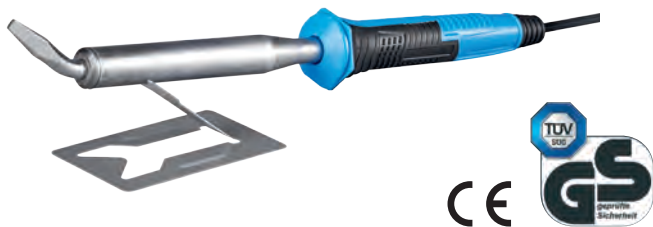
- · Suitable for electro-engineering applications, for heavy metal works
- · Suitable for soldering of copper wires up to 3.0 mm^2 as well as thin sheets up to 1.0 mm
- · Soldering of tin-coated sheets and thin sheets up to 0.8 mm^2
- · Soldering of jumper wires up to 2.5 mm^2
- · Nickel-plated Cu bits, chisel shaped included
- · Heating-up time 2.5 minutes
- · Safety stand included
- · 100 W / 230 V

Euro-standard holes	●	Packaging	
Features	500 °C	≈ 2:30 min	100 W / 230 V ~ 50 Hz
Item		No. 52206	

EAN

4 001845 522067

REPLACEMENT SOLDERING TIP 15 W — LS 129

Features		No. 52198	15 Watt
Item		No. 52129	

EAN

4 001845 521299

REPLACEMENT SOLDERING TIP 20 W — LS 126

Features		No. 52200	20 Watt
Item		No. 52126	

EAN

4 001845 521268

REPLACEMENT SOLDERING TIP 60 W / 100 W — LS 127

Features		No. 52202 No. 52206	60 / 100 Watt
Item		No. 52127	

EAN

4 001845 521275

SOLDERING STATION — LD 48

- · For hobby and professional electronics technicians in the field of electronics, fine electronics, model-building, and much more.
- · Electronic, exact temperature selection in steps of 1 °C
- · Temperature range infinitely adjustable from 150 °C - 420 °C
- · Complete including iron support and cleaning sponge
- · Operating voltage: primary AC 230 V ~ 50 Hz, secondary 24 volts for soldering iron
- · Large LED display indicating the target and actual value
- · Short heating-up time
- · 48 W / 230 V

Euro-standard holes		Packaging	●
Features	150 - 420 °C	No. 52216	
Item		No. 52216	
EAN			

4 001845 522166

ELECTRIC SOLDERING GUN — EP 211

- · Very robust high-speed soldering gun, ideally suited for electronics, model making and universal use in workshops, service, DIY and hobby sectors
- · With nickel-plated Cu soldering loop and bi-component handle
- · For jumper wires up to 1.5 mm^2 and small to medium soldering lugs
- · For small series soldering in fast soldering sequence
- · For thin sheets up to approx. 0.4 mm
- · Very fast heat-up time of only 12 seconds
- · 100 W / 230 V ~ 50 Hz

Euro-standard holes		Packaging	●
Features	330 °C	12 s	100 W / 230 V ~ 50 Hz
Item		No. 52211	
EAN			

4 001845 522111

"CHISEL" SHAPED, 1.2 MM SOLDERING TIP — LS 215

	No. 52216	1.2 mm
Item		No. 52215
EAN		

4 001845 712185

"CHISEL" SHAPED, 3.2 MM SOLDERING TIP — LS 218

	No. 52216	3.2 mm
Item		No. 52218
EAN		

4 001845 522180

"PENCIL" SHAPED 1.2 MM SOLDERING TIP — LS 219

	No. 52216	1.2 mm
Item		No. 52219
EAN		

4 001845 522197

REPLACEMENT SOLDERING TIP 100 W — LS 213

	No. 52211
Item	No. 52213
EAN	

4 001845 522135

BATTERY SOLDERING IRON — BK 212

CE

- · To be used in the field of hobby and electronics
- · Ideal for fine soldering of printed circuit boards
- · Including protective covering
- · Batteries are not included
  (3 x 1.5 V AA needed)
- · 6 W / 4.5 V

Euro-standard holes	●	Packaging	
	550 °C	6 W / 4.5 V	
Item		No. 52212	

EAN

4 001845 522128

CORDLESS SOLDERING IRON — AK 214

CFH PREMIUM

CE

- · USB-C charging port, charging cable and safety cap are included in the package
- · Power supply is not included (manufacturer's recommendation 2.1 A)
- · Indicator light shows battery charge level
- · LED display shows you when it is ready for use
- · Maximum working temperature: approx. 550 °C
- · 12 W / 3.7 V

Euro-standard holes		Packaging	●
Features	550 °C	12 W / 3.7 V	USB Type-C
Item		No. 52214	

EAN

4 001845 522142

WOOD BURNING IRON — BM 245/BM 30

52245 with accessories
52244 without accessories

CE   GS TÜV

- · For inscribing and creative branding on wood, leather and cork
- · As 15-piece set (CFH-No. 52245) with 6 writing and painting tips for different line widths as well as 7 stamps with different patterns
- · As single item (CFH-No.52244) with 1 writing and painting tip
- · With safety stand, bi-component handle and flexible cable
- · 30 W / 230 V ~ 50 Hz

Euro-standard holes	●		Packaging	●	
	550 °C	15	6	7	30 W / 230 V ~ 50 Hz
Item	No. 52245		No. 52244		

EAN

4 001845 522456   4 001845 522449

INSCRIBING AND DRAWING TIPS — SM 250

- · For inscribing and creative branding on wood, leather and cork
- · 6 tips with different thicknesses:

Euro-standard holes	●	Packaging	
		No. 52244 No. 52245	
Item		No. 52250	

EAN

4 001845 522500

STAMP SET — ST 252

- · For decoration and creative branding on wood, leather and cork
- · 7 stamps with different patterns: ✖ ⊙ ⊡ ◁ ❀ ◫ ◎

Euro-standard holes	●	Packaging	
		No. 52244 No. 52245	
Item		No. 52252	

EAN

4 001845 522524

SOLDERING TIP CLEANER — LR 232

· Wear-free cleaning of the soldering tip
· More gentle than a conventional, wet soldering sponge
· Brass wool in heat-resistant silicone container

Euro-standard holes ●	Packaging
Item	No. 52232
EAN	4 001845 522326

TINNER — TI 228

· For cleaning and tinning soldering tips
· Pressed metal powder Sn97Cu3 with inorganic activators
· Ammonia-free (no harmful vapours), lead-free
· Increases the service life of the soldering tips
· Long storage life
· Resealable can with adhesive pad on the bottom of the can
· Contents 15 g

Euro-standard holes ●	Packaging
Item	No. 52228
EAN	4 001845 522289

SAL AMMONIAC STONE — SN 345

· For gentle cleaning of soldering iron tips
· 65 x 45 x 20 mm
· Weight 80 g

Euro-standard holes	Packaging ●
Item	No. 52345
EAN	4 001845 523453

SOLDERING GREASE — FM 342

· Soldering flux for soft soldering of both copper and copper alloys for all-purpose soldering, DIN EN 9454-1, 3214
· Content 20 g

Euro-standard holes ●	Packaging
DIN EN ISO 9454-1, 3214	20 g
Item	No. 52342
EAN	4 001845 523422

SOLDERING ASSISTANT — LA 240

· Suitable for soldering in the fields of electro-engineering, model-building, etc
· Equipped with omni-directional adjustable clips
· The ideal aid for all filigree soldering works when you need both hands for working

Euro-standard holes		Packaging	●
Item		No. 52240	
EAN			

4 001845 522401

PROFESSIONAL SOLDERING ASSISTANT — LA 241

· Magnifier with 2.5x and 5x magnification
· For soldering in the electronics sector, model making and much more
· Equipped with omni-directional adjustable clips
· The ideal aid for all delicate soldering projects where you use both hands
· Required for work
· With a practical clamp for attaching the soldering assistant
· With integrated magnetic holder
· Fold-out feet for more stability

Euro-standard holes		Packaging	●
Item		No. 52241	
EAN			

4 001845 522418

DESOLDERING PUMP — EP 237

· Suitable for soldering in the fields of electro-engineering, model-building, etc
· Use for removing of soldering points before replacing electronic components

Euro-standard holes	●	Packaging	
Item		No. 52237	
EAN			

4 001845 522371

DESOLDERING BRAID — EL 235

· Extremely absorbent copper strand soaked with soldering flux
· For de-soldering of constructional elements as well as for removing of excessive soldering compound
· Width 2.0 mm, length 1.6 m

Euro-standard holes	●	Packaging	
	2,0 mm	1.6 m	
Item		No. 52235	
EAN			

4 001845 522357

SOLDERS AND FLUXES

With our (premium) ECO TIN products, you create all your projects with complete accuracy – in addition to helping to protect the environment and ensure work safety and fair working conditions. Lead-free solders, solder pastes, fluxes and soldering accessories for soft and hard soldering processes on copper, gunmetal, brass, steel and stainless steel, grey and malleable cast iron, nickel (alloys) and much more.

ELECTRONIC SOLDER
EL 316/319

No. 52316 / 6 g, No. 52319 / 70 g

6 g / 70 g

227 °C

Ø 1.0 mm

CFH PREMIUM

FAIR RESOURCING
Sustainable, fairly traded, environmentally friendly

Perfectly tailored to the needs of lead-free soldering technology in electronics

IMPROVED SOLDERING PROPERTIES
With new flux recipe based on synthetic resins (free of colophony)

Sn100Ni+ | Sn99,3CuNiGe -
Silver-free soldering alloy with optimum price-performance ratio, gentle on soldering tips, excellent soldering results

ELEKTRONIKLOT
PREMIUM ECO TIN
Sn100Ni+ | Sn99,3CuNiGe, bleifrei, EN ISO 9453, flussmittelgefüllt, EN ISO 9454, 2,2% Flux

CFH

70 g

Ø 1,0 mm

Frei von Kolophonium.

Charge:

31124 86/11/20 CFH Löt- und Gasgeräte GmbH
Bahnhofstr. 50 · D-74254 Offenau
Tel. +49 7136 9594-0 · Fax +49 7136 9594-44
www.cfh-gmbh.de
No. 52319

4 001845 523163
No. 52316 / 6 g

4 001845 523194
No. 52319 / 70 g

ECO TIN
FAIR RESOURCING

Soft soldering from sustainable and fair resources

Promotes work safety

Fair payment

Gives children a carefree childhood

Environment-friendly

ELECTRONIC SOLDER — EL 324/322

52324 / 70 g	
52322 / 200 g	

· Filled with flux
· Suitable for fine soldering in electro engineering
· Sn100Ni+ - EN ISO 9453; Flux1131 - EN ISO 9454-1

Euro-standard holes	●		Packaging	
Features	227 °C	Ø 1.0 mm	70 g / 200 g	
Item	No. 52324		No. 52322	
EAN	4 001845 523248		4 001845 523224	

HOBBY SOLDER — BL 329/327

52329 / 70 g	
52327 / 200 g	

· Solder filled with flux
· For all-purpose soldering
· Unsuitable for electronic soldering
· Sn99.3Cu0.7 - EN ISO 9453; Flux 2131 - EN ISO 9454-1

Euro-standard holes	●		Packaging	
Features	227 °C	Ø 2.0 mm	70 g / 200 g	
Item	No. 52329		No. 52327	
EAN	4 001845 523293		4 001845 523279	

FITTINGS SOLDER — WL 340/339

52340 / 100 g	
52339 / 250 g	

· For soft soldering of copper pipes in cold and hot water installations
· In drinking water installations
· Thermal resistance up to 110 °C
· To be used in connection with the thread sealing paste (CFH-No. 52348)
  or flux for fittings (CFH-No. 52347)
· Sn97Cu3 - EN ISO 9453

Euro-standard holes	●		Packaging	
Features	310 °C	Ø 3.0 mm	100 g / 250 g	
Item	No. 52340		No. 52339	
EAN	4 001845 523408		4 001845 523392	

RADIO SOLDER — RL 318/334

52318 / 6 g	
52334 / 70 g	

· Filled with flux,
· Suitable for electrical works, for telecommunication
  devices, as well as for all-purpose soldering on copper (alloys)
· Sn99Cu1; EN ISO 9453, 9454

Euro-standard holes	●		Packaging	
Features	227 °C	Ø 1.0 mm / 2.0 mm	6 g / 70 g	
Item	No. 52318		No. 52334	
EAN	4 001845 523187		4 001845 523347	

TIN-LEAD SOLDER ROD FOR COOPER SHEET
SK 366

TIN-LEAD SOLDER ROD FOR ZINC SHEET
SZ 377/369

52377/2 triangular bars 295 mm

52369/4 triangular bars 400 mm

· For soldering of copper gutters and down-pipes, as well as for soldering of copper sheets in the field of roofing, without previous riveting
· Sn97Cu3 - EN ISO 9453
· Only together with the soldering solution copper sheet (CFH-No. 52368)
· 2 pieces

· For soldering of fine zinc and zinc alloys in the field of roofing
· Sn91Zn9 - EN ISO 9453
· It is to be only used with CFH soldering solution for zinc sheet (CFH-No. 52372)

Euro-standard holes	●		Packaging	
Features	227 - 310 °C	2 x 333 mm		No. 52368
Item		No. 52366		
EAN		4 001845 523668		

Euro-standard holes	●		Packaging	
Features	200 °C	2 x 295 mm / 4 x 400 mm		No. 52372
Item		No. 52377		No. 52369
EAN		4 001845 523774		4 001845 523699

SILVER HARD SOLDER — SH 320

· Suitable for soldering of gaps in various steel types, copper and copper alloys
· Suitable for both gas and water piping
· Ag 145 - EN ISO 17672
· Flux-coated; FH 10 - EN 1045
· 1 piece

Euro-standard holes	●	Packaging	
Features	670 °C	1.5 mm	1 x 333 mm
Item		No. 52320	
EAN		4 001845 523200	

GERMAN SILVER HARD SOLDER — NH 300

· For joining steel, cast iron, annealed casts, nickel and nickel alloys - robust and hard
· Cu 773 - EN ISO 17672
· Flux-coated; FH 21 - EN 1045
· 5 pieces

Euro-standard holes	●	Packaging	
Features	910 °C	2.0 mm	5 x 333 mm
Item		No. 52300	
EAN		4 001845 523002	

BRASS SOLDER — MH 305

· Especially suitable for corrosion-resistant soldering of galvanised steel sheets
· Cu 671 - EN ISO 17672
· Flux-coated; FH 21 - EN 1045
· 5 pieces

Euro-standard holes	●	Packaging	
Features	900 °C	2.0 mm	5 x 333 mm
Item		No. 52305	
EAN		4 001845 523057	

COPPER-PHOSPHORUS HARD SOLDER — KH 310

· Suitable for soldering of gaps in copper, brass, and red bronze
· For copper-to-copper soldering, no additional flux needed
· Soft soldering flux to solder copper tubes in drinking water and heating installation
· CuP 179 - EN ISO 17672
· 5 pieces

Euro-standard holes	●	Packaging	
Features	730 °C	2.0 mm	5 x 333 mm
Item		No. 52310	
EAN		4 001845 523101	

SOLDERING FLUX FOR SILVER SOLDER — FM 343

· Hard soldering flux to solder copper, brass red brass and steel
· Particularly suitable to solder using CFH copper and silver solders
· Flux FH 10 - EN 1045
· Content 25 g

Euro-standard holes ●	Packaging

Item	No. 52343

EAN

4 001845 523439

SOLDERING FLUID — FM 344

· Soldering flux for all-purpose soldering (cooler construction, plumbing works)
· Suitable for soft soldering of iron, steel, brass and tinplate
· Suitable for Tiffany soldering
· Flux 3114 - EN ISO 9454-1
· Content 25 ml

Euro-standard holes ●	Packaging

Item	No. 52344

EAN

4 001845 523446

SOLDERING FLUX FOR FITTINGS — FM 347

· Soft soldering flux to solder copper tubes in drinking water and heating installation
· Using the fittings solder (CFH-No. 52339 and 52340)
· Flux 3114 - EN ISO 9454-1
· Content 20 g

Euro-standard holes ●	Packaging

Item	No. 52347

EAN

4 001845 523477

SOLDERING PASTE FOR FITTINGS — FP 348

· Soft soldering metal paste for instant use for soft soldering and soft soldering of copper tube installations
· Using the fittings solder (CFH-No. 52339 and 52340)
· Metal powder Sn97Cu3 - EN ISO 9453
· Flux 3114 - EN ISO 9454-1
· Content 100 g

Euro-standard holes ●	Packaging

Item	No. 52348

EAN

4 001845 523484

SOLDERING FLUID COPPER SHEET | LWK 368

· Special soldering flux for soft soldering for roofers
· Used together with bar tin solder (CFH-No. 52366)
· For copper gutters, downpipes and steel sheets, brass and copper alloys
· Flux 3114 - EN ISO 9454-1
· Content 100 g

Euro-standard holes	●	Packaging	

Item	No. 52368

EAN

4 001845 523682

SOLDERING FLUID ZINC SHEET | LWZ 372

· Special soldering flux for soft soldering for roofers
· Used together with bar tin solder (CFH-No. 52369)
· For gutters and downpipes as well as steel sheets for titan zinc, galvanised steel sheet and fine zinc
· Flux 3114 - EN ISO 9454-1
· Content 100 g

Euro-standard holes	●	Packaging	

Item	No. 52372

EAN

4 001845 523729

CLEANING FLEECE | RV 349

· Metal-free cleaning fleece for all metals usable for quick and smooth cleaning of soldered joint without metallic abrasion
· For removing surface corrosion and for correctly soldered joints
· Is solvent resistant, removes grease and oily residues, can be cleaned by tapping or washing
· Reusable
· Content 5 pieces

Euro-standard holes	●	Packaging	

Item	No. 52349

EAN

4 001845 523491

FITTINGS SOLDERING SET | FS 298

Euro-standard holes	●	Packaging	

Item	No. 52298

EAN

4 001845 522982

Fittings solder
· Sn97Cu3 - EN ISO 9453
· Working temperature: approx. 270 °C
· Note: only to be used with soldering paste for fittings or with soldering flux for fittings

Cleaning fleece
· Metal-free cleaning fleece for all metals usable for quick and smooth cleaning of soldered joint without metallic abrasion
· For removing surface corrosion
· Is solvent resistant, removes grease and oily residues, can be cleaned by tapping or washing
· Reusable
· Content 3 pieces

Soldering paste for fittings
· Sn97Cu3 - EN ISO 9453; Flux 3114 - EN ISO 9454-1
· Soft soldering metal paste for instant use for soft soldering and soft soldering of copper tube installations using the fittings solder (CFH-No. 52339 and 52340)

LIGHTERS

For anyone who always needs a lighter: No matter if as classical type or as wind-resistant all-rounder, gas and petrol lighters are reliable companions for leisure, hobby and camping. With elongated shaft, perfectly suitable to light hard-to-reach places. e.g. chimneys, wind lights, ovens, gas heaters, fondue burners, gas and charcoal barbecues.

CFH

GAS LIGHTER
MAXI FLEXIBEL TURBO

No. 52448, No. 52449 includes refilling gas

⚡ **Piezo**

CFH PREMIUM

FLEXIBLE METAL SHAFT
Thus ignition of hard-to-reach places

· Length 34,5 cm
· Adjustable height of flame
· Refillable with common gas
  for gas lighters (CFH-No. 52103/52096)

TURBO FLAME

PERFECT FOR LIGHTING
Perfectly suitable for lighting candles in high glass stands and wind lights, fondue burners, chimneys, ovens, gas heaters and barbecues

GAS CONTROL WINDOW, CHILD LOCK AND SUSPENSION TURBO FLAME

TÜVRheinland
ZERTIFIZIERT
Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung
www.tuv.com
ID 1111235818

4 001845 524481
No. 52448

4 001845 524498
No. 52449 incl. refilling gas

GAS LIGHTER SUPER MINI — GA 472

- · Length 10.5 cm
- · Adjustable height of flame
- · Refillable with common gas for gas lighters (CFH-No. 52103/52096)
- · With piezo-ignition

Display	●
Features	⚡ Piezo
Item	No. 52472
EAN	4 001845 524726

GAS LIGHTER MINI — GA 436

- · Length 13.5 cm
- · Child lock
- · Refillable with common gas for gas lighters (CFH-No. 52103/52096)
- · With piezo-ignition

Display	●
Features	⚡ Piezo
Item	No. 52436
EAN	4 001845 524368

GAS LIGHTER MAXI — GA 442

- · Length 28 cm
- · Adjustable height of flame
- · Refillable with common gas for gas lighters (CFH-No. 52103/52096)
- · With gas control window, child lock and suspension
- · Perfectly suitable for lighting candles in high glass stands and wind lights, fondue burners, chimneys, ovens, gas heaters and barbecues
- · With piezo ignition

Display	●
Features	⚡ Piezo
Item	No. 52442
EAN	4 001845 524429

GAS LIGHTER MAXI FLEXIBEL — GA 446

- · Length 33.5 cm
- · Adjustable height of flame
- · Refillable with common gas for gas lighters (CFH-No. 52103/52096)
- · With gas control window, child lock and suspension
- · Flexible metals shaft, thus ignition of hard-to-reach places
- · Perfectly suitable for lighting candles in high glass stands and wind lights, fondue burners, chimneys, ovens, gas heaters and barbecues
- · With piezo ignition

Display	●
Features	⚡ Piezo
Item	No. 52446
EAN	4 001845 524467

GAS LIGHTERS — GF 484

· Electronic gas lighters
· Refillable with common gas for gas lighters (CFH-No. 52103/52096)
· In a set of 3 pieces

Display	●
Features	CONFORMS TO ISO 9994:2018
Item	No. 52484
EAN	4 001845 524849

GAS LIGHTER FANCY — GF 486

· High quality gas lighter
· Wind resistant turbo-jet technology - ignites in the windiest conditions
· Infinitely adjustable flame
· Includes child lock
· Rubberised soft-touch surface
· Refillable with common gas for gas lighters (CFH-No. 52103/52096)

Display	●
Item	No. 52486
EAN	4 001845 524863

LIGHTER PETROL — FB 101

· For petrol lighters
· For cleaning purpose for household, hobby and vehicles
· Dissolves grease, oil, tar, labels, ski wax and much more
· Content 133 ml

Display	●
Item	No. 52101
EAN	4 001845 521015

ARC LIGHTER MINI POCKET | LF 433

· Includes USB charging cable (mains adapter not included)
· For lighting candles, barbecues and fires
· With arc technology
· Rechargeable battery: 1 lithium 220 mAh, 5 V

Display	●
Features	USB
Item	No. 52433
EAN	4 001845 524337

CE

ARC LIGHTER MAXI | LF 435

· Includes USB charging cable (mains adapter not included)
· For lighting candles, barbecues and fires
· With arc technology
· Rechargeable battery: 1 lithium 180 mAh, 5 V

Display	●
Features	USB
Item	No. 52435
EAN	4 001845 524351

CE

ARC LIGHTER MAXI FLEXI | LF 437

· Includes USB charging cable (mains adapter not included)
· For lighting candles, barbecues and fires
· With arc technology
· Rechargeable battery: 1 lithium 180 mAh, 5 V

Display	●
Features	USB
Item	No. 52437
EAN	4 001845 524375

CE

43

FLAME SCARFING DEVICES

If something has to be heated up or sealed correctly, it's better not to compromise: CFH flame scarfing devices make bitumen and tar work as well as concrete drying easy to do by hand and pond liners and roof insulations can also be optimally sealed. They are the first choice when it comes to thoroughly removing moss or weeds.

The gas hoses included in the scope of delivery can be connected to common 5, 11 and 33 kg propane gas bottles. The 2.5 bar gas pressure regulator (CFH-No. 52114) is essential for all CFH flame scarfing devices.

CFH
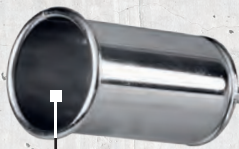
FLAME SCARFING DEVICE
PROFI PA 079
No. 52079

Propane 5 kg · 11 kg · 33 kg	1800 °C
5 m	

CFH PREMIUM

INCLUDED
· 5 m 3/8" rubber hose
· And stand

BI-COMPONENT HANDLE
· With 2 valves
· Unscrewable
· With pilot flame handle to save energy

SPECIAL BURNER
Burner ø 60 mm with air intake holes

TÜV GS geprüfte Sicherheit

4 001845 520797
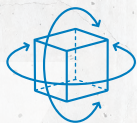
ROTATABLE
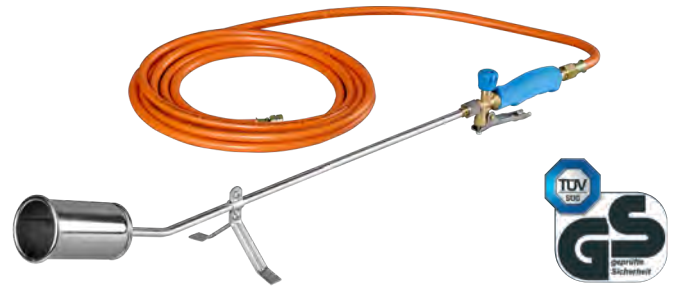The safety connection is rotatable

FLAME SCARFING DEVICE — ST 500

- · Ø 50 mm burner
- · Handle equipped with energy saving lever
- · Very short pipe – ideal for hard-to-reach places
- · Bi-component handle can be unscrewed
- · Includes 1.5 m, 3/8" hose and stand

Euro-standard holes ●		Packaging	
1800 °C	Propane 5 kg · 11 kg · 33 kg	Ø 50 mm	1.5 m

Item	No. 52074
EAN	4 001845 520742

FLAME SCARFING DEVICE — F 10

- · Ø 60 mm burner
- · Handle equipped with energy saving lever
- · Removable screw handle
- · Includes 5 m, 3/8" hose and stand

Euro-standard holes ●		Packaging	
>1800 °C	Propane 5 kg · 11 kg · 33 kg	Ø 60 mm	5 m

Item	No. 48100
EAN	4 001845 481005

FLAME SCARFING DEVICE — ST 1000/GV 900

52084 incl. pressure regulator 2.5 bar

- · Ø 60 mm burner
- · Handle equipped with energy saving lever
- · Removable Bi-component screw handle
- · Includes 5 m hose 3/8" and stand

Euro-standard holes ●		Packaging	
1800 °C	Propane 5 kg · 11 kg · 33 kg	Ø 60 mm	5 m

Item	No. 52082	No. 52084
EAN	4 001845 520827	4 001845 520841

FLAME SCARFING DEVICE — PZ 6000

CFH PREMIUM

- · Special burner Ø 60 mm
- · Handle equipped with energy saving lever
- · Piezo ignition
- · Removable Bi-component screw handle
- · Burner with air suction nozzles
- · Includes 5 m hose 3/8" and stand

Euro-standard holes ●		Packaging	
1800 °C	Piezo	Ø 60 mm	5 m

Item	No. 52078
EAN	4 001845 520780

ACCESSORIES FOR GAS SOLDERING AND FLAME SCARFING DEVICES

Those who value durability and functionality rely on CFH accessories: quality-tested, guaranteed compatibility and safety, makes your scarfing and soldering projects uncomplicated.

PROPANE REGULATOR 2.5 BAR
DR 112
No. 52112

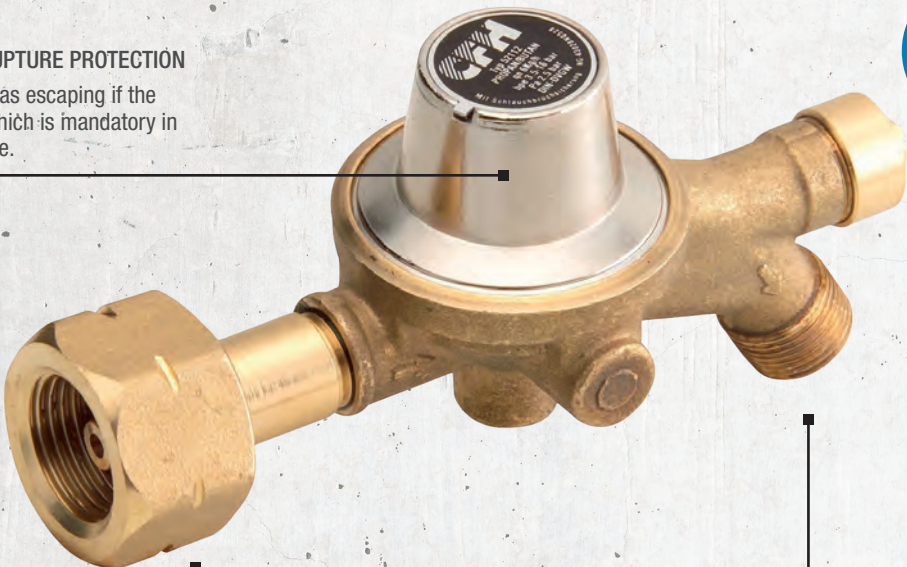|			
Propane 5 kg · 11 kg · 33 kg		2.5 bar	
G 3/8" LH		6 kg/h	

WITH HOSE RUPTURE PROTECTION
Stops further gas escaping if the hose breaks which is mandatory in commercial use.

CFH PREMIUM

· Inlet - G.5 / outlet - H.6 3/8" as per EN 16129
· 6 kg/h flow

CE   DIN DVGW product

4 001845 521121

PROPANE REGULATOR 2.5 BAR — DR 114

CE · DVGW product

· Suitable for all soldering devices with hose, heating-up burners and flame-scarving devices
· Inlet - G.5 / outlet - H.6 3/8" as per EN 16129
· 6 kg/h flow
· Equipped with combined connection for 5-, 11- and 33 kg propane gas bottles
· Also available with connection for CH (CFH-No. 52272), BE (CFH-No. 52268) and SE (CFH-No. 52270)

Euro-standard holes	●		Packaging	
Features	Propane 5 kg · 11 kg · 33 kg	2.5 bar	G 3/8" LH	6 kg/h

Item	No. 52114

EAN	4 001845 521145

PROPANE REGULATOR 1 - 4 BAR — DR 113

CE · DVGW product

· Ideal for heating-up burners and flame scarfing devices
· Inlet - G.5 / outlet - H.6 3/8" according to EN 16129
· Guaranteed flow rate 10 kg/h
· Infinitely adjustable

Euro-standard holes	●		Packaging	
Features	Propane 5 kg · 11 kg · 33 kg	1 - 4 bar	G 3/8" LH	10 kg/h

Item	No. 52113

EAN	4 001845 521138

PROPANE REGULATOR 1 - 4 BAR — DR 115

CE · DVGW product

· Ideal for heating-up burners and flame scarfing devices
· Infinitely adjustable by means of a manometer
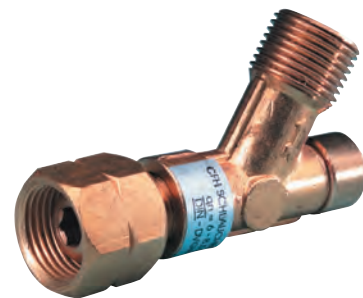· Inlet - G.5 / outlet - H.6 3/8" according to EN 16129
· 6-10 kg/h flow

Euro-standard holes	●		Packaging	
Features	Propane 5 kg · 11 kg · 33 kg	1 - 4 bar	G 3/8" LH	6 - 10 kg/h

Item	No. 52115

EAN	4 001845 521152

HOSE RUPTURE PROTECTION — SB 118

DVGW product

· Prevents subsequent gas escape in case of hose burst
· Inlet - G.25 / outlet - H.6 3/8" as per EN 16129
· 6 - 8.5 kg/h flow
· Installation directly on the pressure regulator

Euro-standard holes	●	Packaging
Features	G 3/8" LH	

Item	No. 52118

EAN	4 001845 521183

GAS HOSE — VS 300/500

52123 / 3 m	
52122 / 5 m	

· Plastic hose
· 3/8" LH on both sides
· Suitable for all flame scarfing devices
· Maximum permissible pressure: 10 bar

Euro-standard holes	●	Packaging	
Features			
	3 / 5 m	G 3/8" LH	10 bar

Item	No. 52123	No. 52122
EAN	4 001845 521220	4 001845 521220

GAS HOSE — VS 758/780

52758 / 2 m	
52780 / 10 m	

· Rubber hose, which is highly flexible even at low temperatures
· 3/8" LH on both sides
· Suitable for all flaming devices
· Maximum permissible pressure: 20 bar

Euro-standard holes	●	Packaging	
Features			
	2 / 10 m	G 3/8" LH	20 bar

Item	No. 52758	No. 52780
EAN	4 001845 527581	4 001845 527802

ANTI-ROTATION PROTECTION — VS 120

· To be mounted between the handle of the device and the hose
· Inlet - G.25 / outlet - H.6 3/8" according EN 16129
· Avoids hose wrapping

Euro-standard holes	●	Packaging	
Features			
		G 3/8" LH	

Item	No. 52120
EAN	4 001845 521206

CONNECTING VALVE — AV 121

· Suitable for common propane-butane pressure gas cartridges with gas supply valve according to DIN EN 417
· Outlet H.6 3/8" according EN 16129
· For propane gas bottle soldering devices with gas hose 3/8" LH

Euro-standard holes	●	Packaging	
Features			
	No. 52107	No. 52104	G 3/8" LH

Item	No. 52121
EAN	4 001845 521213

STEEL BOTTLE — PG 750

· For self-filling from 3 kg, 5 kg and 11 kg propane gas bottles
· Gas filling adapter CFH-No. 52754 is always needed
· For 1 litre propane gas

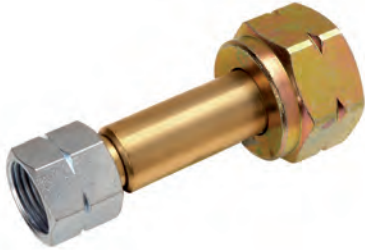| Item	No. 52750
EAN	4 001845 527505

ADAPTER FOR 1 KG STEEL BOTTLE — AS 752

· Adapter for steel bottle PG 750 (CFH-No. 52750)
· For connecting a pressure regulator with inlet G.5

Item	No. 52752
EAN	4 001845 527529

GAS FILLING ADAPTER — MS 754

· Gas filling adapter for self-filling of a small 1 kg propane bottle from 3 kg, 5 kg and 11 kg propane gas bottles
· Inlet - G.5 according EN 16129 / outlet 3/8" LH

Euro-standard holes	●	Packaging	
Features	No. 52750	R 3/8" L, W 21,8 x 11/4" L	
Item	No. 52754		

EAN

4 001845 527543

LEAK DETECTION SPRAY CONTROL PLUS — LS 110

· To find leaky positions for gas and compressed air lines, containers tube lines, hoses, screw connections, weld seams, flange connections and fittings
· Content 150 ml

Item	No. 52110	

EAN

4 001845 521107

GAS TROLLEY — GT 89

Regardless of whether you want to burn off the weeds in the garden or light the gas barbecue: using our gas-bottle trolley is the smart way to transport a heavy gas bottle.

· A steel bottle can easily be secured in place on the trolley's platform using the safety chain and the lock
· 2 x hose hooks
· A practical holder for flame scarfing devices
· An ergonomic handle
· Air-filled rubber wheels
· Dimensions: max. H x W x D: approx. 1,000 x 460 x 260 mm.
· For holding 5 kg or 11 kg propane gas bottles
· Load capacity: max. 25 kg

Item	No. 52089

EAN

4 001845 520896

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PLUMBING TOOLS

What you need to know about smart tools for assemblies and repairs Professional and easy to use with clean results.You bring the expertise. You will find that we have the appropriate, clever tools that you will want to use.

CFH

**PLASTIC
PIPE CUTTER**

KA 756

No. 51756

⌀ **42 mm**

/ **WITH SAFETY CLIP**
With stainless steel blade

/ Ideal for installers,
mechanics and fitters

/ For effortless cutting
of plastic pipes and multilayer pipes
of up to ⌀ 42 mm

4 001845 517568

CORNER PIPE WRENCH 45° — EZ 702

- · Clamping range: 1" / 42 mm
- · Length: 325 mm
- · Narrow, specially shaped opening, self-clamping with captive adjusting nut
- · Chrome-vanadium-steel
- · Offset toothing offset against the direction of rotation

Euro-standard holes ●	Packaging
Features △ 45°	⌀ 1" / 42 mm
Item	No. 51702
EAN	4 001845 517025

CORNER PIPE WRENCH 45° — EZ 704

- · Clamping range: 1 1/2" / 60 mm
- · Length: 415 mm
- · Narrow, specially shaped opening, self-clamping with captive adjusting nut
- · Chrome-vanadium-steel
- · Offset toothing offset against the direction of rotation

Euro-standard holes ●	Packaging
Features △ 45°	⌀ 1 1/2" / 60 mm
Item	No. 51704
EAN	4 001845 517049

CORNER PIPE WRENCH 45° — EZ 706

- · Clamping range: 2"/ 70 mm
- · Length: 530 mm
- · Narrow, specially shaped opening, self-clamping with captive adjusting nut
- · Chrome-vanadium-steel
- · Offset toothing offset against the direction of rotation

Euro-standard holes ●	Packaging
Features △ 45°	⌀ 2" / 70 mm
Item	No. 51706
EAN	4 001845 517063

FITTING PLIERS — AZ 718

- · Clamping range: 1" / 35 mm
- · Length: 12 1/2" / 320 mm
- · Chrome-vanadium-steel
- · Careful and safe gripping of fittings, polished surfaces, sheets and screw connections
- · Incl. protective jaws made of plastic

Euro-standard holes ●	Packaging
Features ↔ 12 1/2" / 320 mm ⌀ 1" / 35 mm ∠ 90°	
Item	No. 51718
EAN	4 001845 517186

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WATER PUMP PLIERS — WZ 712

· Clamping range: 1" / 28 mm
· Length: 7" / 170 mm
· Chrome vanadium steel
· Safe gripping of tubes
· 6-position adjustable

Euro-standard holes ●	Packaging
Features	
↦ 7" / 175 mm	⌀ 1" / 28 mm

Item	No. 51712

EAN	

4 001845 517124

WATER PUMP PLIERS — WZ 714

· Clamping range: 1 1/4" / 32 mm
· Length: 10" / 235 mm
· Chrome vanadium steel
· Safe gripping of tubes
· 7-position adjustable

Euro-standard holes ●	Packaging
Features	
↦ 10" / 250 mm	⌀ 1 1/4" / 32 mm

Item	No. 51714

EAN	

4 001845 517148

WATER PUMP PLIERS — WZ 716

· Clamping range: 1 1/2" / 42 mm
· Length: 12" / 300 mm
· Chrome vanadium steel
· Safe gripping of tubes
· 7-position adjustable

Euro-standard holes ●	Packaging
Features	
↦ 12" / 300 mm	⌀ 1 1/2" / 42 mm

Item	No. 51716

EAN	

4 001845 517162

SYPHON PLIERS — SZ 770

· Clamping range: 18 - 64 mm
· Length: 10" / 250 mm
· To tighten and unscrew screw connections on plastic tubes
· Schraubverbindungen
· 4-position adjustable

Euro-standard holes ●	Packaging
Features	
↦ 10" / 250 mm	⌀ 18 - 64 mm

Item	No. 51770

EAN	

4 001845 517704

TUBE CUTTER — RA 722

· Suitable for aluminium, copper,
  brass and thin-walled steel tubes from 1/8" to 7/8"
· Handy with small operating radius with cut nearby the flange
· Tube cutter Ø 3 - 22 mm / 1/8" - 7/8"

Euro-standard holes ●	Packaging
Features	
∅ 3 - 22 mm 1/8" - 7/8"	1x
Item	**No. 51722**
EAN	4 001845 517223

TUBE CUTTER — RA 724

· Suitable for aluminium, copper,
  brass and thin-walled steel tubes from 1/8" to 1 1/8"
· Handy with small operating radius with cut nearby the flange
· Tube cutter Ø 3 - 28 mm / 1/8" - 1 1/8"

Euro-standard holes ●	Packaging
Features	
∅ 3 - 28 mm 1/8" - 1 1/8"	1x
Item	**No. 51724**
EAN	4 001845 517247

TUBE CUTTER — RA 728

includes spare cutter wheel

· Suitable for aluminium, copper, brass
  and thin-walled steel tubes from 1/8" to 1 1/4"
· With fold-out inner reamer and spare cutter wheel in the handle
· Tube cutter Ø 3 - 32 mm / 1/8" - 1 1/4"

Euro-standard holes ●	Packaging
Features	
∅ 3 - 32 mm 1/8" - 1 1/4"	2 x
Item	**No. 51728**
EAN	4 001845 517285

TUBE CUTTER — RA 730

includes spare cutter wheel

· Suitable for aluminium, copper, brass
  and thin-walled steel tubes from 1/8" to 1 3/8"
· With fold-out inner reamer and spare cutter wheel in the handle
· Tube cutter Ø 6 - 35 mm / 1/4" - 1 3/8"

Euro-standard holes ●	Packaging
Features	
∅ 6 - 35 mm 1/4" - 1 3/8"	2 x
Item	**No. 51730**
EAN	4 001845 517308

SPARE CUTTER WHEEL FOR 51722/28 — ES 794

Features	No. 51722 No. 51728	5x
Item	**No. 51794**	
EAN	4 001845 517940	

SPARE CUTTER WHEEL FOR 51724/30 — ES 796

Features	No. 51724 No. 51730	5x
Item	**No. 51796**	
EAN	4 001845 517964	

PLASTIC TUBE CUTTER — KA 754

· With stainless steel blade, automatically returns at the push of a button
· Ideal for installers, mechanics and fitters
· For effortless cutting of plastic tubes and multilayer tubes of up to Ø 36 mm

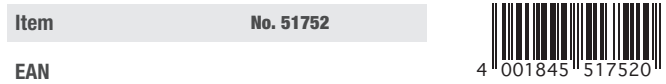| Euro-standard holes	●	Packaging	
Features	Ø 36 mm		
Item		No. 51754	
EAN		4 001845 517544	

COPPER TUBE BENDING SPRING — KB 748/750/752

| 51748 ø 10 mm |
| 51750 ø 12 mm |
| 51752 ø 15 mm |

· For manual bending of soft copper tubes
· Bent cone, cadmium-plated

Euro-standard holes	●	Packaging	
Features	10/12/15 mm		
Item	No. 51748		No. 51750
EAN	4 001845 517483		4 001845 517506
Item	No. 51752		
EAN			4 001845 517520

TUBE BENDER — RB 746

· Accurate two-hand bending of tubes of up to 180° made of
  soft copper, brass, aluminium Ø 6 - 8 - 10 mm; 1/4" - 5/16" - 3/8"
· Usable in lots of fields, such as: climate and refrigeration engineering,
  oil supply, automobile, hydraulic and compressed air supply

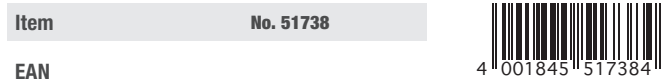| Euro-standard holes	●	Packaging	
Features	≤ 180°	Ø 6 - 8 - 10 mm 1/4" - 5/16" - 3/8"	
Item		No. 51746	
EAN		4 001845 517469	

INTERIOR BRUSH FOR COPPER TUBE — KI 734/736/738

| 51734 ø 15 mm |
| 51736 ø 18 mm |
| 51738 ø 22 mm |

· For quick cleaning of solder joints
· Stable handle

Item	No. 51734		No. 51736
EAN	4 001845 517346		4 001845 517360
Item	No. 51738		
EAN			4 001845 517384

PIPE DEBURRER — IA 742

· To deburr the cutting surfaces on copper, aluminium and soft steel pipes
· The ground and hardened steel blades guarantee smooth surfaces without grooves
· Ø 6 - 40 mm

Euro-standard holes	●	Packaging	
Features	Ø 6 - 40 mm		
Item		No. 51742	
EAN			

4 001845 517421

VARIABLY ADJUSTABLE RATCHET — RA 784

· R/L 1/2"
· With adjustable square spanner and resilient pin, clockwise and anti-clockwise turning by adjusting the connection square spanner
· Chrome vanadium steel
· Usable with e.g. universal ratchet wrench US 782 (CFH-No. 51782)

Euro-standard holes	●	Packaging	
Features	No. 51782	R/L 1/2"	
Item		No. 51784	
EAN			

4 001845 517841

SANITARY CROSS WRENCH — SK 830

· Suitable for plumbing
· For tap elongations: 3/8"; 1/2"; 3/4"; 1"
· Internal thread for hanger bolts and threaded bolts M8, M10, M12
· External hex-key for construction plugs: 10, 12, 17, 22 mm

Euro-standard holes	●	Packaging	
Features	3/8", 1/2", 3/4", 1"	10, 12, 17, 22 mm	M8, M10, M12
Item		No. 51830	
EAN			

4 001845 518305

UNIVERSAL RATCHET WRENCH — US 782

· Bihexagonal, step shaping 3/8"; 1/2"; 3/4"; 1"
· Mounting and dismounting of lockshields, radiator valve nipples and short tap extensions
· Adjustable ratchet as an accessory RA 784 (CFH-No. 51784)

Euro-standard holes	●	Packaging	
Features	No. 51784	3/8" - 1/2" - 3/4" - 1"	
Item		No. 51782	
EAN			

4 001845 517827

BASIN WRENCH — SH 772

· Clamping range: 10 - 32 mm / 3/8" - 1 1/4"
· Length: 10" / 250 mm
· Slewable handle
· Slewable jaw for clockwise and anti-clockwise turning
· Ideal for assembly and disassembly of washbasin / sink fittings,
  single lever mixing tap, etc
· Especially for hard-to-reach fitting nuts

Euro-standard holes	●	Packaging	
Features	250 mm		10 - 32 mm
Item		No. 51772	
EAN		4 001845 517728	

AERATOR TOOL KEY — MS 798

· Easy replacement of the sieve for commercial fittings,
  without leaving unsightly scratches
· Aerator tool key for M20, M22, M24, M28

Euro-standard holes	●	Packaging	
Features	∅	M20, M22, M24, M28	
Item		No. 51798	
EAN		4 001845 517988	

UNIVERSAL TOILET SEAT & SANITARY INSTALLATION WRENCH — WSM 850

· The universal toilet seat & sanitary installation wrench with hinge is perfectly
  suitable to unscrew or tighten different screw connections of toilet seats
· You do not need any other tools since this installation wrench combines
  a variety of tools
· The universal installation wrench for toilet seats is made of very robust
  plastic material

Euro-standard holes	●	Packaging	
Features	→ 10 mm		
	→ 13 mm		
Item	No. 51850		
EAN		4 001845 518503	

HEMP IN DISPENSER — HA 790

· Ideal for tightening threads of any kind
· Wrap the hemp tight into the thread of the tubes and other screw threads
  in order to obtain a high and durable tightness
· To be used in connection with the thread sealing paste
  GP 800 (CFH-No. 51800)
· Content 40 g

Euro-standard holes	●	Packaging	
Features	**40 g**		
Item		No. 51790	
EAN		4 001845 517902	

THREAD SEALING PASTE — GP 800

· Non-hardening sealing paste for metal thread connections for household installations, gas and drinking-water supply as well as heating systems
· To be used with sealing compound carrier (e.g. hemp CFH-No. 51790)
· Content 50 g

Euro-standard holes	●	Packaging
Features		No. 51790
Item		No. 51800
EAN		4 001845 518008

TEFLON TAPE IN DISPENSER — TB 792

· For neat tightening of screw threads made of metal or plastic
· Content 12 m

Euro-standard holes	●	Packaging
Features	12 m	
Item		No. 51792
EAN		4 001845 517926

63

TIN SNIPS | BS 766

· For steel sheets with a thickness of up to 1.2 mm
· For short, straight figure cuts
· Self-opening legs

Euro-standard holes ●		Packaging
Features	1.2 mm	
Item		No. 51766
EAN		4 001845 517667

TIN SNIPS CUT LEFT | BS 760

· For steel sheets with a thickness of up to 0.45 mm
· Ergonomic handles with slip guard
· Cutting of radii
· Self-opening legs

Euro-standard holes ●		Packaging
Features	0.45 mm	
Item		No. 51760
EAN		4 001845 517605

TIN SNIPS CUT RIGHT | BS 764

· For steel sheets with a thickness of up to 0.45 mm
· Ergonomic handles with slip guard
· Cutting of radii
· Self-opening legs

Euro-standard holes ●		Packaging
Features	0.45 mm	
Item		No. 51764
EAN		4 001845 517643

TIN SNIPS CUT LEFT/RIGHT/STRAIGHT | BS 762

· For steel sheets with a thickness of up to 0.45 mm
· Ergonomic handles with slip guard
· Cutting of radii
· For short, straight figure cuts
· Self-opening legs

Euro-standard holes ●		Packaging
Features	0.45 mm	
Item		No. 51762
EAN		4 001845 517629

SCREW HOLE PUNCH — SL 786/788

51786 ø 32 mm
51788 ø 35 mm

· Ideal for rapid and burr-free punching of steel, copper and aluminium sheets
· 3-point start of cut for neat and uniform punching
· Suitable for hard-to-reach areas such as sinks, switchboards, etc

Euro-standard holes	●	Packaging	
Features	Ø 32 / 35 mm		
Item	No. 51786	No. 51788	
EAN			

4 001845 517865

4 001845 517889

PIPE CLEANING SPIRAL — RS 810

· With return drill of Ø 6 mm
· Ease of use
· Cleaning without chemicals
· Suitable for broader pipelines
· Rapid and effective removal of obstructions
· Length: 3 m

Euro-standard holes	●	Packaging	
Features	Ø 6 mm	↔ 3 m	
Item	No. 51810		
EAN			

4 001845 518107

PIPE CLEANING SPIRAL — RS 818

· With return drill of Ø 25 mm
· Ease of use
· Cleaning without chemicals
· Suitable for broader pipelines
· Rapid and effective removal of obstructions
· Length: 5 m

Euro-standard holes	●	Packaging	
Features	Ø 25 mm	↔ 5 m	
Item	No. 51818		
EAN			

4 001845 518183

PIPE CLEANING SPIRAL — RS 820

· With return drill of Ø 25 mm
· Ease of use
· Cleaning without chemicals
· Suitable for broader pipelines
· Rapid and effective removal of obstructions
· Length: 7 m

Euro-standard holes	●	Packaging	
Features	Ø 25 mm	↔ 7 m	
Item	No. 51820		
EAN			

4 001845 518206

BIO-GÄRTNER

Does weed grow rampantly in spring and summer? Does moss start spreading in the autumn? Does the pavement freeze over in the winter? No problem – with our help you can eliminate all of these annoying disruptions. Quick, efficient and environmentally friendly.

The operating principle of weed killing

When killing weeds they are not burnt off, but the plant cells are heated up to 70° – 95 °C. Due to the quick rise in temperature the cell fluid expands, the cell walls burst, the protein coagulates and the weeds die. For that purpose it is sufficient that only the upper third part of the plant is flame treated. Keep a distance of approximately 10 cm from the burner head to the plant. The use of this technique is completely non-toxic! Pollutants neither get into our food chain nor into our waters.

BIO-GÄRTNER DELUXE
PZ 7000

No. 52625 includes 1 universal pressure gas cartridge

> 1000 °C

Piezo

≈ 2,5 h

PIEZO IGNITION
Professional piezo-ignition in handle

ERGONOMICALLY SHAPED HANDLE
Simple operation due to the ergonomically shaped handle and regulation valve

THE CARTRIDGE'S BLEEDER VALVE CLOSES AUTOMATICALLY
No further gas can escape when the pressure gas cartridge is unscrewed

CFH PREMIUM

· Economical consumption
· Reliable and convenient push-button ignition

No. 52625 includes 1 universal pressure gas cartridge.

4 001845 526256

CFH

BIO-GÄRTNER — PZ 1500

includes 1 universal pressure gas cartridge

TÜV SÜD GS geprüfte Sicherheit

· Equipped with chromium-plated burner and pipe
· Reliable and convenient push-button ignition with professional piezo ignition
· Easy operation with regulation valve
· When screwing off the pressure gas cartridge, the bleeder valve of the cartridge closes automatically and no more gas may escape
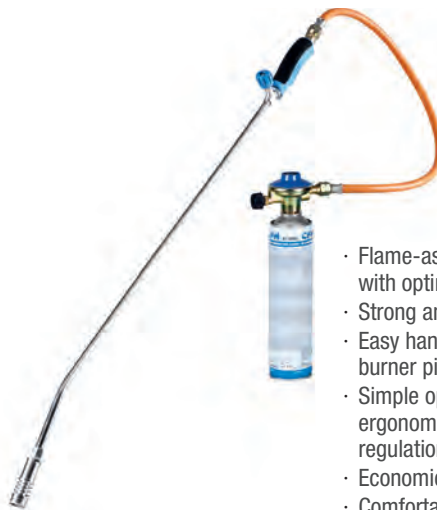· Economical consumption

Euro-standard holes	●	Packaging	
Features	> 1100 °C	Piezo	≈ 2 h
Item		No. 52655	
EAN			

4 001845 526553

BIO-GÄRTNER — CW 3300

52611 includes 1 universal pressure gas cartridge & includes wide burner

· Flame-assisted aluminium burner with optimised air intake
· Easy handling thanks to angled burner pipe
· Simple operation thanks to the ergonomically shaped handle and regulation valve
· When the pressurised gas container is unscrewed, the extraction valve on the container closes automatically and no more gas can escape
· Economical consumption
· Including wide burner

Euro-standard holes	●	Packaging	
Features	> 1100 °C		≈ 2.5 h
Item		No. 52611	
EAN			

4 001845 526119

BIO-GÄRTNER — PZ 4000

includes 1 universal pressure gas cartridge

TÜV SÜD GS geprüfte Sicherheit

· High-quality aluminium burner
· Simple handling
· Reliable and convenient push-button ignition with professional piezo ignition
· Simple operation due to the ergonomically shaped handle and regulation valve
· When screwing off the pressure gas cartridge, the bleeder valve of the cartridge closes automatically and no more gas may escape
· Economical consumption

Euro-standard holes	●	Packaging	
Features	Piezo	≈ 2.5 h	
Item		No. 52640	
EAN			

4 001845 526409

BIO-GÄRTNER — CW 9600

CFH PREMIUM

· Flame-assisted aluminium burner with optimised air intake
· Strong and constant flame for hours
· Easy handling thanks to angled burner pipe
· Simple operation thanks to the ergonomically shaped handle and regulation valve
· Economical consumption
· Comfortable handling thanks to cartridge holder for belts

Euro-standard holes	●	Packaging	
Features	> 1100 °C	≈ 3 h	
Item		No. 52621	
EAN			

4 001845 526218

E-JOINT BRUSHES AND BIO-GÄRTNER

E for electric – E for easy. For all those who value biological sustainability and at the same time want to efficiently tackle problem zones on paved areas and in the garden, our joint brushes and E-Bio-Gärtner products are the ideal choice. Weeds, black ice and the like don't stand a chance.

BATTERY JOINT BRUSH
AFB 681

No. 52681

1x 1x

96 cm – 119 cm

1200/min

HIGH QUALITY TELESCOPIC
Adjustable from approx. 95 cm to 119 cm

INCLUDES
Nylon and metal brush, charger and
20 V battery with LED capacity display
(battery capacity: 40 Wh)

· Electric joint cleaner
· For removing weeds and moss from joints
  without having to bend over
· Speed: 1.200/min

· With guide wheel and orientation mark
· Spray guard around the brush
· Easy brush changing

CE

4 001845 526812

REPLACEMENT BATTERY — ESA 690

· Replacement battery for the AFB 681 cordless joint brush (CFH-No. 52681)
· 20 V, 2 Ah, 40 Wh

Euro-standard holes	●	Packaging	●
Item		No. 52690	

EAN	

4 001845 526904

METAL BRUSH — ESB 692

· Replacement brush for the cordless joint brush AFB 681 (CFH-No. 52681)

Euro-standard holes	●	Packaging	●
Item		No. 52692	

EAN	

4 001845 526928

E-JOINT BRUSH — EFB 675

· High quality telescopic adjustable from approx. 95 cm to 123 cm
· Powerful motor and drive: Motor 230 V, Power 400 W
· Electric joint cleaner
· For removing weeds and moss from joints without having to bend over
· With guide wheel and orientation mark
· Spray guard around the brush
· Easy brush changing
· Incl. nylon and metal brush
· Speed: 1,800 rpm

Euro-standard holes	●	Packaging	
Features	400 W 1800/min 95 cm – 123 cm 1x 1x		
Item		No. 52675	

EAN	

4 001845 526751

CE

REPLACEMENT BRUSHES FOR E-JOINT BRUSH — EFB 678

· Replacement brushes for the EFB 675 electric joint brush (CFH-No. 52675)

Euro-standard holes	●	Packaging	
Features	1x 1x		
Item		No. 52678	

EAN	

4 001845 526782

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E-BIO-GÄRTNER — EBG 666

· Ideal for weed killing and for lighting barbecues
· Integrated cone nozzle for weed killing
· Ergonomic handle and secure support stand
· Proven and tested cable strain relief
· Short warm-up time to reach the perfect operating temperature
· Rated power: 2000 W
· Air flow: 550 litres/minute
· Temperature (nozzle outlet): 650 °C

Euro-standard holes	●		Packaging	
Features				
	2000 W	650 °C		35 cm
Item			**No. 52666**	
EAN				

4 001845 526669

E-BIO-GÄRTNER — EBG 664

· Optimised burner attachment for excellent application results
· Practical bayonet lock
· Telescopic handle adjustable
· Proven cable strain relief
· Safe deposit stand
· Short warm-up time to reach the perfect operating temperature
· With two temperature settings: 60 °C / 650 °C
· Including accessories (grill attachment)

Euro-standard holes	●		Packaging		
Features					
	2000 W	650 °C / 60 °C	2 m		
Item			**No. 52664**		
EAN					

4 001845 526645

WEED BRUSH SET — UBS 670

· Removes annoying grass, moss and weeds easily and effortlessly
· Top-quality telescopic handle, adjustable from 82 cm to 143 cm
· Including 2 different attachment brushes (joint brushes-, surface brush attachment)

Euro-standard holes	●		Packaging	
Features				
	82 cm - 143 cm		1x	1x
Item			**No. 52670**	
EAN				

4 001845 526706

WELDING MACHINES

Are you a do-it-yourselfer or a hobbyist and have ambitious projects? Or do you need welding applications for farming, car repair shops, plumbers or locksmiths? You can find the right equipment for all your needs here.

INVERTER WELDING MACHINE
ISG 147
No. 52881

CFH PREMIUM

MADE IN EUROPE
★ PREMIUM QUALITY ★

PORTABLE, SINGLE-PHASE INVERTER WELDING UNIT
with fan, for electrode welding using the MMA method with direct current (DC) and strip ignition, usable electrodes: rutile and basic electrodes

HIGH WELDING CURRENT STABILITY
when changing the supply voltage

INCLUDES
Protective welding shield, protective welding goggles, brush with slag hammer, ground clamp and electrode holder

TECHNICAL DETAILS

Material to be welded:	Steel, stainless steel, cast iron
Usable electrodes:	1.5 - 3.25 mm rutile- & basic electrodes
Other Technical equipment:	Arc Force, Hot Start, Anti Stick
Mains voltage:	230 V
Maximum idle voltage:	48 V
Control range:	10 - 120 A
Line frequency:	50 - 60 Hz
Single-phase network voltage:	230 V
Line fuse:	14.5 A
Insulation class:	H
Degree of protection:	IP 21 S
Weight:	3.5 kg
Dimensions (H x W x D):	ca. 28.5 x 12 x 25.5 cm

CE

4 001845 528816

ELECTRODE WELDING MACHINE

ESG 140

MADE IN
EUROPE
★ PREMIUM QUALITY ★

· Portable, single-phase electrode welding machine for alternating current (AC) welding using the MMA method
· Infinitely variable regulation of the welding current
· Thermostat protection
· Includes earth clamp and electrode holder

Technical details

· Material to be welded:	Steel, stainless steel, cast iron
· Usable electrodes:	1.5 - 3.25 mm rutile- & basic electrodes
· Mains voltage:	230 V
· Maximum idle voltage:	48 V
· Control range:	35 - 140 A
· Line frequency:	50 - 60 Hz
· Single-phase network voltage:	230 V
· Line fuse:	16 A
· Insulation class:	H
· Degree of protection:	IP 21 S
· Weight:	14.5 kg
· Dimensions (H x W x D):	ca. 45 x 24 x 30.5 cm

CE

Euro-standard holes	Packaging ●

Item	No. 52845

EAN

4 001845 528458

79

WELDING ACCESSORIES

No pain, no gain: always use quality tested accessories from CFH to ensure that your welding work is carried out safely and in the best possible way. For customised welding results.

AUTOMATIC PROTECTIVE WELDING HELMET
AS 841

No. 52841

EN 379/EN 175

CFH PREMIUM

ERGONOMIC SHAPE
Robust and professional quality, including head band and facial sweat band
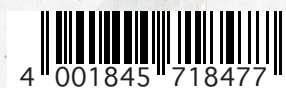
STANDARDS EN 379 AND EN 175
Produced and approved according to the standards

- Solar energy, protection grade DIN 4/9-13, vision 96 x 42 mm
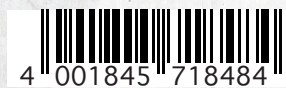- Infinitely adjustable sensitivity and delay control

- Power supply via a CR 2450 lithium battery
- Low battery indicator
- Grind function

CE

4 001845 528410

PROTECTIVE COVER GLASS FOR AS 841

No. 71847 / 47 x 103 mm

4 001845 718477

No. 71848 / 90 x 110 mm

4 001845 718484

WELDING FACE-SHIELD — HS 528

CE

· Made of plastic (PE)
· With screwed-on handle
· For lens dimensions of 90 x 110 mm
· EN 175 approved
· Without lenses (filter lens/protection against spatter and front cover lens)

Euro-standard holes ●	Packaging
Item	No. 52528
EAN	

4 001845 525280

WELDING PROTECTION HELMET — KS 532

CE

· Made of plastic (PE)
· For lens size 90 x 110 mm
· Adjustable head band, continuously adjustable, easy replacement of lenses
· EN 175 approved
· Without lenses (filter lens/protection against spatter and front cover lens)
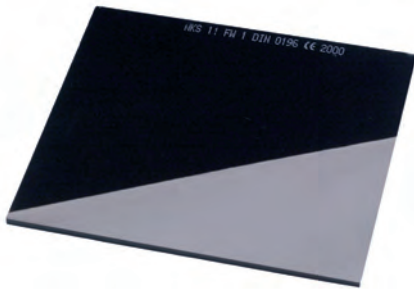
Euro-standard holes ●	Packaging
Item	No. 52532
EAN	

4 001845 525327

WELDING PROTECTION GLASS — SG 536

· 90 x 110 mm, suitable for the CFH welding face-shields and welding helmets
· EN 166/169 approved
· DIN 9 protection level from approx. 60 - 140 A
· Electrode welding, inert gas welding
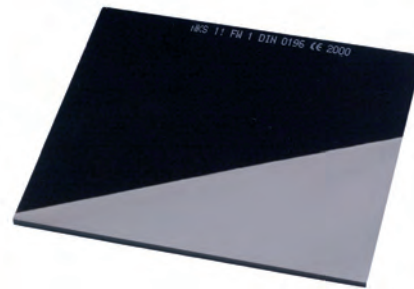
Euro-standard holes ●	Packaging	
Features	DIN 9 60 - 140 A	90 x 110 mm	No. 52528 No. 52532 2x
Item	No. 52536	
EAN		

4 001845 525365

WELDING PROTECTION GLASS — SG 538

· 90 x 110 mm, suitable for the CFH welding face-shields and welding helmets
· EN 166/169 approved
· DIN 11 protection level from approx. 60 - 300 A
· MIG, MAG, TIG welding

Euro-standard holes ●	Packaging	
Features	DIN 11 60 - 300 A	90 x 110 mm	No. 52528 No. 52532 2x
Item	No. 52538	
EAN		

4 001845 525389

PROTECTIVE COVER GLASS — VG 534

· Colourless 90 x 110 mm, suitable for the CFH welding face-shields and welding helmets
· EN 166/169 approved
· To be set in front of welding filter lens
· 5 pieces

Euro-standard holes	●	Packaging		
Features	90 x 110 mm	No. 52528 No. 52532		5x
Item		No. 52534		
EAN				

4 001845 525341

WELDING SAFETY GOGGLES — SB 520

CE

· Made of plastic
· Foldable, equipped with side protective shield
· Lens Ø 50 mm according to EN grade 5
· EN 166/169 approved
· Replaceable lenses

Euro-standard holes	●	Packaging	
Features	DIN 5	EN 166 + 169	
Item		No. 52520	
EAN			

4 001845 525204

GOGGLES WITH SCREW RING — SB 522

CE

· Metallic frame with ventilation holes
· With foam lining and adjustable strap
· Lens Ø 50 mm according to EN grade 5
· EN 166/169 approved
· Replaceable lenses

Euro-standard holes	●	Packaging	
Features	DIN 5	EN 166 + 169	
Item		No. 52522	
EAN			

4 001845 525228

FLIP UP GOGGLES — SB 524

CE

· Plastic frame with ventilation holes and adjustable strap
· Suitable for corrective eyeglasses
· Lens type in accordance with EN grade 5
· Outer and inner lens made of colourless plastic
· EN 166/169 approved
· Replaceable lenses

Euro-standard holes	●	Packaging	
Features	DIN 5	EN 166 + 169	
Item		No. 52524	
EAN			

4 001845 525242

ELECTRODE HOLDER — EH 550

- · Suitable for all electrode types
- · Right, left and front clamping is possible
- · Suitable for maximum current up to 150 A at 60 % ED or 200 A at 35 % ED
- · Resilient
- · Loadable for electrodes of up to ø 2.5 mm

Euro-standard holes	●	Packaging
Features	200 A	

Item	No. 52550
EAN	4 001845 525501

EARTH CLAMP — MK 554/556

- · Galvanised for M6 and M8 cable lug connection
- · MK 554 (CFH-No. 52554) suitable for maximum current up to 150 A
- · MK 556 (CFH-No. 52556) suitable for maximum current up to 250 A

Euro-standard holes	●	Packaging	
Features	150 A M6	250 A M8	

Item	No. 52554	No. 52556
EAN	4 001845 525549	4 001845 525563

STEEL BRUSH — SB 542

- · To remove slag and scale
- · Robust brush with steel wire
- · Robust handle made of beech wood

Item	No. 52542
EAN	4 001845 525426 · 3-row hand brush

Item	No. 52544
EAN	4 001845 525440 · 4-row hand brush

FILLET WELD BRUSH — KB 548
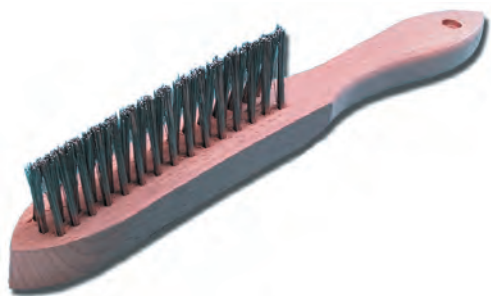
- · The V-shaped trimming allows slag and scale to be removed particularly effectively from hard-to-reach weld and fillet welds
- · Robust brush with steel wire
- · Robust handle made of beech wood

Item	No. 52548
EAN	4 001845 525488 · 3-row fillet weld brush

PRESSURE REGULATOR FOR INERT GAS DEVICES — DR 516

· Flow manually adjustable
· Suitable for argon, CO_2 and gas mixture
· Inlet connection: G 3/4"
· Outlet connection: hose nipple Ø 6 mm
· With 2 manometers

Euro-standard holes	●	Packaging	
Features	CO_2		1 - 4 bar

Item	No. 52516

EAN	4 001845 525167

PRESSURE REGULATOR FOR MIG 100 — DR 810

· For bottles of 190 bars testing pressure and 390 g filling weight with CO_2, 60 bars with pressure gases
· Inlet connection: thread M 10 x 1
· Outlet connection: hose coupling Ø 4 mm

Euro-standard holes	●	Packaging	

Item	No. 52810

EAN	4 001845 528106

PRESSURE REGULATOR FOR MIG 100 WITH HOSE NIPPLE — DR 518

· For cylinders with a filling weight of up to 390 g at a pressure of 60 bar with pressure gases
· Inlet connection: thread M 10 x 1
· Outlet connection: hose nipple Ø 6 mm
· Suitable for carbon dioxide (CFH-No. 52512) and argon (CFH-No. 52514)
· With manometer

Euro-standard holes	●	Packaging		
Features	M10 x 1	Mig 100		Ø 6 mm

Item	No. 52518

EAN	4 001845 525181

## PRESSURE REGULATOR FOR MIG 100 — DR 513

· For cylinders with a filling weight of up to 390 g at a pressure of 60 bar with pressure gases
· Inlet connection: thread M 10 x 1
· Outlet connection: hose coupling Ø 4 mm
· Suitable for carbon dioxide (CFH-No. 52512) and argon (CFH-No. 52514)
· With manometer

Euro-standard holes	●	Packaging		
Features	M10 x 1	Mig 100		Ø 4 mm

Item	No. 52513

EAN	4 001845 525136

SLAG HAMMER — SR 598
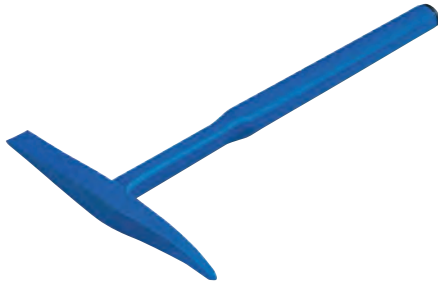
· Made of metal, 390 g
· With two different tips
· For removing slag after welding

Item	No. 52598
EAN	

4 001845 525983

WELDING GLOVES — SH 596

· EN 388/407, CAT. 2
· 5 fingers
· Made of split leather with long overlapping
· For protection against spatter

CE

Item	No. 52596
EAN	

4 001845 525969

COPPER PLATED WELDING ROD FOR AUTOGENEOUS WELDING — AS 360/362/364

· For joint welding on structural steel, sheet steel and pipes made of unalloyed steel
· Tensile strength: 380 N/mm² (38 kp/mm²)

Item/EAN	
No. 52360 · ⌀ 1.5 mm · 333 mm · 15 rods	

4 001845 523606

Euro-standard holes ●	Packaging

Item/EAN	
No. 52362 · ⌀ 2.0 mm · 1000 mm · 10 rods	

4 001845 523620

No. 52364 · ⌀ 3.0 mm · 1000 mm · 10 rods

4 001845 523644

Euro-standard holes	Packaging

UNIVERSAL WELDING ELECTRODE ROD
US 350/380/352/382/392/354/384/394/356/386/396

· Coated rod electrode with good ignition properties to connect low alloy steel
· Suitable for all welding positions
· Even for the "down from top" welding
· Tensile strength: 450 - 550 N/mm²
· DIN EN ISO 2560-A: E 38 0 RC

Item/EAN

No. 52350 · Ø 1.5 mm · 250 mm · 10 rods
Euro-standard holes ●

4 001845 523507

No. 52380 · Ø 1.5 mm · 250 mm · 1 kg
Packaging ●

4 001845 523804

No. 52352 · Ø 2.0 mm · 300 mm · 10 rods
Euro-standard holes ●

4 001845 523521

No. 52382 · Ø 2.0 mm · 300 mm · 1 kg
Packaging ●

4 001845 523828

No. 52392 · Ø 2.0 mm · 300 mm · 2 kg
Packaging ●

4 001845 523927

No. 52354 · Ø 2.5 mm · 350 mm · 8 rods
Euro-standard holes ●

4 001845 523545

No. 52384 · Ø 2.5 mm · 350 mm · 1 kg
Packaging ●

4 001845 523842

No. 52394 · Ø 2.5 mm · 350 mm · 2.5 kg
Packaging ●

4 001845 523941

No. 52356 · Ø 3.2 mm · 350 mm · 5 rods
Euro-standard holes ●

4 001845 523569

No. 52386 · Ø 3.2 mm · 350 mm · 1 kg
Packaging ●

4 001845 523866

No. 52396 · Ø 3.2 mm · 350 mm · 2.5 kg
Packaging ●

4 001845 523965
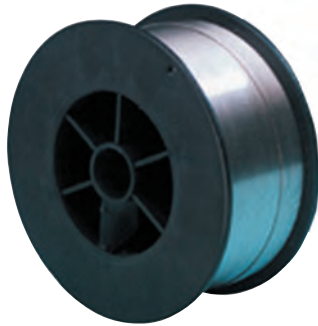
STAINLESS STEEL ELECTRODE ROD
ES 398

· Austenitic rutile electrode for joint welding on chemically and corrosion-resistant CrNi steels
· Tensile strength: > 550 N/mm²

Euro-standard holes ●	Packaging
Features	
Ø 2.5 mm ⊢⊣ 8 x 300 mm	**V2A / V4A**

Item/EAN

No. 52398 · Ø 2.5 mm · 300 mm · 8 rods

4 001845 523989

STAINLESS STEEL WELDING WIRE — ED 594

· Universal stainless steel welding wire for welding of joints of non-rusting steel

Euro-standard holes	Packaging ●
Features	
Ø 0.8 mm	1.4430 - EN ISO 14 343

Item/EAN
No. 52594 · Ø 0.8 mm · 1 kg

4 001845 525945

INERT GAS WELDING WIRE — SD 584/586/589/591/593

· Universal welding wire, copper coated, suitable for both non-alloy and low-alloy steel

Euro-standard holes	Packaging ●
Features	
Ø 0.6/0.8/1.0 mm	SG 2-EN ISO 14341-A G3Si1

Item/EAN
No. 52584 · Ø 0.6 mm · 1 kg

4 001845 525846

No. 52586 · Ø 0.8 mm · 1 kg

4 001845 525860

No. 52589 · Ø 0.8 mm · 5 kg

4 001845 525891

No. 52591 · Ø 0.8 mm · 15 kg

4 001845 525914

No. 52593 · Ø 1.0 mm · 15 kg

4 001845 525938

ALUMINIUM WELDING WIRE — D 100

· Universal aluminium welding wire for welding of joints of aluminium alloys

Euro-standard holes	Packaging ●
Features	
Ø 1.0 mm	DIN 1732

Item/EAN
No. 52595 · Ø 1.0 mm · 0.5 kg

4 001845 525952

FLUX-CORED WELDING WIRE — FD 740

· For non-alloy and low-alloy steel
· Welding without gas

Euro-standard holes	Packaging ●
Features	
Ø 0.9 mm	EN ISO 17632-A

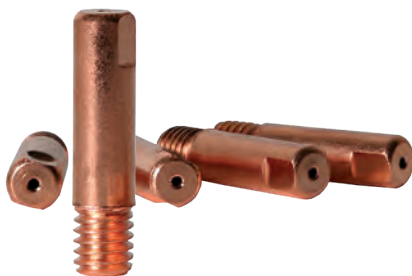| Item/EAN |
|---|
| **No. 52740** · Ø 0.9 mm · 0.9 kg |

4 001845 527406

CONTACT NOZZLES — SD 562/564/566/568

· The wire runs through the contact nozzles
· Is screwed at the front of the burner
· Ideal as replacement for defective / used contact nozzles
· M5/M6 suitable for protective gas burners MD 10 and MD 15
· Nozzle Ø 0.6/0.8/1.0 mm

Euro-standard holes ●	Packaging
Features Ø 0.6/0.8/1.0 mm	5 x **M6, 25 mm**

Item/EAN
No. 52562 · SD 562 contact nozzle M5 0.8 mm
4 001845 525624
No. 52564 · SD 564 contact nozzle M6 0.6 mm
4 001845 525648
No. 52566 · SD 566 contact nozzle M6 0.8 mm
4 001845 525662
No. 52568 · SD 568 contact nozzle M6 1.0 mm
4 001845 525686

GAS NOZZLES — GD 574/576/582

· To be plugged onto the burner
· Ideal as replacement for defective / used gas nozzles
· Gas nozzles for burners with shielding gas with plug connection

Euro-standard holes ●	Packaging
Features Ø 9.5 mm	Ø 16 mm

Item/EAN
No. 52574 · GD 574 Plus 15 pluggable · conical
4 001845 525747
No. 52576 · GD 576 Plus 15 pluggable · cylindrical
4 001845 525761
No. 52582 · GD 582 Set of gas nozzles Plus 15 pluggable cylindrical/conical
4 001845 525822

CONTACT NOZZLES FOR ALUMINIUM — SD 558

· The wire runs through the contact nozzles
· Is screwed at the front of the burner
· Ideal as replacement for defective / used contact nozzles
· M5/M6 suitable for protective gas burners MD 10 and MD 15
· Nozzle Ø 1.0 mm

Euro-standard holes ●	Packaging
Features Ø 1 mm	5 x **M6, 25 mm**

Item	No. 52558
EAN	4 001845 525587

WELDING SEPERATING SPRAY — TS 517

· Prevents sticking of spatter on nozzles and processed surfaces
· Content 300 ml

Item	No. 52517
EAN	4 001845 525174

ARROW MAGNETS — WM 700/702

· Assembly aid
· With fixed angles 45°, 90° and 135°
· Adhesive force up to 6,5 kg

Euro-standard holes	●	Packaging	
Features	💪 6.5 kg	📐 45° / 90° / 135°	
Item		**No. 52700**	
EAN	4 001845 527000	· Maße: 8.2 x 12 x 1.4 cm	
Item		**No. 52702**	
EAN	4 001845 527024	· Maße: 10.2 x 15.5 x 1.6 cm	

DUAL MAGNET HOLDER — DM 703

· Assembly aid
· With angles from 0° to 180°
· Adhesive force up to 2 x 50 lbs/2 x 22.68 kg

Euro-standard holes	●	Packaging	
Features	💪 2 x 22.68 kg	📐 0° - 180°	
Item		**No. 52703**	
EAN	4 001845 525587		

IT´S PARTY TIME

It's more fun with helium gas! Decorations or celebrations, helium gas from CFH adds value to every celebration and party.

CFH

HELIUM SET
HS 904

No. 52904

PARTY FUN
For weddings, birthdays
or company celebrations

COMPLETE SET
2.15 litre helium tank,
30 balloons, balloon cylinder
and release valve

EASY HANDLING
Simply place the balloon onto the
release valve, slowly open the valve
and the balloon will start to fill

MADE IN
GERMANY

30 x

1 x

CFH
PREMIUM

4 001845 529042

CAMPING

Fresh air. Nature calls and the sky is vast. Time for yourself, with family or with close friends … anyone who loves camping, trekking, hiking, mountaineering or gardening in their free time knows that this type of leisure is priceless. With us you will find the right equipment for unforgettable experiences in nature.

CFH

PREMIUM SINGLE-BURNER GAS COOKER
GK 425
No. 52425

2.4 kW

⚡ **Piezo**

SINGLE-FLAME, LIGHTWEIGHT AND MOBILE
Equipped with a sturdy stainless steel pan support and reliable piezo ignition

INFINITELY ADJUSTABLE FLAME
Extremely practical for camping, garden and all kinds of outdoor activities. The high quality and perfect workmanship ensure a long service life.

The sturdy folding feet with folding lock allow firm and secure footing at two different heights

**No. 52108
UG 440**

**No. 52109
UG 230**

CE 4 001845 524252

SINGLE FLAME GAS COOKER — GK 423

CE

· Operated with the butane gas cartridge BG 98 with bayonet lock MFS 1A (CFH-No. 52098)
· Single-flame, lightweight and mobile
· Equipped with a sturdy stainless steel pan support and reliable piezo ignition

Euro-standard holes		Packaging	●
Features	Piezo	2.2 kW	
Item		No. 52423	
EAN			

4 001845 524238

TWO-FLAME COOKER CAPRI — ZK 421

CE

· For standard 5 kg, 11 kg and 33 kg propane gas cylinders
· Excellent quality, particularly easy to clean thanks to the removable pan grid, both burners are individually infinitely adjustable
· With removable cover
· Power 1.9 kW per burner
· Includes 50 mbar pressure regulator and 80 cm gas hose

Euro-standard holes		Packaging	●
Features	2 x 1.9 kW	80 cm	Propane 5 kg · 11 kg · 33 kg
Item		No. 52421	
EAN			

4 001845 524214

STOOL COOKER — HK 418

CE

· For standard 5 kg, 11 kg and 33 kg propane gas cylinders
· Stable, firm stand
· For pots with a diameter of 25 cm to max. 45 cm
· Consumption approx. 640 g/h
· Power 8.8 kW
· Includes 50 mbar pressure regulator and 1.5 m gas hose

Euro-standard holes		Packaging	●	
Features	8.8 kW	1.5 m	Propane 5 kg · 11 kg · 33 kg	25 – 45 cm
Item		No. 52418		
EAN				

4 001845 524184

CARTRIDGE COOKER HAPPY CAMPER — HC 402

TÜV SÜD
tuev-sued.de/ps-zert

CE

· Stable and economical consumption
· High-performance burner
· Infinitely adjustable flame
· Burning time with one gas cartridge approx. 2 hours
· Operated with butane pressurised gas cartridge CF 211 (CFH-No. 52149)

Euro-standard holes		Packaging	●
Features	730 °C	2 x	No. 52149
Item		No. 52402	
EAN			

4 001845 524023
No. 52402 incl. 2 cartridges

GAS PRESSURE REGULATOR WITH MANOMETER — DRF 404

· Pressure regulator with flow monitor
· Current gas level can be read off
· Inlet G.12, outlet H.4 1/4" LH – according to EN 16129
· Outlet pressure 50 mbar
· Flow rate 1.5 kg/h
· Also available with connection for CH (CFH-No. 52405) and for NL (CFH-No. 52406)

Euro-standard holes ●		Packaging
Features	50 mbar T 1/4" LH 1.5 kg/h	
Item		No. 52404
EAN	4 001845 524047	

PRESSURE REGULATOR WITH FILLING LEVEL INDICATOR — DRF 428

· Pressure regulator with level indicator and hose rupture protection
· Current gas level can be read off
· Stops further gas escaping if the hose breaks
· Inlet G.12, outlet H.4 1/4" LH – according to EN 16129
· Outlet pressure 50 mbar
· Flow rate 1.5 kg/h
· Also available with connection for CH (CFH-No. 52427)

Euro-standard holes ●		Packaging
Features	50 mbar T 1/4" LH 1.5 kg/h	
Item		No. 52428
EAN	4 001845 524283	

PRESSURE REGULATOR FOR SCREW-IN CARTRIDGE — DR 460

· Ideal for operating gas barbecues and camping cookers
· For connection to CFH pressurised gas container UG 230 (CFH-No. 52109) or UG 440 (CFH-No. 52108)
· Inlet G.35, outlet H.4 1/4" – according to EN 16129
· Outlet pressure 50 mbar
· Flow rate 0.8 kg/h

Euro-standard holes ●		Packaging
Features	50 mbar T 1/4" LH 0.8 kg/h	No. 52108 No. 52109
Item		No. 52460
EAN	4 001845 524603	

TWO-STAGE PRESSURE REGULATOR — DR 414

· For commissioning gas devices indoors
· The regulator consists of two interconnected regulation levels and offers two different safety systems:
   1. Thermal safety valve (automatically stops the gas flow if the external temperature rises from 80 to 100 °C by closing the safety valve)
   2. Overpressure safety system (indicates pressure increase)
· Equipped with a pressure gauge that shows the cylinder inlet pressure
· Inlet G.12, outlet H.4 1/4" LH – according to EN 16129

Euro-standard holes ●		Packaging
Features	<110 °C >110 °C STOP	
Item		No. 52414
EAN	4 001845 524146	

GAS HOSE 2 M — VS 200

· Propane/butane replacement and extension hose
· 1/4" LH on both sides
· Suitable for gas grills, camping cookers, etc.

Euro-standard holes	●	Packaging	
Features	2 m		T 1/4" LH
Item		No. 52450	

EAN

4 001845 524504

PRESSURE REGULATOR 50 MBAR — DR 117

· Inlet G.12, outlet H.4 1/4" LH – according to EN 16129
· Outlet pressure 50 mbar, flow 1.5 kg/h
· Suitable for camping stoves, lamps and heaters as well as radiant heaters

Euro-standard holes	●		Packaging	
Features	Propane 5 kg · 11 kg	50 mbar	T 1/4" LH	1.5 kg/h
Item			No. 52117	

EAN

4 001845 521176

PRESSURE REGULATOR 50 MBAR WITH 80 CM GAS HOSE — DRS 452

CE

· Inlet 1/4" LH, outlet G 1/4" LH – according to EN 16129
· Gas pressure regulator with outlet pressure 50 mbar, flow rate 1.5 kg/h
· Suitable for camping stoves, lamps and heaters as well as radiant heaters

Euro-standard holes	●		Packaging	
Features	50 mbar	80 cm	1.5 kg/h	T 1/4" LH
Item			No. 52452	

EAN

4 001845 524528

HOSE RUPTURE PROTECTION 50 MBAR — SB 424

· Stops further gas escaping if the hose breaks
· Inlet 1/4", outlet 1/4" LH
· Installation directly between pressure regulator and gas hose

Euro-standard holes	●	Packaging	
Features	50 mbar		T 1/4" LH
Item		No. 52424	

EAN

4 001845 524245

GAS CYLINDER WRENCH — GF 419

· For safe, effortless opening and closing of the wing and union nuts on gas pressure regulators
· With key set for sizes 6/8/10, cylinder opener and key ring

Euro-standard holes	●	Packaging
Features		
Item		No. 52419

EAN

4 001845 524191

TWO-WAY VALVE — ZV 492

· Inlet 1/4", outlet 2 outflows 1/4" LH
· Outlet pressure max. 4 bar, flow rate max. 1.5 kg/h
· Suitable for simultaneously connecting two gas devices

Euro-standard holes	●	Packaging
Features	T 1/4" LH	
Item		No. 52492

EAN

4 001845 524924

101

ICON LIST

Piezo — Piezo ignition	**360°** — Soldering is possible in every position	**730 °C** — Operating temperature
2000 °C — Melting point temperature	**650 °C / 60 °C** — Adjustable temperature (in increments)	**2,5 h** — Gas cartridge capacity (approx. 2.5 hours)

2x No. 52149 — Included in the scope of delivery (e.g. 2 x 52149)	**Propane 5 kg · 11 kg** — Suitable for 5 & 11 kg propane gas bottles	**Propane 5 kg 11 kg · 33 kg** — Suitable for 5, 11 & 33 kg propane gas bottles
2 m — Cable length (e.g. 2 m)	**1,5 m** — Hose length (e.g. 1.5 m)	**12 s** — heating up time

Suitable for all welding positions Regulating valve & safety lock for turning	**Ø 17 mm** — Burner head diameter	**Ø 60 mm** — Burner head diameter
16 — Scope (e.g. 16-piece package)	**A 0,1 - 2,5 mm** — Thickness (working area)	Lightweight device

10 mm / 13 mm — Versatile	Versatile	**1x / 1x** — Versatile
1x / 1x — Versatile	**No. 52372** — Suitable for use with items shown (e.g. 52372)	**No. 52107** — Suitable for use with items shown (e.g. 52107)

No. 52200 — Suitable for use with items shown (e.g. 52200)	**No. 52244 No. 52245** — Suitable for use with items shown (e.g. 52244 & 52245)	**100 W / 230 V ~ 50 Hz** — Watts, Volts & Hz info
20 W — Wattage	**20 g** — Weight	**2 x 295 mm** — Content & length info

Ø 2,0 mm — Diameter	**90 x 110 mm** — Size	360° movable joint
DIN EN ISO 9454-1, 3214 — DIN specifications	Tips for inscribing	Tips for inscribing

6 / 7 — Tips for inscribing	Level indicator	**G 1/4" LH** — Outlet connection
50 mbar — Inlet pressure	**1,5 kg/h** — Flow	Includes barbecue lighter

Strong flame	82 cm - 143 cm Adjustable length	5x Content	6,5 kg Magnetic strength	45°/90°/135° Angles	Directed flame
Protection strength	2 x manometers	1 - 4 bar Adjustable pressure	G 1/4" LH Identical inlet / outlet connections	Safety connection is rotatable	G 1/4" LH Inlet connection
Cutting right	Cutting left	Straight cutting	Easy to move	R/L 1/2" clockwise and anti-clockwise turning	Tube cutter
Safe grip	USB Type-C USB Type-C	Pressure regulator with nipple connection	Pressure regulator's indicator light	<110 °C >110 °C STOP Self-closing safety valve	
Cleaning function	Cleaning function	Cleaning function	10, 12, 17, 22 mm Wrench size	M8, M10, M12 Wrench size	1.2 mm Material thickness
10 / 12 / 15 mm Diameter	250 mm Length info	3/8" - 1/2" - 3/4" - 1" Inch info	Protection against un-intentional operation	Incl. Including charging cable	5x 2,5x Magnifier

● Indicates whether a product has
Euro-standard holes or packaging

No.	Item	EAN	Page
48100	Flame scarfing device F 10	4001845481005	47
51702	Corner pipe wrench 45° EZ 702	4001845517025	57
51704	Corner pipe wrench 45° EZ 704	4001845517049	57
51706	Corner pipe wrench 45° EZ 706	4001845517063	57
51712	Water pump pliers WZ 712	4001845517124	58
51714	Water pump pliers WZ 714	4001845517148	58
51716	Water pump pliers WZ 716	4001845517162	58
51718	Fitting pliers AZ 718	4001845517186	57
51722	Tube cutter RA 722	4001845517223	59
51724	Tube cutter RA 724	4001845517247	59
51728	Tube cutter RA 728	4001845517285	59
51730	Tube cutter RA 730	4001845517308	59
51734	Copper tube interior brush KI 734 (Ø 15 mm)	4001845517346	60
51736	Copper tube interior brush KI 736 (Ø 18 mm)	4001845517360	60
51738	Copper tube interior brush KI 738 (Ø 22 mm)	4001845517384	60
51742	Pipe deburrer IA 742	4001845517421	61
51746	Tube bender RB 746	4001845517469	60
51748	Copper tube spindle spring KB 748	4001845517483	60
51750	Copper tube spindle spring KB 750	4001845517506	60
51752	Copper tube spindle spring KB 752	4001845517520	60
51754	Plastic tube cutter KA 754	4001845517544	60
51756	Plastic tube cutter KA 756	4001845517568	56
51760	Tin snips cut left BS 760	4001845517605	64
51762	Tin snips cut left/right/straight BS 762	4001845517629	64
51764	Tin snips cut right BS 764	4001845517643	64
51766	Tin snips BS 766	4001845517667	64
51770	Syphon pliers SZ 770	4001845517704	58
51772	Basin wrench SH 772	4001845517728	62
51782	Universal ratchet wrench US 782	4001845517827	61
51784	Variably adjustable ratchet RA 784	4001845517841	61
51786	Screw hole punch SL 786	4001845517865	65
51788	Screw hole punch SL 788	4001845517889	65
51790	Hemp in dispenser HA 790 (40 g)	4001845517902	62
51792	Teflon tape in dispenser TB 792 (12 m)	4001845517926	63
51794	Spare cutter wheel for 51722/51728 ES 794	4001845517940	59
51796	Spare cutter wheel for 51724/51730 ES 796	4001845517964	59
51798	Aerator tool key MS 798	4001845517988	62
51800	Thread sealing paste GP 800	4001845518008	63
51810	Pipe cleaning spiral RS 810	4001845518107	65
51818	Pipe cleaning spiral RS 818	4001845518183	65
51820	Pipe cleaning spiral RS 820	4001845518206	65
51830	Sanitary cross wrench SK 830	4001845518305	61
51850	Universal toilet seat & sanitary installation wrench WSM 850	4001845518503	62
51932	Copper soldering iron PK 932	4001845519326	12
51940	Replacement tip for 51932 + 52143 ES 940	4001845519401	12
51944	Replacement tip for 51932 + 52143 ES 944	4001845519449	12
52010	Mini burner MB 010	4001845520100	14
52020	Diamant M 20	4001845520209	15
52025	Diamant M 40	4001845520254	15
52028	Diamant M 28	4001845520285	15
52030	Diamant M 50	4001845520308	15
52033	Universal burner KB 80	4001845520339	14
52055	Soldering case turbo soldering professional LK 2000	4001845520551	13
52060	Turbo hand soldering device GT 2000	4001845520605	11
52065	Profi Man PZ 2000	4001845520650	11
52074	Flame scarfing device ST 500	4001845520742	47
52078	Flame scarfing device PZ 6000	4001845520780	47
52079	Flame scarfing device Profi PA 079	4001845520797	46
52082	Flame scarfing device ST 1000	4001845520827	47
52084	Flame scarfing device GV 900	4001845520841	47
52089	Gas trolley GT 89	4001845520896	53
52090	Professional turbo brazing set TL 2000	4001845520902	11
52096	Refilling gas NG 96 (250 ml)	4001845520964	21
52098	Butane gas cartridge BG 98 (227 g, Bayonet)	4001845520988	19
52099	Anti Flare AF 99	4001845520995	20
52101	Lighter petrol FB 101	4001845521015	42

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52103	Refilling gas NG 103 (100 ml)	4001845521039	21
52104	Universal pressure gas cartridge AT 7500	4001845521046	19
52105	Special gas SG 105	4001845521053	18
52107	Universal pressure gas cartridge AT 2000	4001845521077	19
52108	Pressure gas cartridge UG 440 (440 g)	4001845521084	19
52109	Pressure gas cartridge UG 230 (230 g)	4001845521091	19
52110	Leak detection spray Control Plus LS 110	4001845521107	53
52112	Propane regulator 2.5 bar DR 112	4001845521121	50
52113	Propane regulator 1-4 bar DR 113	4001845521138	51
52114	Propane regulator 2.5 bar DR 114	4001845521145	51
52115	Propane regulator 1-4 bar DR 115	4001845521152	51
52117	Pressure regulator 50 mbar DR 117	4001845521176	101
52118	Hose rupture protection SB 118	4001845521183	51
52120	Anti-rotation protection VS 120	4001845521206	52
52121	Connecting valve AV 121	4001845521213	52
52122	Gas hose VS 500	4001845521220	52
52123	Gas hose VS 300	4001845521237	52
52126	Soldering tip 20 W LS 126	4001845521268	25
52127	Soldering tip 60/100 W LS 127	4001845521275	25
52129	Soldering tip 15 W LS 129	4001845521299	25
52130	Soldering turbo burner LM 1750	4001845521305	10
52131	Burner for fine soldering FB 131	4001845521312	10
52132	Professional hand soldering device TS 1800	4001845521329	11
52140	Piezo compact PC 140	4001845521404	9
52143	Copper shank KL 143	4001845521435	12
52147	Copper soldering iron KL 147	4001845521473	12
52149	Butane pressure gas cartridge CF 211	4001845521497	19
52155	Soldering lamp LM 1000	4001845521558	9
52156	Soldering lamp LM 1000	4001845521565	9
52159	Soldering lamp LM 1000	4001845521596	9
52163	Soldering lamp LM 2000	4001845521633	9
52165	Soldering lamp LM 2000	4001845521657	9
52170	Soldering lamp LM 3000	4001845521701	10
52175	Bunsen lab burner BL 1700	4001845521756	10
52188	Soldering lamp PZ 5000	4001845521886	9
52190	Soldering lamp PZ 5000	4001845521909	9
52192	Soldering lamp PZO 7000	4001845521923	8
52198	Electric soldering iron E 15	4001845521985	24
52200	Electric soldering iron E 20	4001845522005	25
52202	Electric soldering iron E 60	4001845522029	25
52206	Electric soldering iron E 100	4001845522067	25
52211	Electric soldering gun EP 211	4001845522111	26
52212	Battery soldering iron BK 212	4001845522128	27
52213	Replacement soldering tip 100 W LS 213	4001845522135	26
52214	Cordless soldering iron AK 214	4001845522142	27
52215	„Chisel" shaped 1.2 mm soldering Tip LS 215	4001845712185	26
52216	Soldering station LD 48	4001845522166	26
52218	Soldering tip 3.2 mm "chisel" LS 218	4001845522180	26
52219	Soldering tip 1.2 mm "pencil" LS 219	4001845522197	26
52228	Tinner TI 228 (15 g)	4001845522289	28
52231	Tinstone ZS 231	4001845522319	13
52232	Soldering tip cleaner LR 232	4001845522326	28
52235	Desoldering wicks EL 235	4001845522357	29
52237	Desoldering pump EP 237	4001845522371	29
52240	Soldering assistant LA 240	4001845522401	29
52241	Professional soldering assistant LA 241	4001845522418	29
52244	Wood burning iron BM 30	4001845522449	27
52245	Wood burning iron set BM 245	4001845522456	27
52250	Set of tips for inscribing and drawing SM 250	4001845522500	27
52252	Set of stamps ST 252	4001845522524	27
52298	Fittings soldering set FS 298	4001845522982	37
52300	German silver hard solder NH 300	4001845523002	35
52305	Brass solder MH 305	4001845523057	35
52310	Copper-Phosphorus hard solder KH 310	4001845523101	35
52316	Electronic solder EL 316 (ECO TIN, lead-free, 6 g)	4001845523163	32
52318	Radio solder RL 318 (lead-free, 6 g)	4001845523187	33

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52319	Premium solder for electronics EL 319 (ECO TIN, lead-free, 70 g)	4001845523194	32
52320	Silver hard solder SH 320	4001845523200	35
52322	Electronic solder EL 322 (200 g)	4001845523224	33
52324	Electronic solder EL 324 (70 g)	4001845523248	33
52327	Hobby solder BL 327 (lead-free, 200 g)	4001845523279	33
52329	Hobby solder BL 329 (lead-free, 70 g)	4001845523293	33
52334	Radio solder RL 334 (70 g)	4001845523347	33
52339	Fittings solder WL 339 (250 g)	4001845523392	33
52340	Fittings solder WL 340 (100 g)	4001845523408	33
52342	Soldering grease FM 342	4001845523422	28
52343	Soldering flux for silver solder FM 343	4001845523439	36
52344	Soldering fluid FM 344	4001845523446	36
52345	Sal ammoniac stone SN 345 (80 g)	4001845523453	28
52347	Soldering flux for fittings FM 347	4001845523477	36
52348	Soldering paste for fittings FP 348	4001845523484	36
52349	Cleaning fleece RV 349	4001845523491	37
52350	Universal welding electrode rod US 350 (Ø 1.5*250 mm)	4001845523507	88
52352	Universal welding electrode rod US 352 (Ø 2.0*300 mm)	4001845523521	88
52354	Universal welding electrode rod US 354 (Ø 2.5*350 mm)	4001845523545	88
52356	Universal welding electrode rod US 356 (Ø 3.2*350 mm)	4001845523569	88
52360	Copper plated welding rod for autogeneous welding AS 360 (Ø 1.5 mm)	4001845523606	87
52362	Copper plated welding rod for autogeneous welding AS 362 (Ø 2.0 mm)	4001845523620	87
52364	Copper plated welding rod for autogeneous welding AS 364 (Ø 3.0 mm)	4001845523644	87
52366	Tin-lead solder rod for cooper sheet SK 366	4001845523668	34
52368	Soldering fluid copper sheet LWK 368	4001845523682	37
52369	Tin-lead solder rod for zinc sheet SZ 369	4001845523699	34
52372	Soldering fluid zinc sheet LWZ 372	4001845523729	37
52377	Tin-lead solder rod for zinc sheet SZ 377	4001845523774	34
52380	Universal welding electrode rod US 380 (Ø 1.5*250 mm)	4001845523804	88
52382	Universal welding electrode rod US 382 (Ø 2.0*300 mm)	4001845523828	88
52384	Universal welding electrode rod US 384 (Ø 2.5*350 mm)	4001845523842	88
52386	Universal welding electrode rod US 386 (Ø 3.2*350 mm)	4001845523866	88
52392	Universal welding electrode rod US 392 (Ø 2.0*300 mm)	4001845523927	88
52394	Universal welding electrode rod US 394 (Ø 2.5*350 mm)	4001845523941	88
52396	Universal welding electrode rod US 396 (Ø 3.2*350 mm)	4001845523965	88
52398	Stainless steel electrode rod ES 398 (Ø 2.5*300 mm)	4001845523989	88
52402	Cartridge cooker Happy Camper HC 402	4001845524023	99
52404	Gas pressure regulator with manometer DRF 404	4001845524047	100
52414	Two-stage pressure regulator DR 414	4001845524146	100
52418	Stool cooker HK 418	4001845524184	99
52419	Gas cylinder wrench GF 419	4001845524191	101
52421	Two-flame cooker Capri ZK 421	4001845524214	99
52423	Single flame gas cooker GK 423	4001845524238	99
52424	Hose rupture protection 50 mbar SB 424	4001845524245	101
52425	Premium single-burner gas cooker GK 425	4001845524252	98
52428	Pressure regulator with filling level indicator DRF 428	4001845524283	100
52433	Arc lighter Mini Pocket LF 433	4001845524337	43
52435	Arc lighter Maxi LF 435	4001845524351	43
52436	Gas lighter Mini GA 436	4001845524368	41
52437	Arc lighter Maxi Flexi LF 437	4001845524375	43
52442	Gas lighter Maxi GA 442	4001845524429	41
52446	Gas lighter Maxi Flexibel GA 446	4001845524467	41
52448	Gas lighter Maxi Flexibel Turbo GA 448	4001845524481	40
52449	Gas lighter Maxi Flexibel Turbo with lighter gas STF 449	4001845524498	40
52450	Gas hose VS 200	4001845524504	101
52452	Pressure regulator 50 mbar with 80 cm gas hose DRS 452	4001845524528	101
52460	Pressure regulator for screw-in cartridge DR 460	4001845524603	100
52472	Gas lighter Super Mini GA 472	4001845524726	41
52484	Gas lighter GF 484 (Set of 3 pieces)	4001845524849	42
52486	Gas lighter Fancy GF 486	4001845524863	42
52492	Two-way valve ZV 492	4001845524924	101
52500	Welding Fix SF 3100	4001845525006	14
52502	Burner nozzles BD 502 (Ø 1.5 mm)	4001845525020	14
52504	Oxygen (O2) SF 504 (0,95 l Aluminium bottle)	4001845525044	20
52508	Oxygen (O2) SF 508 (2,15 l Aluminium bottle)	4001845525082	20
52512	Carbon dioxide (CO2) KD 512 (390 g bottle)	4001845525129	21

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52513	Pressure regulator for MIG 100 DR 513	4001845525136	86
52514	Argon (AR) AR 514 (100 g bottle)	4001845525143	21
52515	Special gas AT 3000	4001845525150	20
52516	Pressure regulator for inert gas devices DR 516	4001845525167	86
52517	Welding seperating spray TS 517	4001845525174	90
52518	Pressure regulator for MIG 100 with hose nipple DR 518	4001845525181	86
52520	Welding safety goggles SB 520	4001845525204	84
52522	Goggles with screw ring SB 522	4001845525228	84
52524	Flip up goggles SB 524	4001845525242	84
52528	Welding face-shield HS 528	4001845525280	83
52532	Welding protection helmet KS 532	4001845525327	83
52534	Protective cover glass VG 534	4001845525341	84
52536	Welding protection glass SG 536	4001845525365	83
52538	Welding protection glass SG 538	4001845525389	83
52542	Steel brush SB 542	4001845525426	85
52544	Steel brush SB 544	4001845525440	85
52548	Fillet weld brush KB 548	4001845525488	85
52550	Electrode holders EH 550	4001845525501	85
52554	Earth clamp MK 554	4001845525549	85
52556	Earth clamp MK 556	4001845525563	85
52558	Contact nozzles for aluminium SD 558 (M6, Ø 1.0 mm)	4001845525587	90
52562	Contact nozzles SD 562 (M5, Ø 0.8 mm)	4001845525624	90
52564	Contact nozzles SD 564 (M6, Ø 0.6 mm)	4001845525648	90
52566	Contact nozzles SD 566 (M6, Ø 0.8 mm)	4001845525662	90
52568	Contact nozzles SD 568 (M6, Ø 1.0 mm)	4001845525686	90
52574	Gas nozzles GD 574	4001845525747	90
52576	Gas nozzles GD 576	4001845525761	90
52582	Set of gas nozzles GD 582	4001845525822	90
52584	Inert gas welding wire SD 584 (Ø 0.6 mm, 1 kg)	4001845525846	89
52586	Inert gas welding wire SD 586 (Ø 0.8 mm, 1 kg)	4001845525860	89
52589	Inert gas welding wire SD 589 (Ø 0.8 mm, 5 kg)	4001845525891	89
52591	Inert gas welding wire SD 591 (Ø 0.8 mm, 15 kg)	4001845525914	89
52593	Inert gas welding wire SD 593 (Ø 1.0 mm, 15 kg)	4001845525938	89
52594	Stainless steel welding wire ED 594 (Ø 0.8 mm, 1 kg)	4001845525945	89
52595	Aluminium welding wire D 100 (Ø 1.0 mm, 0.5 kg)	4001845525952	89
52596	Welding gloves SH 596	4001845525969	87
52598	Slag hammer SR 598	4001845525983	87
52611	Bio-Gärtner CW 3300	4001845526119	69
52621	Bio-Gärtner CW 9600	4001845526218	69
52625	Bio-Gärtner Deluxe PZ 7000	4001845526256	68
52640	Bio-Gärtner PZ 4000	4001845526409	69
52655	Bio-Gärtner PZ 1500	4001845526553	69
52664	E-Bio-Gärtner EBT 664	4001845526645	74
52666	E-Bio-Gärtner EBG 666	4001845526669	74
52670	Weed brush set UBS 670	4001845526706	74
52675	E-joint brush EFB 675	4001845526751	73
52678	Replacement brushes for E-joint brushes EFB 768	4001845526782	73
52681	Battery joint brush AFB 681	4001845526812	72
52690	Replacement battery ESA 690 f. battery joint brush AFB 681	4001845526904	73
52692	Metal brush ESB 692 f. battery joint brush AFB 681	4001845526928	73
52700	Arrow magnet WM 700	4001845527000	91
52702	Arrow magnet WM 702	4001845527024	91
52703	Dual magnet holder DM 703	4001845527031	91
52740	Flux-cored welding wire FD 740 (Ø 0.9 mm, 0,9 kg)	4001845527406	89
52750	Steel bottle PG 750	4001845527505	52
52752	Adapter for 1 kg steel bottle AS 752	4001845527529	52
52754	Gas filling adapter MS 754	4001845527543	53
52758	Gas hose VS 758 (2 m)	4001845527581	52
52780	Gas hose VS 780 (10 m)	4001845527802	52
52810	Pressure regulator for MIG 100 DR 810	4001845528106	86
52841	Automatic protective welding helmet AS 841	4001845528410	82
52845	Electrode welding device ESG 140	4001845528458	79
52881	Inverter welding device ISG 147	4001845528816	78
52904	Helium set HS 904	4001845529042	94
71847	Viewing pane 47*103 mm for 52841	4001845718477	82
71848	Viewing pane 90*110 mm for 52841	4001845718484	82

Technical and optical parameters subject to change.

No.	Item	EAN	Page
52215	„Chisel" shaped 1.2 mm soldering Tip LS 215	4001845712185	26
52752	Adapter for 1 kg steel bottle AS 752	4001845527529	52
51798	Aerator tool key MS 798	4001845517988	62
52595	Aluminium welding wire D 100 (Ø 1.0 mm, 0.5 kg)	4001845525952	89
52099	Anti Flare AF 99	4001845520995	20
52120	Anti-rotation protection VS 120	4001845521206	52
52437	Arc lighter Maxi Flexi LF 437	4001845524375	43
52435	Arc lighter Maxi LF 435	4001845524351	43
52433	Arc lighter Mini Pocket LF 433	4001845524337	43
52514	Argon (AR) AR 514 (100 g bottle)	4001845525143	21
52700	Arrow magnet WM 700	4001845527000	91
52702	Arrow magnet WM 702	4001845527024	91
52841	Automatic protective welding helmet AS 841	4001845528410	82
51772	Basin wrench SH 772	4001845517728	62
52681	Battery joint brush AFB 681	4001845526812	72
52212	Battery soldering iron BK 212	4001845522128	27
52611	Bio-Gärtner CW 3300	4001845526119	69
52621	Bio-Gärtner CW 9600	4001845526218	69
52625	Bio-Gärtner Deluxe PZ 7000	4001845526256	68
52655	Bio-Gärtner PZ 1500	4001845526553	69
52640	Bio-Gärtner PZ 4000	4001845526409	69
52305	Brass solder MH 305	4001845523057	35
52175	Bunsen lab burner BL 1700	4001845521756	10
52131	Burner for fine soldering FB 131	4001845521312	10
52502	Burner nozzles BD 502 (Ø 1.5 mm)	4001845525020	14
52098	Butane gas cartridge BG 98 (227 g, Bayonet)	4001845520988	19
52149	Butane pressure gas cartridge CF 211	4001845521497	19
52512	Carbon dioxide (CO2) KD 512 (390 g bottle)	4001845525129	21
52402	Cartridge cooker Happy Camper HC 402	4001845524023	99
52349	Cleaning fleece RV 349	4001845523491	37
52121	Connecting valve AV 121	4001845521213	52
52558	Contact nozzles for aluminium SD 558 (M6, Ø 1.0 mm)	4001845525587	90
52562	Contact nozzles SD 562 (M5, Ø 0.8 mm)	4001845525624	90
52564	Contact nozzles SD 564 (M6, Ø 0.6 mm)	4001845525648	90
52566	Contact nozzles SD 566 (M6, Ø 0.8 mm)	4001845525662	90
52568	Contact nozzles SD 568 (M6, Ø 1.0 mm)	4001845525686	90
52360	Copper plated welding rod for autogeneous welding AS 360 (Ø 1.5 mm)	4001845523606	87
52362	Copper plated welding rod for autogeneous welding AS 362 (Ø 2.0 mm)	4001845523620	87
52364	Copper plated welding rod for autogeneous welding AS 364 (Ø 3.0 mm)	4001845523644	87
52143	Copper shank KL 143	4001845521435	12
52147	Copper soldering iron KL 147	4001845521473	12
51932	Copper soldering iron PK 932	4001845519326	12
51734	Copper tube interior brush KI 734 (Ø 15 mm)	4001845517346	60
51736	Copper tube interior brush KI 736 (Ø 18 mm)	4001845517360	60
51738	Copper tube interior brush KI 738 (Ø 22 mm)	4001845517384	60
51748	Copper tube spindle spring KB 748	4001845517483	60
51750	Copper tube spindle spring KB 750	4001845517506	60
51752	Copper tube spindle spring KB 752	4001845517520	60
52310	Copper-Phosphorus hard solder KH 310	4001845523101	35
52214	Cordless soldering iron AK 214	4001845522142	27
51702	Corner pipe wrench 45° EZ 702	4001845517025	57
51704	Corner pipe wrench 45° EZ 704	4001845517049	57
51706	Corner pipe wrench 45° EZ 706	4001845517063	57
52237	Desoldering pump EP 237	4001845522371	29
52235	Desoldering wicks EL 235	4001845522357	29
52020	Diamant M 20	4001845520209	15
52028	Diamant M 28	4001845520285	15
52025	Diamant M 40	4001845520254	15
52030	Diamant M 50	4001845520308	15
52703	Dual magnet holder DM 703	4001845527031	91
52554	Earth clamp MK 554	4001845525549	85
52556	Earth clamp MK 556	4001845525563	85
52666	E-Bio-Gärtner EBG 666	4001845526669	74
52664	E-Bio-Gärtner EBT 664	4001845526645	74
52675	E-joint brush EFB 675	4001845526751	73
52211	Electric soldering gun EP 211	4001845522111	26

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52206	Electric soldering iron E 100	4001845522067	25
52198	Electric soldering iron E 15	4001845521985	24
52200	Electric soldering iron E 20	4001845522005	25
52202	Electric soldering iron E 60	4001845522029	25
52550	Electrode holders EH 550	4001845525501	85
52845	Electrode welding device ESG 140	4001845528458	79
52316	Electronic solder EL 316 (ECO TIN, lead-free, 6 g)	4001845523163	32
52322	Electronic solder EL 322 (200 g)	4001845523224	33
52324	Electronic solder EL 324 (70 g)	4001845523248	33
52548	Fillet weld brush KB 548	4001845525488	85
51718	Fitting pliers AZ 718	4001845517186	57
52339	Fittings solder WL 339 (250 g)	4001845523392	33
52340	Fittings solder WL 340 (100 g)	4001845523408	33
52298	Fittings soldering set FS 298	4001845522982	37
48100	Flame scarfing device F 10	4001845481005	47
52084	Flame scarfing device GV 900	4001845520841	47
52079	Flame scarfing device Profi PA 079	4001845520797	46
52078	Flame scarfing device PZ 6000	4001845520780	47
52082	Flame scarfing device ST 1000	4001845520827	47
52074	Flame scarfing device ST 500	4001845520742	47
52524	Flip up goggles SB 524	4001845525242	84
52740	Flux-cored welding wire FD 740 (Ø 0.9 mm, 0,9 kg)	4001845527406	89
52419	Gas cylinder wrench GF 419	4001845524191	101
52754	Gas filling adapter MS 754	4001845527543	53
52450	Gas hose VS 200	4001845524504	101
52123	Gas hose VS 300	4001845521237	52
52122	Gas hose VS 500	4001845521220	52
52758	Gas hose VS 758 (2 m)	4001845527581	52
52780	Gas hose VS 780 (10 m)	4001845527802	52
52486	Gas lighter Fancy GF 486	4001845524863	42
52484	Gas lighter GF 484 (Set of 3 pieces)	4001845524849	42
52446	Gas lighter Maxi Flexibel GA 446	4001845524467	41
52448	Gas lighter Maxi Flexibel Turbo GA 448	4001845524481	40
52449	Gas lighter Maxi Flexibel Turbo with lighter gas STF 449	4001845524498	40
52442	Gas lighter Maxi GA 442	4001845524429	41
52436	Gas lighter Mini GA 436	4001845524368	41
52472	Gas lighter Super Mini GA 472	4001845524726	41
52574	Gas nozzles GD 574	4001845525747	90
52576	Gas nozzles GD 576	4001845525761	90
52404	Gas pressure regulator with manometer DRF 404	4001845524047	100
52089	Gas trolley GT 89	4001845520896	53
52300	German silver hard solder NH 300	4001845523002	35
52522	Goggles with screw ring SB 522	4001845525228	84
52904	Helium set HS 904	4001845529042	94
51790	Hemp in dispenser HA 790 (40 g)	4001845517902	62
52594	Stainless steel welding wire ED 594 (Ø 0.8 mm, 1 kg)	4001845525945	89
52327	Hobby solder BL 327 (lead-free, 200 g)	4001845523279	33
52329	Hobby solder BL 329 (lead-free, 70 g)	4001845523293	33
52424	Hose rupture protection 50 mbar SB 424	4001845524245	101
52118	Hose rupture protection SB 118	4001845521183	51
52584	Inert gas welding wire SD 584 (Ø 0.6 mm, 1 kg)	4001845525846	89
52586	Inert gas welding wire SD 586 (Ø 0.8 mm, 1 kg)	4001845525860	89
52589	Inert gas welding wire SD 589 (Ø 0.8 mm, 5 kg)	4001845525891	89
52591	Inert gas welding wire SD 591 (Ø 0.8 mm, 15 kg)	4001845525914	89
52593	Inert gas welding wire SD 593 (Ø 1.0 mm, 15 kg)	4001845525938	89
52881	Inverter welding device ISG 147	4001845528816	78
52110	Leak detection spray Control Plus LS 110	4001845521107	53
52101	Lighter petrol FB 101	4001845521015	42
52692	Metal brush ESB 692 f. battery joint brush AFB 681	4001845526928	73
52010	Mini burner MB 010	4001845520100	14
52504	Oxygen (O2) SF 504 (0,95 l Aluminium bottle)	4001845525044	20
52508	Oxygen (O2) SF 508 (2,15 l Aluminium bottle)	4001845525082	20
52140	Piezo compact PC 140	4001845521404	9
51810	Pipe cleaning spiral RS 810	4001845518107	65
51818	Pipe cleaning spiral RS 818	4001845518183	65
51820	Pipe cleaning spiral RS 820	4001845518206	65

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51742	Pipe deburrer IA 742	4001845517421	61
51754	Plastic tube cutter KA 754	4001845517544	60
51756	Plastic tube cutter KA 756	4001845517568	56
52425	Premium single-burner gas cooker GK 425	4001845524252	98
52319	Premium solder for electronics EL 319 (ECO TIN, lead-free, 70 g)	4001845523194	32
52109	Pressure gas cartridge UG 230 (230 g)	4001845521091	19
52108	Pressure gas cartridge UG 440 (440 g)	4001845521084	19
52117	Pressure regulator 50 mbar DR 117	4001845521176	101
52452	Pressure regulator 50 mbar with 80 cm gas hose DRS 452	4001845524528	101
52516	Pressure regulator for inert gas devices DR 516	4001845525167	86
52513	Pressure regulator for MIG 100 DR 513	4001845525136	86
52810	Pressure regulator for MIG 100 DR 810	4001845528106	86
52518	Pressure regulator for MIG 100 with hose nipple DR 518	4001845525181	86
52460	Pressure regulator for screw-in cartridge DR 460	4001845524603	100
52428	Pressure regulator with filling level indicator DRF 428	4001845524283	100
52132	Professional hand soldering device TS 1800	4001845521329	11
52241	Professional soldering assistant LA 241	4001845522418	29
52090	Professional turbo brazing set TL 2000	4001845520902	11
52065	Profi Man PZ 2000	4001845520650	11
52113	Propane regulator 1-4 bar DR 113	4001845521138	51
52115	Propane regulator 1-4 bar DR 115	4001845521152	51
52112	Propane regulator 2.5 bar DR 112	4001845521121	50
52114	Propane regulator 2.5 bar DR 114	4001845521145	51
52534	Protective cover glass VG 534	4001845525341	84
52318	Radio solder RL 318 (lead-free, 6 g)	4001845523187	33
52334	Radio solder RL 334 (70 g)	4001845523347	33
52103	Refilling gas NG 103 (100 ml)	4001845521039	21
52096	Refilling gas NG 96 (250 ml)	4001845520964	21
52690	Replacement battery ESA 690 f. battery joint brush AFB 681	4001845526904	73
52678	Replacement brushes for E-joint brushes EFB 768	4001845526782	73
52213	Replacement soldering tip 100 W LS 213	4001845522135	26
51940	Replacement tip for 51932 + 52143 ES 940	4001845519401	12
51944	Replacement tip for 51932 + 52143 ES 944	4001845519449	12
52345	Sal ammoniac stone SN 345 (80 g)	4001845523453	28
51830	Sanitary cross wrench SK 830	4001845518305	61
51786	Screw hole punch SL 786	4001845517865	65
51788	Screw hole punch SL 788	4001845517889	65
52582	Set of gas nozzles GD 582	4001845525822	90
52252	Set of stamps ST 252	4001845522524	27
52250	Set of tips for inscribing and drawing SM 250	4001845522500	27
52320	Silver hard solder SH 320	4001845523200	35
52423	Single flame gas cooker GK 423	4001845524238	99
52598	Slag hammer SR 598	4001845525983	87
51766	Tin snips BS 766	4001845517667	64
51760	Tin snips cut left BS 760	4001845517605	64
51762	Tin snips cut left/right/straight BS 762	4001845517629	64
51764	Tin snips cut right BS 764	4001845517643	64
52240	Soldering assistant LA 240	4001845522401	29
52055	Soldering case turbo soldering professional LK 2000	4001845520551	13
52368	Soldering fluid copper sheet LWK 368	4001845523682	37
52344	Soldering fluid FM 344	4001845523446	36
52372	Soldering fluid zinc sheet LWZ 372	4001845523729	37
52347	Soldering flux for fittings FM 347	4001845523477	36
52343	Soldering flux for silver solder FM 343	4001845523439	36
52342	Soldering grease FM 342	4001845523422	28
52155	Soldering lamp LM 1000	4001845521558	9
52156	Soldering lamp LM 1000	4001845521565	9
52159	Soldering lamp LM 1000	4001845521596	9
52163	Soldering lamp LM 2000	4001845521633	9
52165	Soldering lamp LM 2000	4001845521657	9
52170	Soldering lamp LM 3000	4001845521701	10
52188	Soldering lamp PZ 5000	4001845521886	9
52190	Soldering lamp PZ 5000	4001845521909	9
52192	Soldering lamp PZO 7000	4001845521923	8
52348	Soldering paste for fittings FP 348	4001845523484	36
52216	Soldering station LD 48	4001845522166	26
52219	Soldering tip 1.2 mm "pencil" LS 219	4001845522197	26
52129	Soldering tip 15 W LS 129	4001845521299	25
52126	Soldering tip 20 W LS 126	4001845521268	25
52218	Soldering tip 3.2 mm "chisel" LS 218	4001845522180	26
52127	Soldering tip 60/100 W LS 127	4001845521275	25
52232	Soldering tip cleaner LR 232	4001845522326	28
52130	Soldering turbo burner LM 1750	4001845521305	10
51794	Spare cutter wheel for 51722/51728 ES 794	4001845517940	59
51796	Spare cutter wheel for 51724/51730 ES 796	4001845517964	59
52515	Special gas AT 3000	4001845525150	20
52105	Special gas SG 105	4001845521053	18
52398	Stainless steel electrode rod ES 398 (Ø 2.5*300 mm)	4001845523989	88
52750	Steel bottle PG 750	4001845527505	52
52542	Steel brush SB 542	4001845525426	85
52544	Steel brush SB 544	4001845525440	85
52418	Stool cooker HK 418	4001845524184	99
51770	Syphon pliers SZ 770	4001845517704	58
51792	Teflon tape in dispenser TB 792 (12 m)	4001845517926	63
51800	Thread sealing paste GP 800	4001845518008	63
52366	Tin-lead solder rod for cooper sheet SK 366	4001845523668	34
52369	Tin-lead solder rod for zinc sheet SZ 369	4001845523699	34
52377	Tin-lead solder rod for zinc sheet SZ 377	4001845523774	34
52228	Tinner TI 228 (15 g)	4001845522289	28
52231	Tinstone ZS 231	4001845522319	13
51746	Tube bender RB 746	4001845517469	60
51722	Tube cutter RA 722	4001845517223	59
51724	Tube cutter RA 724	4001845517247	59
51728	Tube cutter RA 728	4001845517285	59
51730	Tube cutter RA 730	4001845517308	59
52060	Turbo hand soldering device GT 2000	4001845520605	11
52421	Two-flame cooker Capri ZK 421	4001845524214	99
52414	Two-stage pressure regulator DR 414	4001845524146	100
52492	Two-way valve ZV 492	4001845524924	101
52033	Universal burner KB 80	4001845520339	14
52107	Universal pressure gas cartridge AT 2000	4001845521077	19
52104	Universal pressure gas cartridge AT 7500	4001845521046	19
51782	Universal ratchet wrench US 782	4001845517827	61
51850	Universal toilet seat & sanitary installation wrench WSM 850	4001845518503	62
52350	Universal welding electrode rod US 350 (Ø 1.5*250 mm)	4001845523507	88
52352	Universal welding electrode rod US 352 (Ø 2.0*300 mm)	4001845523521	88
52354	Universal welding electrode rod US 354 (Ø 2.5*350 mm)	4001845523545	88
52356	Universal welding electrode rod US 356 (Ø 3.2*350 mm)	4001845523569	88
52380	Universal welding electrode rod US 380 (Ø 1.5*250 mm)	4001845523804	88
52382	Universal welding electrode rod US 382 (Ø 2.0*300 mm)	4001845523828	88
52384	Universal welding electrode rod US 384 (Ø 2.5*350 mm)	4001845523842	88
52386	Universal welding electrode rod US 386 (Ø 3.2*350 mm)	4001845523866	88
52392	Universal welding electrode rod US 392 (Ø 2.0*300 mm)	4001845523927	88
52394	Universal welding electrode rod US 394 (Ø 2.5*350 mm)	4001845523941	88
52396	Universal welding electrode rod US 396 (Ø 3.2*350 mm)	4001845523965	88
51784	Variably adjustable ratchet RA 784	4001845517841	61
71847	Viewing pane 47*103 mm for 52841	4001845718477	82
71848	Viewing pane 90*110 mm for 52841	4001845718484	82
51712	Water pump pliers WZ 712	4001845517124	58
51714	Water pump pliers WZ 714	4001845517148	58
51716	Water pump pliers WZ 716	4001845517162	58
52670	Weed brush set UBS 670	4001845526706	74
52528	Welding face-shield HS 528	4001845525280	83
52500	Welding Fix SF 3100	4001845525006	14
52596	Welding gloves SH 596	4001845525969	87
52536	Welding protection glass SG 536	4001845525365	83
52538	Welding protection glass SG 538	4001845525389	83
52532	Welding protection helmet KS 532	4001845525327	83
52520	Welding safety goggles SB 520	4001845525204	84
52517	Welding seperating spray TS 517	4001845525174	90
52244	Wood burning iron BM 30	4001845522449	27
52245	Wood burning iron set BM 245	4001845522456	27

Technical and optical parameters subject to change.

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