

Quality
Made in
Germany



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GmbH

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Material-Code, z. B. bei Modell 5a:

5a	Stahl vernickelt bzw. blank eingeölt <i>Carbon Steel, nickel-plated or oiled</i>
5a S	Rostfreier Chromstahl, gehärtet <i>Stainless Chrome-Steel, hardened</i>
5a SA	Chrom/Nickel-Edelstahl, Rostfrei, antimagnetisch und bedingt säurebeständig <i>Chrome/Nickel-Steel, Stainless, anti-magnetic and anti-acid</i>
5a SA-T	dto., jedoch ganz Teflon beschichtet <i>same, but tips coated with Teflon (PTFE)</i>
5a SA-PVD	dto., jedoch komplett mit PVD-Beschichtung <i>same, but completely PVD-coated</i>
5a SA-ESD	<i>Schutz vor elektronischer Überbelastung bei Bauteilen, elektrostatisch hoch-ohmig ableitend, mit TÜV-Zertifikat ESD.</i> <i>Protection against electronic overload as far as chip components are concerned, electrostatic OHM-conductive, with TÜV-Certificate ESD.</i>
R5a SA	dto, jedoch als selbstklemmende, durchgesteckte Kreuzpinzette <i>same, but manufactured as reversible Tweezer (box-joint)</i>
5a TA	Titan <i>Titanium</i>
5a NS	Neusilber <i>German Silver</i>
5a CA	Spezialstahl, Rostfrei, un-magnetisch und super-säurebeständig <i>Special alloy, stainless, non-magnetic and super-acid-resistant</i>
5a ALU	Aluminium <i>Aluminium</i>
5a M	Messing <i>Brass</i>

Nachdruck, vollständig oder auch ausdrucksweise, sowie Weitergabe oder Vervielfältigung ist ohne die ausdrückliche schriftliche Genehmigung untersagt!

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Alle Preise zuzüglich der gesetzlichen Mehrwertsteuer

Das Eigentumsrecht an der Bild-Preisliste bleibt vorbehalten.

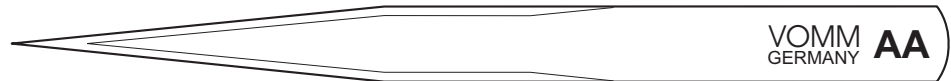
Alle Zeichnungen sind so naturgetreu wie möglich, aber unverbindlich.

Modelländerungen vorbehalten.



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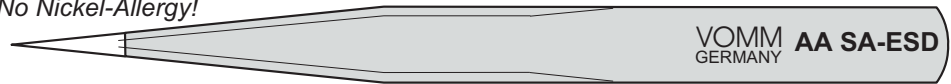
AA	9184	8,46
AA S	9284	9,84
AA SA	9384	10,40
AA M	9484	13,46

Universalpinzette, sehr populär
Universal Tweezer, very popular

130 mm



No Nickel-Allergy!

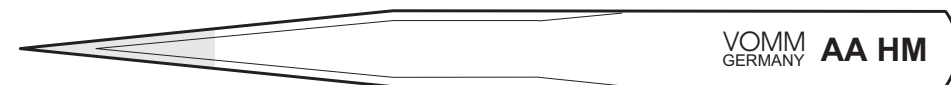


AA SA-ESD	3616	10,34
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Wie AA SA, jedoch ESD-beschichtet
Same as AA SA, but ESD-coated



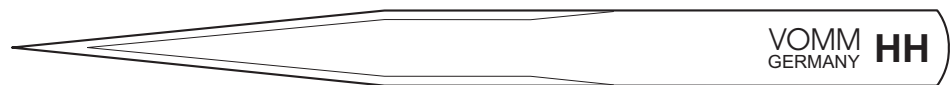
130 mm



AA HM	8400	56,58
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Wie AA S, jedoch mit Hartmetall bestückt
Same as AA S, but tips fitted with Hardmetal

128 mm



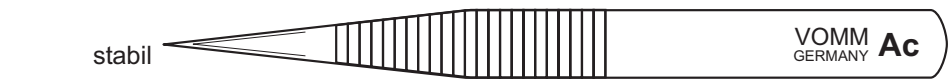
HH	8184	9,44
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Universalpinzette, sehr populär *Universal Tweezer, very popular*

120 mm

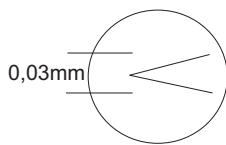
Ac	9000	13,30
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stabil
heavy



VOMM GERMANY **Ac**

110 mm



BB	9390	9,18
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Leichte Hohlpinzette, Spitze mit Ansatz
Light-weight and hollow, structured point



VOMM GERMANY **BB**

115 mm



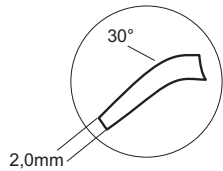
F SA	9382	14,42
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Flache Spitzen wie 2a, jedoch eckig
Flat tips as 2a, but square



VOMM GERMANY **F SA**

120 mm



Fb SA 9640 17,10



Flach-eckige Spitzen wie F, jedoch gebogen
Flat square tips as F, but bent

117 mm

GG SA 9388 19,18



Amerikanische Form
American Style

130 mm



No Nickel-Allergy!

GG SA-ESD 3617 13,58



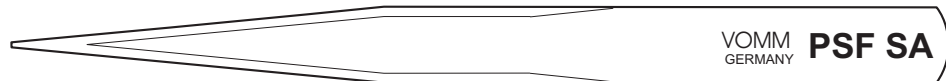
Wie GG SA, jedoch ESD-beschichtet
Same as GG SA, but ESD-coated

130 mm



PSF SA 9389 13,00

Wie AA, jedoch eckig-breite Spitze mit Zahnung
Same as AA, but fine square tips with serration



Wie AA, jedoch eckig-breite Spitze ohne Zahnung
Same as AA, but fine square tips without serration

130 mm

RR 9015 14,04



Breit und stark
Broad and strong

145 mm

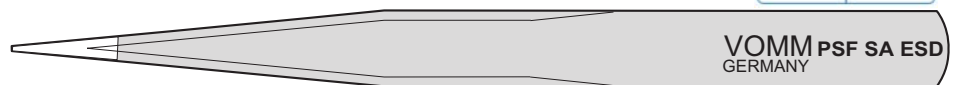


No Nickel-Allergy!

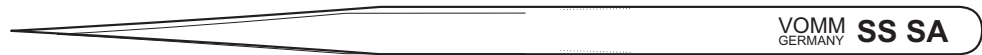


PSF SA-ESD 3615 12,74
 3633 13,44

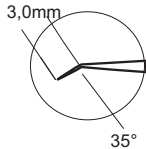
Wie PSF SA, jedoch ESD-beschichtet *Same as PSF SA, but ESD-coated*
 Wie PSF SA- ESD, jedoch mit Zahnung *Same as PSF SA - ESD, but serrated*



130 mm



SS SA 9387 **14,22** Schlank und schwach
Narrow, low resilience 135 mm



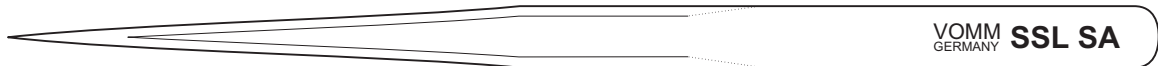
SSbb SA 6971 **16,54** Wie SS, jedoch Spitze kurz gebogen
Same as SS, but tips short bent 133 mm



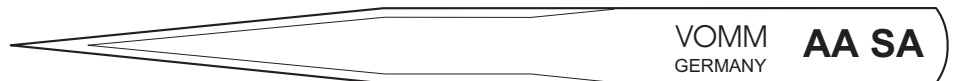
SS SA-ESD 3619 **15,08** Schlank und schwach
Narrow, low resilience 135 mm
No Nickel-Allergy!

SSbb SA-ESD 3613 **16,70** Wie SSbb SA, jedoch Spitze kurz gebogen
Same as SSbb SA, but tips short bent


Wie SS SA, jedoch ESD-beschichtet *Same as SS SA, but ESD-coated*
 Wie SSbb SA, jedoch ESD-beschichtet *Same as SSbb SA, but ESD-coated*



SSL SA 9487 **18,10** Länger und stärker als SS
Longer and stronger than SS 160 mm



AA SA 9386 **11,22** Wie AA, jedoch mit Zahnung
Same as AA, but with serration 130 mm



VOMM GERMANY **00 SA**

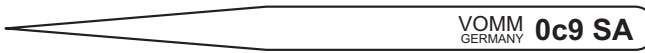
00 SA 8700 16,16 Dick, mittelfeine Spitzen *Thick, semi-pointed tips* 120 mm




VOMM GERMANY **00 SA-ESD**


00 SA-ESD 3629 17,74 Wie 00 SA, jedoch ESD-beschichtet *Same as 00 SA, but ESD-coated*

No Nickel-Allergy!

VOMM GERMANY **0c9 SA**

0c9 SA 8710 13,30 schmal, glatt *narrow, smooth* 90 mm



VOMM GERMANY **1 SA**

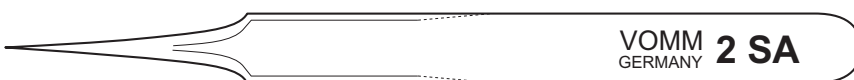
1 SA 8980 13,46 Universell einsetzbar *All Purpose Tweezer* 120 mm




VOMM GERMANY **1 SA-ESD**


1 SA-ESD 3628 13,60 Wie 1 SA, jedoch ESD-beschichtet *Same as 1 SA, but ESD-coated* 120 mm

No Nickel-Allergy!

VOMM GERMANY **2 SA**

2 SA 9381 14,24 Mittelfeine Spitzen *Semi-pointed tips* 120 mm





VOMM GERMANY **2 SA-ESD**

2 SA-ESD 3609 12,30 Wie 2 SA, jedoch ESD-beschichtet *Same as 2 SA, but ESD-coated* 120 mm

No Nickel-Allergy!

Mittelfeine Spitzen *Medium-fine tips*

VOMM GERMANY **2a SA**

2a SA 9378 14,24 Flach-runde Spitzen *Flat-round tips* 120 mm



VOMM 2a SA-T
GERMANY anti-allergy

2a SA-T 9478 21,88

Wie 2a SA, jedoch mit PTFE beschichtet
Same as 2a SA, but coated with PTFE

120 mm



No Nickel-Allergy!

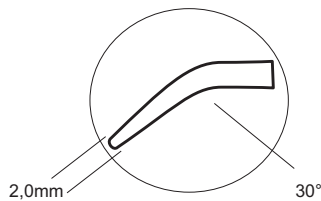


VOMM 2a SA-ESD
GERMANY

120 mm

2a SA-ESD 3611 12,94

Wie 2a SA, jedoch ESD-beschichtet
Same as 2a SA, but ESD-coated

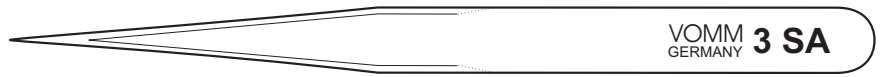


VOMM 2ab SA
GERMANY

2ab SA 9368 17,72

Spitze wie 2a, jedoch winklig gebogen
Same tips as 2a, bent

117 mm



VOMM 3 SA
GERMANY

3 SA 9383 14,42
3M 9483 18,84

Spitz
Pointed

120 mm



No Nickel-Allergy!

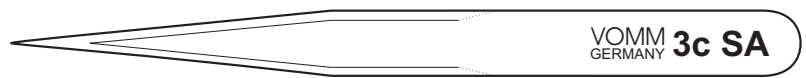


VOMM 3 SA-ESD
GERMANY

120 mm

3 SA-ESD 3608 13,14

Wie 3 SA, jedoch ESD-beschichtet
Same as 3 SA, but ESD-coated



VOMM 3c SA
GERMANY

3c S 9683 14,60

Rostfrei
Stainless

110 mm

3c SA 9783 14,42

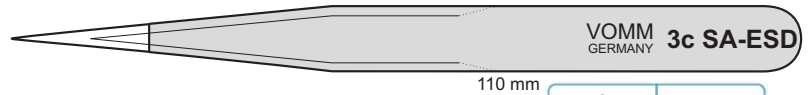
Wie 3, jedoch kürzer
Same as 3, but shorter

110 mm



No Nickel-Allergy!

3c SA-ESD 3610 13,14



Wie 3c SA, jedoch ESD-beschichtet

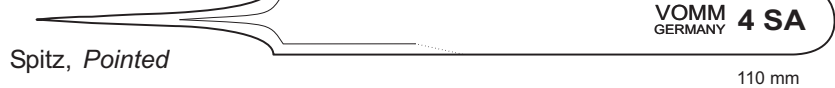
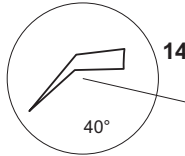
Same as 3c SA, but ESD-coated



4 S 9679 15,12

Rostfreier Chromstahl gehärtet Stainless Chrome-Steel hardened 110 mm

4 SA 9779 14,42



Spitz, Pointed

VOMM GERMANY 4 SA

110 mm

4b S 9280 17,16

Rostfreier Chromstahl gehärtet Stainless Chrome-Steel hardened 110 mm

4b SA 9380 15,22

Chrom / Nickel - Edelstahl Chrome / Nickel - Steel hardened 110 mm



Spitz, gebogen Pointed, bent

VOMM GERMANY 4b SA



No Nickel-Allergy!

4 SA-ESD 3618 13,58

Wie 4 SA, jedoch ESD-beschichtet

Same as 4 SA, but ESD-coated



110 mm



MF 5 SA 9379.1 19,46

Chrom / Nickel - Edelstahl 110 mm

Very pointed Sehr spitz



anti-acid
STAINLESS-ANTIMAGNETIC

VOMM GERMANY 5 SA

5 S 9279 14,36

Rostfreier Chromstahl gehärtet Stainless Chrome-Steel hardened 110 mm

5 SA 9379 14,42

Chrom / Nickel - Edelstahl Chrome / Nickel - Steel hardened 110 mm



No Nickel-Allergy!

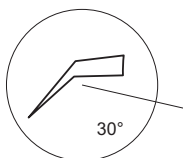
5 SA-ESD 3604 13,58

Wie 5 SA, jedoch ESD-beschichtet

Same as 5 SA, but ESD-coated



110 mm



5bb SA 6972 16,16

Sehr spitz, kurz gebogene Spitze, 3mm lang Very pointed, short bent tips, 3mm long



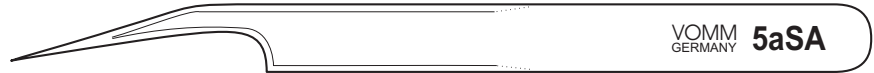
anti-acid
STAINLESS-ANTIMAGNETIC

VOMM GERMANY 5bb SA

107 mm

5bb SA-ESD 3627 16,28

Wie 5bb SA, jedoch ESD-beschichtet Same as 5bb SA, but ESD-coated



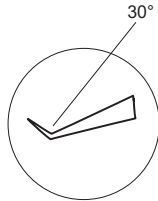
VOMM GERMANY **5a SA**

5a SA

9377 **15,02**

Spitz
Pointed

120 mm



VOMM GERMANY **5abb SA**

117 mm

5abb SA

6970 **17,10**

Feine, kurz gebogene Spitze

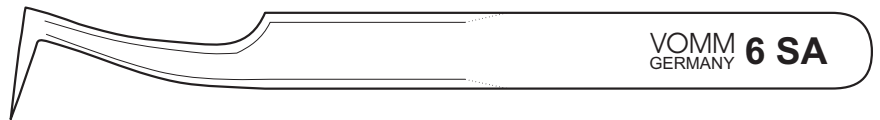
Fine, short bent tips

5abb SA-ESD

3625 **18,10**

Wie 5abb SA, jedoch ESD-beschichtet

Same as 5abb SA, but ESD-coated



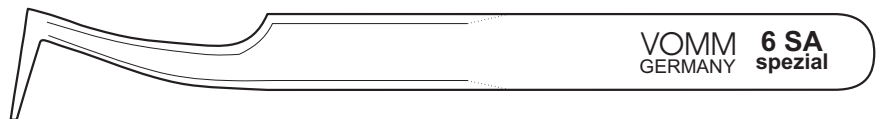
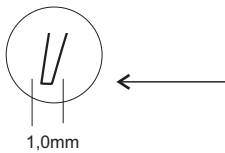
VOMM GERMANY **6 SA**

6 SA

6987 **16,92**

Feine Hakenspitze
Fine, hooked tips

120 mm



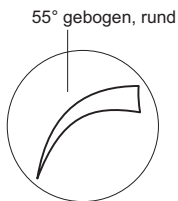
VOMM GERMANY **6 SA spezial**

6 spez. SA

6986 **17,08**

Wie 6 SA, jedoch eckige Spitze
Same as 6 SA, but square tips

115 mm



VOMM GERMANY **7a SA**

7a SA

9376 **17,32**

Feine Sichelspitze *Fine lunate tips*

120 mm

7a SA-T

9391 **25,02**

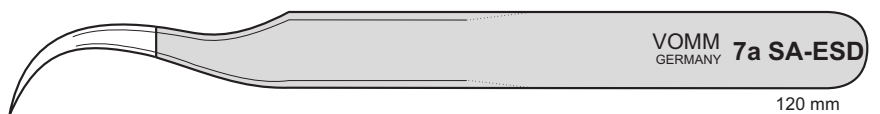
Wie 7a SA, jedoch Teflon-beschichtet

Same as 7a SA, but Teflon-coated

120 mm



No Nickel-Allergy!



VOMM GERMANY **7a SA-ESD**

120 mm

7a SA-ESD

3605 **17,00**

Wie 7a SA, jedoch ESD-beschichtet
Same as 7a SA, but ESD-coated





3mm Winklig versetzt 30°



Feine Sichelform mit kurzer gerader Spitze, 3mm lang
Fine lunate shape with short straight tips, 3mm long

7abb SA 6950 20,16

120 mm



3mm Winklig versetzt 30°

No Nickel-Allergy!



Wie 7abb SA, jedoch ESD-beschichtet
Same as 7abb SA, but ESD-coated



7abb SA-ESD 20,34 3612

120 mm



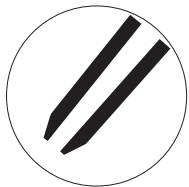
120 mm

7 SA 9375 15,58

mit kurzer gerader Spitze *shape with short straight tips*

7 SA-ESD 3630 16,70

Wie 7 SA, jedoch ESD-beschichtet *Same as 7 SA, but ESD-coated*



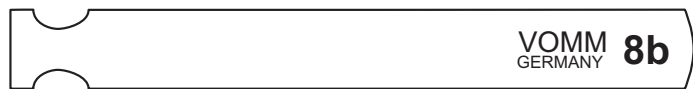
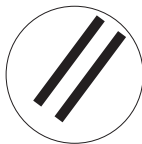
10 mm



8 SA 3800 15,02

Biegepinzette
Forming Tweezer

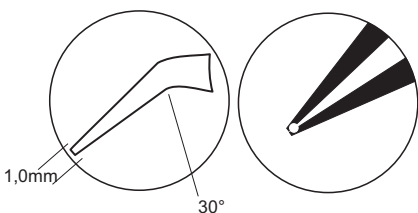
120 mm



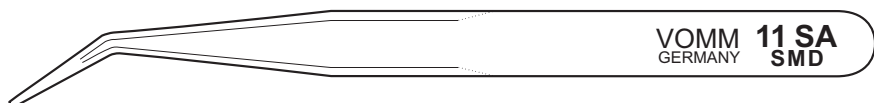
8b 3802 13,06

Biegepinzette
Forming Tweezer

100 mm



1,0mm 30°



Passend für Mini-MELF, Einfräsung $\varnothing 0,5\text{mm}$
For Mini-MELF, milled slot, $\varnothing 0,5\text{mm}$

11 SA-SMD 6611 17,72

117 mm

8 SA-SMD 6615 **17,32**



Glatt

Smooth

VOMM GERMANY **8 SA SMD**

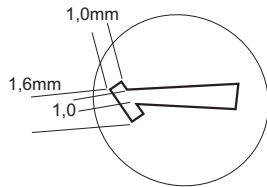
120 mm

8a SA-SMD 6617 **19,62**

Mit Einfräsung, $\varnothing 0,5$ mm Milled slot, $\varnothing 0,5$ mm

VOMM GERMANY **8a SA SMD**

120 mm

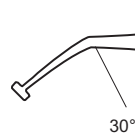


8b SA-SMD 6616 **17,90**

Wie 8 SA-SMD, jedoch gebogen Same as 8 SA-SMD, but bent

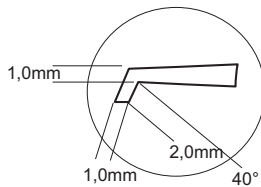
8b SA SMD-ESD 3624 **17,30**

Wie 8b SA-SMD, jedoch ESD-beschichtet Same as 8b SA-SMD, but ESD-coated



VOMM GERMANY **8b SA SMD**

120 mm



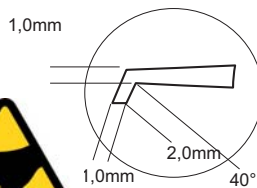
12 SA-SMD 6612 **16,92**

Spezialpinzette, u.a. für SMD-Bauelemente Special Tweezer, e.g. for SMT-Chips

VOMM GERMANY **12 SA SMD**

120 mm

12 SA-SMD ESD 3601 **16,56**



No Nickel-Allergy!

Wie 12 SMD, jedoch ESD-beschichtet
Same as 12 SMD, but ESD-coated



VOMM GERMANY **12 SA SMD-ESD**

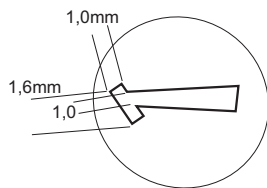
120 mm

13 SA-SMD 6613 **16,92**

Spezialpinzette, u.a. für SMD-Bauelemente
Special Tweezer, e.g. for SMT-Chips

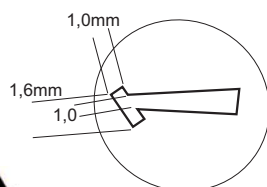
VOMM GERMANY **13 SA SMD**

120 mm



No Nickel-Allergy!

13 SA-SMD ESD 3602 **16,56**




Wie 13 SMD, jedoch ESD-beschichtet
Same as 13 SMD, but ESD-coated




VOMM GERMANY **13 SA SMD-ESD**

120 mm



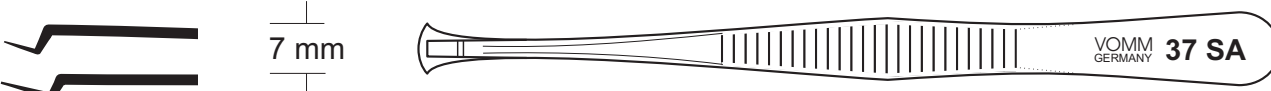
14 S 7977 **16,92** Spitzen 4 mm breit
Tips 4 mm wide 115 mm



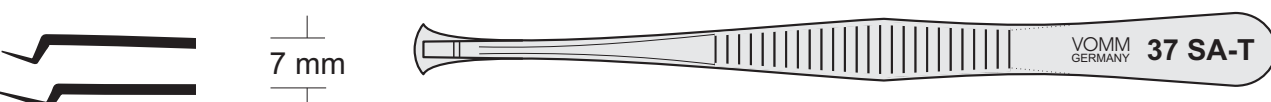
15a 9501 **47,58** Schneidepinzette
Cutting-Tweezer 115 mm



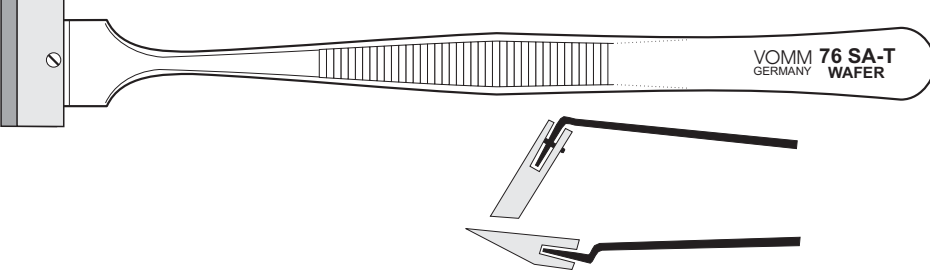
72a SA 7299 **19,02** Waferpinzette, 3 mm breite Spitze
Wafer Tweezer, 3 mm wide tips 115 mm



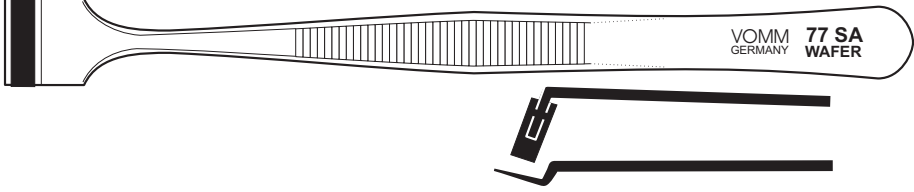
37 SA 3729 **26,10** Waferpinzette mit 2 Anschlagwinkel und schmalem Oberteil
Wafer Tweezer with 2 stop pins and narrow upper-shank 120 mm



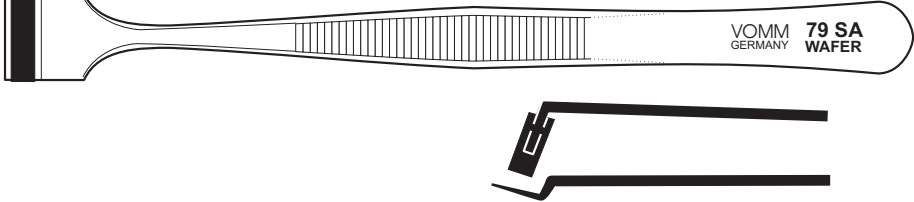
NEU! NEW!
37 SA-T 3731 **33,76** Waferpinzette mit 2 Anschlagwinkel und schmalem Oberteil, PTFE-beschichtet
Wafer Tweezer with 2 stop pins and narrow upper-shank, coted with PTFE 120 mm



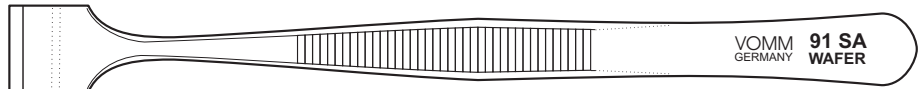
76 SA-T 6070 **55,44** Waferpinzette, 31 mm breit, mit Teflon-Paddel
Wafer Tweezer, 31 mm wide, with PTFE Pad 125 mm



77 SA-T 3779 **31,46** Waferpinzette, 12 mm breit, mit Teflon-Paddel
Wafer Tweezer, 12 mm wide, with PTFE Pad 125 mm



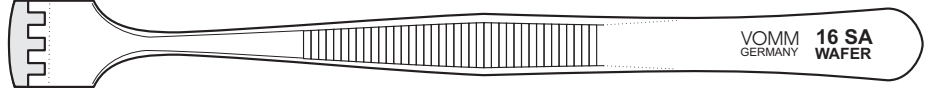
NEU! NEW!
79 SA-T 3780 **39,02** Waferpinzette, 20 mm breit, mit Teflon-Paddel
Wafer Tweezer, 20 mm wide, with PTFE Pad 125 mm



91 SA 7600 **18,66**

Waferpinzette, 12 mm breit
Wafer Tweezer, 12 mm wide

125 mm



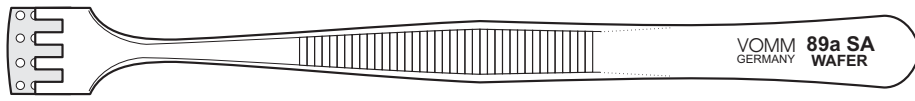
16 SA 4149 **19,20**

Wafer Pinzette, 12 mm breit
Wafer Tweezer, 12 mm wide

16 SA-T 4150 **26,66**

Wie 16 SA, jedoch ganz Teflon beschichtet
Same as 16 SA, but coated with Teflon

125 mm



89 SA 3948 **19,80**

Wafer Pinzette, 9 mm breit *Wafer Tweezer, 9 mm wide*

125 mm

89a SA 3949 **21,08**

Wafer Pinzette, 12 mm breit *Wafer Tweezer, 12 mm wide*

125 mm

89 SA-T 3951 **28,20**

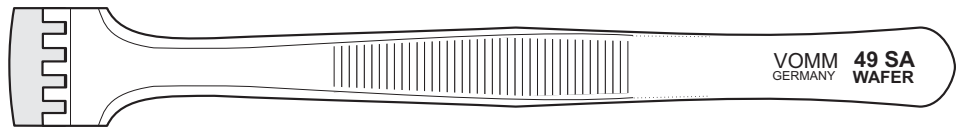
Wie 89 SA, jedoch ganz Teflon beschichtet

125 mm

89a SA-T 3950 **27,46**

Same as 89a SA, but coated with Teflon

125 mm



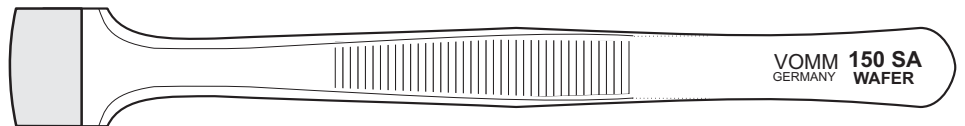
49 SA 4159 **20,16**

Waferpinzette, 16 mm breit
Wafer Tweezer, 16 mm wide

125 mm

49 SA-T 4160 **27,56**

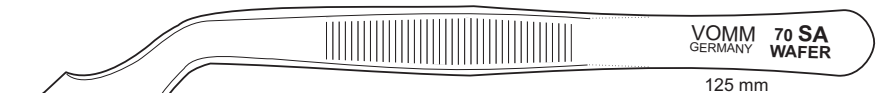
Wie 49 SA, jedoch ganz Teflon beschichtet
Same as 49 SA, but coated with Teflon



150 SA 5039 **31,64**

Waferpinzette, 16 mm breit
Wafer Tweezer, 16 mm wide

125 mm



70 SA 6069 **36,20**

Waferpinzette, 20 mm breit / *Wafer Tweezer, 20 mm wide*

125 mm

60 SA 6073 **29,34**

Wie 70 SA, jedoch gerade / *Same as 70 SA, but straight*

60 SA-T 6074 **39,68**

Wie 60 SA, jedoch ganz Teflon beschichtet *Same as 60 SA, but coated with Teflon*



38 SA 9585 **13,64**

Flach-breite Spitze, gerade *Flat, broad Tips*

105 mm

38a SA 9587 **14,80**

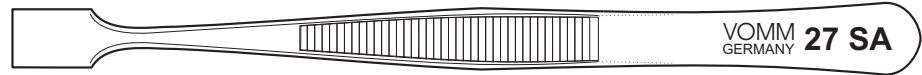
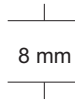
Wie 38 SA, jedoch gebogene Spitze *Same as 38 SA, but bent tips*

103 mm

38a 9589 **1,38**

Vernickelt, Preisgünstig *Nickel-plated, Low-Cost*

103 mm

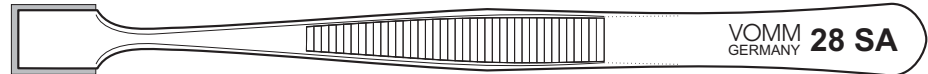
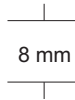


27 SA 9600 **14,24**
27a SA 9620 **18,84**

Flach und eckig *Flat and square*
 dto, jedoch gebogen *Same, but bent*

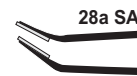


125 mm
 123 mm

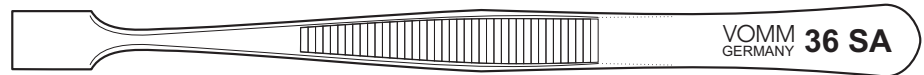


28 SA 9610 **15,02**
28a SA 9630 **20,40**

Wie 27 SA, mit Filz *Same as 27, with felt*
 Dto, jedoch gebogen *Same, but bent*



125 mm
 123 mm



36 SA 7715 **14,42**
36a SA 7716 **15,58**

Flach und eckig *Flat and square*
 dto, jedoch gebogen *Same, but bent*



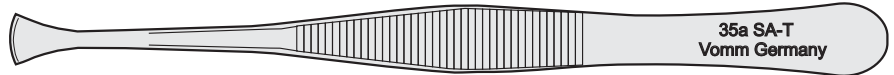
125 mm
 123 mm



35a SA 7982 **14,62**

Halbrunde, dünne Spitzen
Half-round and thin tips

120 mm



35a SA-T 7983 **22,30**

Wie 35a SA, jedoch ganz mit PTFE beschichtet
Same as 35a SA, but completely coated with PTFE

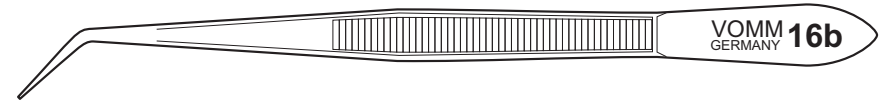
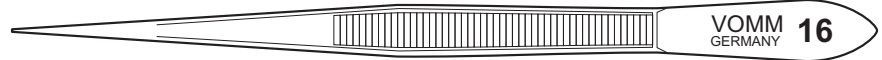
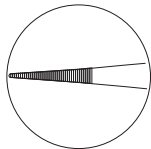
120 mm



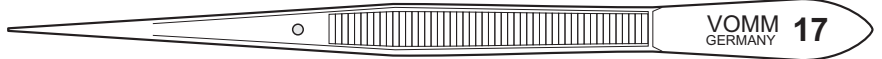
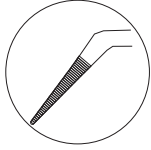
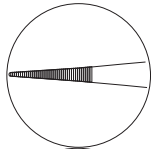
39 SA 9584 **14,24**
39a SA 9588 **15,58**

Flach und eckig *Flat and square*
 dto., jedoch gebogen *Same, but bent tips*

125 mm
 123 mm

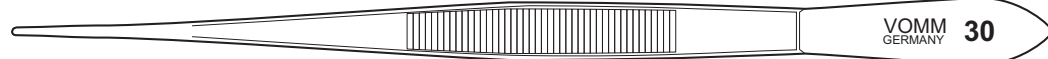
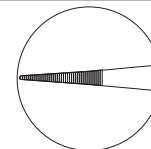


16	2010	7,54	Vernickelt, Spitze mit feiner Zahnung		120 mm
16b	2011	8,66	Nickel-plated, fine-serrated tips		120 mm

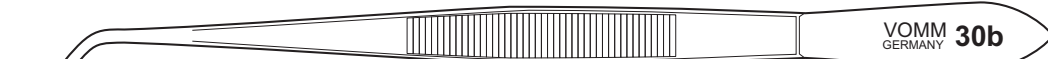
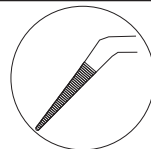


Mit Führungsstift with guide-pin

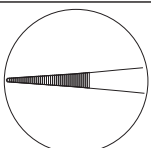
17	2012	9,44	wie Mod. 16	as Mod. 16	120 mm
17b	2013	11,16	wie Mod. 16b	as Mod. 16b	120 mm



30	5010	9,44	vernickelt, feine Zahnung	nickel-plated, fine serrated	145 mm
32	5110	11,94	vernickelt, feine Zahnung	nickel-plated, fine serrated	165 mm
34 SA	5210	12,32	18/10, feine Zahnung	stainless, antimagnetic, fine serrated	120 mm

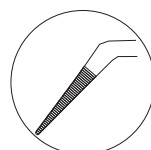


30b	5011	10,22	vernickelt, feine Zahnung	nickel-plated, fine serrated	145 mm
32b	5111	13,46	vernickelt, feine Zahnung	nickel-plated, fine serrated	165 mm
34b SA	5211	13,06	18/10, feine Zahnung	stainless, antimagnetic, fine serrated	120 mm



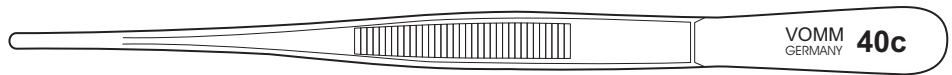
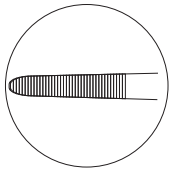
Mit Führungsstift with guide-pin

31	5012	10,98	vernickelt, feine Zahnung	nickel-plated, fine serrated	145 mm
33	5112	14,24	vernickelt, feine Zahnung	nickel-plated, fine serrated	165 mm
35 SA	5212	13,82	18/10, feine Zahnung	stainless, antimagnetic, fine serrated	120 mm



Mit Führungsstift with guide-pin

31b	5013	11,76	Vernickelt, feine Zahnung	nickel-plated, fine serrated	145 mm
33b	5113	15,02	vernickelt, feine Zahnung	nickel-plated, fine serrated	165 mm
35b SA	5213	14,42	18/10, feine Zahnung	stainless, antimagnetic, fine serrated	120 mm



40c

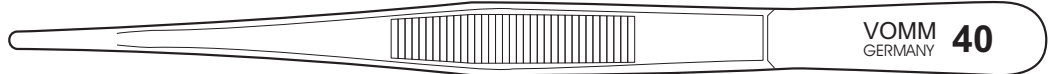
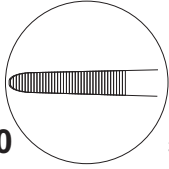
3009

9,44

Universalpinzette, 2 mm schmale, fein gezahnte Spitzen

Universal Tweezer, narrow 2 mm wide, fine serrated points

130 mm



40

3010

9,44

Vernickelt

Nickel-plated

145 mm

47

3311

12,54

Vernickelt

Nickel-plated

180 mm

42

3110

15,58

Vernickelt

Nickel-plated

200 mm

48

3312

23,32

Vernickelt

Nickel-plated

250 mm

46

3310

28,60

Vernickelt

Nickel-plated

300 mm

44 SA

3210

11,94

Rostfrei, antimagnetisch

Stainless, antimagnetic

120 mm

44 S

3214

11,80

Rostfrei, gehärtet

Stainless, hardened

120 mm

40 SA

3014

12,90

Rostfrei, antimagnetisch

Stainless, antimagnetic

145 mm

40 SA-ESD

3606

13,50

Wie 40 SA, jedoch ESD-beschichtet

Same as 40 SA, but ESD-coated

145 mm

69 SA

3019

23,10

Rostfrei, antimagnetisch

Stainless, antimagnetic

200 mm

71 S

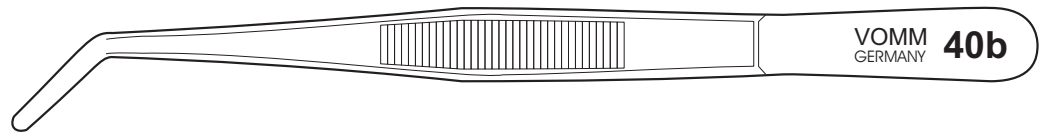
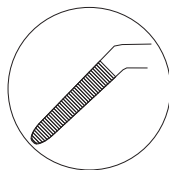
4412

26,64

Rostfrei, gehärtet

Stainless, hardened

250 mm



40b

3011

10,22

vernickelt

nickel-plated

145 mm

42b

3111

16,54

vernickelt

nickel-plated

200 mm

44b SA

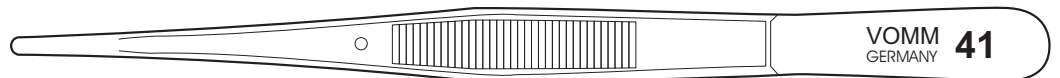
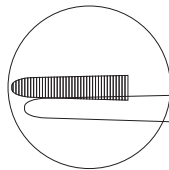
3211

12,90

Rostfrei, antimagnetisch

Stainless, antimagnetic

120 mm



Mit Führungsstift

with guide-pin

41

3012

11,76

vernickelt

nickel-plated

145 mm

43

3112

17,50

vernickelt

nickel-plated

200 mm

45 SA

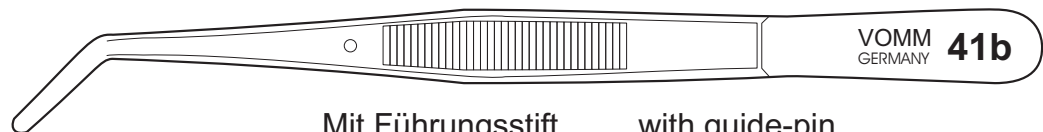
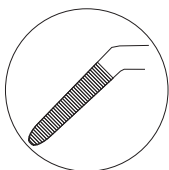
3212

13,46

Rostfrei, antimagnetisch

Stainless, antimagnetic

120 mm



Mit Führungsstift

with guide-pin

41b

3013

12,50

vernickelt

nickel-plated

145 mm

43b

3113

18,44

Vernickelt

nickel-plated

200 mm

45b SA

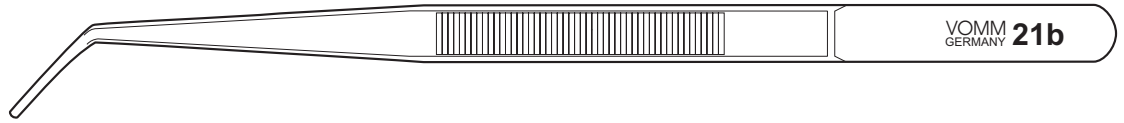
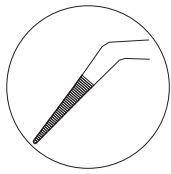
3213

14,42

Rostfrei, antimagnetisch

Stainless, antimagnetic

120 mm



VOMM GERMANY **21b**

21b

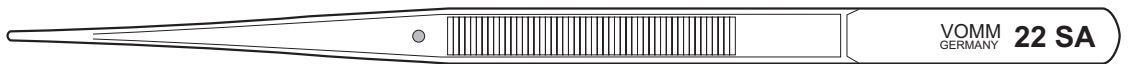
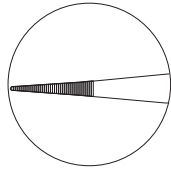
9152

8,88

Preisgünstige Universalpinzette, geriefelte Spitzen

Low-Cost Tweezer, serrated points

155 mm



VOMM GERMANY **22 SA**

Mit Führungsstift

with guide-pin

22

9155

10,22

vernickelt

nickel-plated

155 mm

22 S

9156

11,76

dto., aber Rostfrei

same, but stainless

155 mm

22 SA

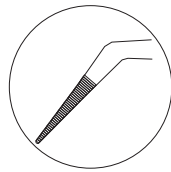
9159

13,30

dto., aber Antimagnetisch

same, but antimagnetic, stainless

155 mm



VOMM GERMANY **22b**

Mit Führungsstift

with guide-pin

22b

9153

10,56

wie Mod. 22, gebogen

same as Mod. 22, bent tips

155 mm

22b S

9154

12,50

wie Mod. 22 S, gebogen

same as Mod. 22 S, bent tips

155 mm

22b SA

9160

13,64

wie Mod. 22 SA, gebogen

same as Mod. 22 SA, bent tips

155 mm

No Nickel-Allergy!



VOMM GERMANY **22b SA-ESD**

155 mm

Mit Führungsstift

with guide-pin



22b SA-ESD

3632

13,74

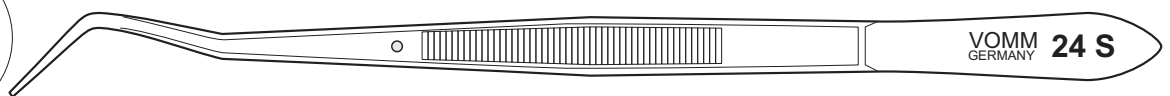
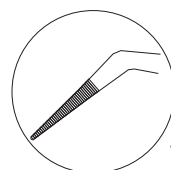
wie Modell 22b SA, jedoch ESD-beschichtet

22 SA-ESD

3607

11,86

same as Model 22 SA, but ESD-coated



VOMM GERMANY **24 S**

Mit Führungsstift

with guide-pin

24 S

9161

17,32

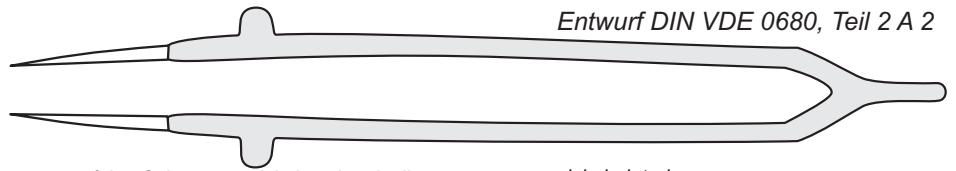
Typ Meriam, geriefelte Spitzen

Meriam Type, serrated points

155 mm



Entwurf DIN VDE 0680, Teil 2 A 2



AA SEC

8804 **15,94**

feine Spitzen, vernickelt, schutzisoliert *pointed tipsnickel-plated, Security-Insulation*

125 mm

AA SA-SEC

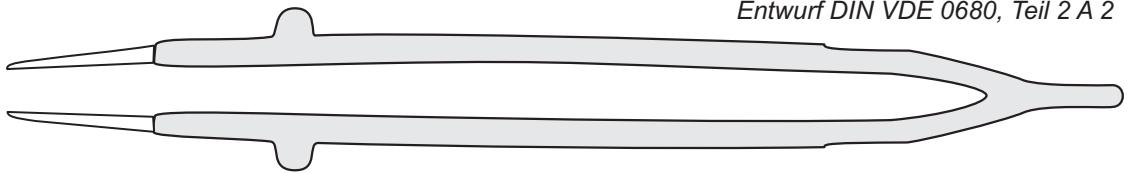
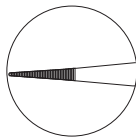
8805 **18,84**

(AA SA-SEC = Rostfrei, antimagnetisch) (AA SA-SEC = *Stainless, antimagnetic*)

125 mm



Entwurf DIN VDE 0680, Teil 2 A 2



22 SEC

8802 **15,94**

gerade, mittelfeine Spitzen, schutzisoliert (22b SEC=gebogen)

155 mm

22b SEC

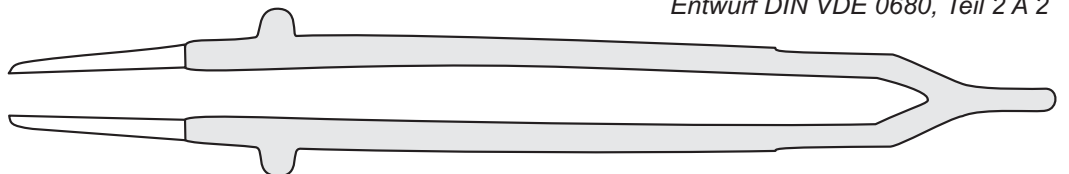
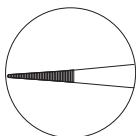
8803 **16,76**

straight, medium pointed, Security-Insulation (22b SEC=*bent*)

155 mm



Entwurf DIN VDE 0680, Teil 2 A 2



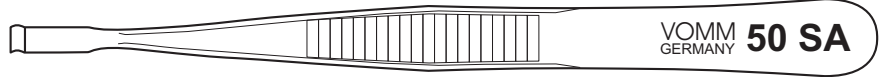
40 SEC

8801 **15,94**

gerade, breite Spitzen, schutzisoliert

straight, blunt pointed, Security-Insulation

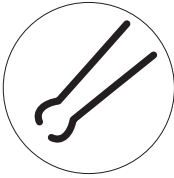
145 mm



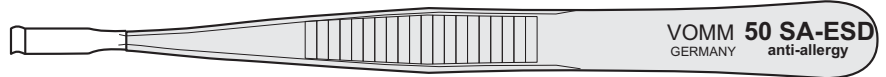
50 SA 2141 13,82

3 mm schmale Spitze, Aufnahme \varnothing 0,8 mm
3 mm wide tips, \varnothing 0.8 mm

120 mm



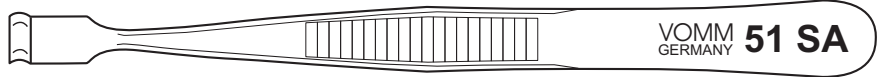
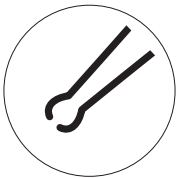
No Nickel-Allergy!



120 mm

50 SA-ESD 3620 13,72

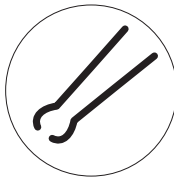
Wie 50 SA, jedoch ESD-beschichtet
Same as 50 SA, but ESD-coated



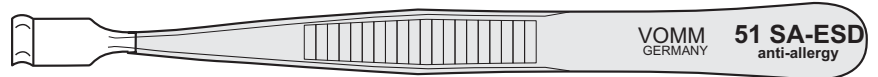
51 SA 2148 13,82

6.5 mm breite Spitze, Aufnahme \varnothing 1.5mm
6.5 mm wide tips, \varnothing 1.5 mm

120 mm



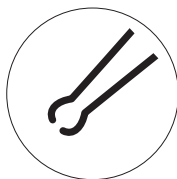
No Nickel-Allergy!



120 mm

51 SA-ESD 3621 13,72

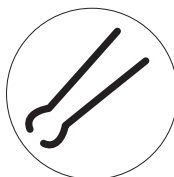
Wie 51 SA, jedoch ESD-beschichtet
Same as 51 SA, but ESD-coated



52 SA 2149 13,82

6.5 mm breite Spitze, Aufnahme \varnothing 3.5 mm
6.5 mm wide tips, \varnothing 3.5 mm

120 mm



No Nickel-Allergy!

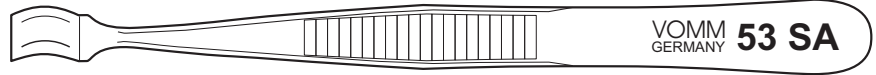
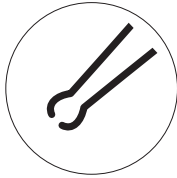


120 mm

52 SA-ESD 3622 13,72

Wie 52 SA, jedoch ESD-beschichtet
Same as 52 SA, but ESD-coated

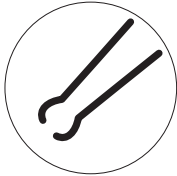




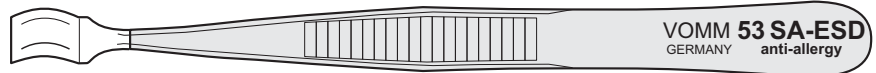
53 SA 2150 13,82

6.5 mm breite Spitze, Aufnahme \varnothing 6.5 mm
6.5 mm wide tips, \varnothing 6.5 mm

120 mm



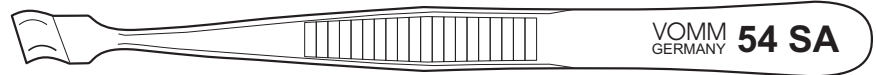
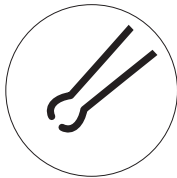
No Nickel-Allergy!



53 SA-ESD 3626 13,72

Wie 53 SA, jedoch ESD-beschichtet
Same as 53 SA, but ESD-coated

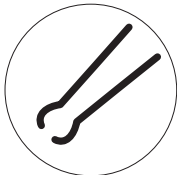
120 mm



54 SA 2146 13,82

6.5 mm breite Spitze, diagonale Aufnahme \varnothing 3.5 mm
6.5 mm wide tips, \varnothing 3.5 mm diagonal

120 mm



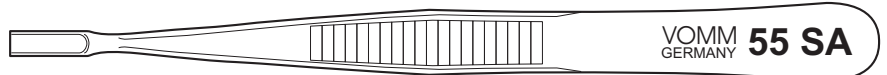
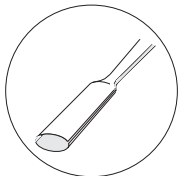
No Nickel-Allergy!



54 SA-ESD 3623 13,72

Wie 54 SA, jedoch ESD-beschichtet
Same as 54 SA, but ESD-coated

120 mm



55 SA 2155 13,82

Aufnahme \varnothing 2.0 mm
 \varnothing 2.0 mm

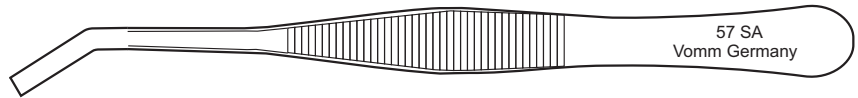
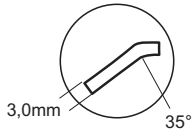
120 mm



56 SA 2151 13,82

Spitze 3 mm breit, flach
3 mm wide tips, flat

120 mm



57 SA

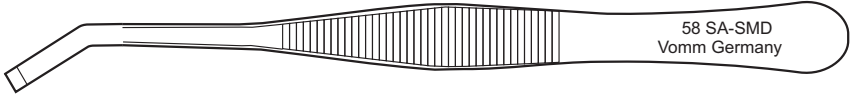
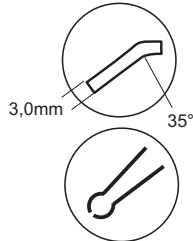
2152

14,42

Wie 56 SA, 3mm breit, 35° gebogen

Same as 56 SA, 3mm wide, 35° bent

120 mm



58 SA-SMD

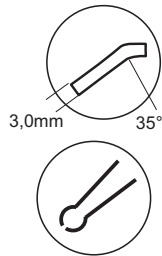
2142

15,02

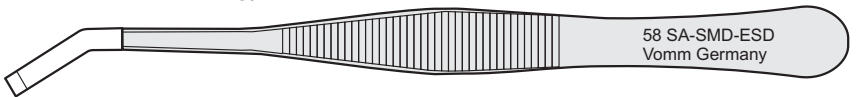
∅ 0.8 mm, 3mm breit, 35° gebogen

∅ 0.8 mm, 3mm wide, 35° bent

117 mm



No Nickel-Allergy!



58 SA-SMD-ESD

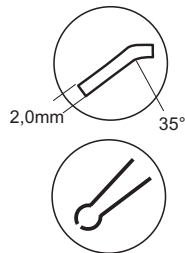
3614

14,76

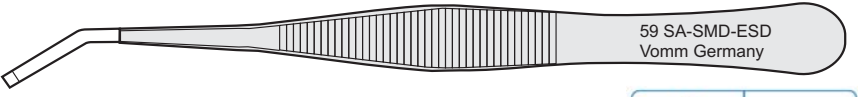
Wie 58 SA-SMD, jedoch ESD-beschichtet

Same as 58 SA-SMD, but ESD-coated

117 mm



No Nickel-Allergy!



59 SA-SMD

2143

14,08

∅ 0.8 mm, 2mm breit, 35° gebogen

∅ 0.8 mm, 2mm wide, 35° bent

117 mm

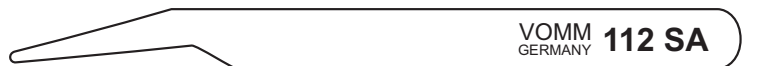
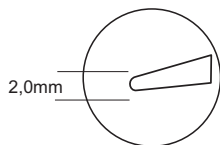
59 SA-SMD-ESD

3603

14,76

Wie 59 SA-SMD, jedoch ESD-beschichtet

Same as 59 SA-SMD, but ESD-coated



112 SA

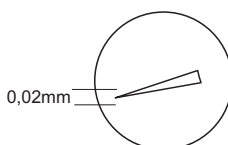
9215

18,10

Stumpfe Leichtpinzette, sehr dünn

Blunt Light Tweezer, very thin

100 mm



113 SA

9220

19,02

Spitze Leichtpinzette, sehr dünn

Pointed Light Tweezer, very thin

100 mm

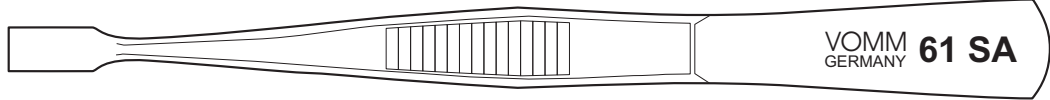
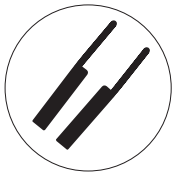
114 SA

9221

27,40

Sporenpinzette microfeine Spitze

Tweezer for picking up spores Microfine tips



VOMM
GERMANY **61 SA**

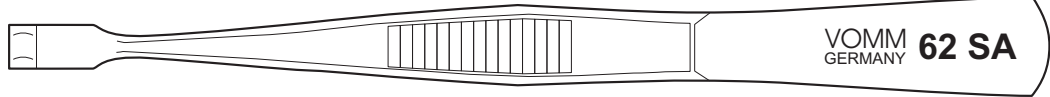
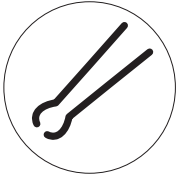
Wärmeableitpinzette mit Kupferbesatz

61 SA 3412

21,32

Heat-sinking Tweezer with copper-plated tips

145 mm



VOMM
GERMANY **62 SA**

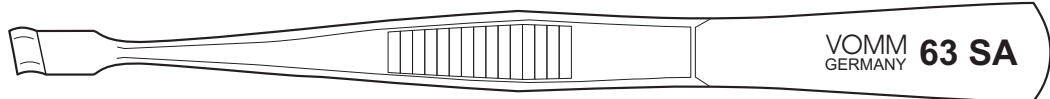
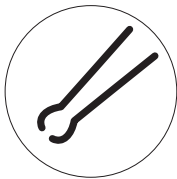
∅ 3,5 mm

62 SA 3416

16,34

∅ 3,5 mm

145 mm



VOMM
GERMANY **63 SA**

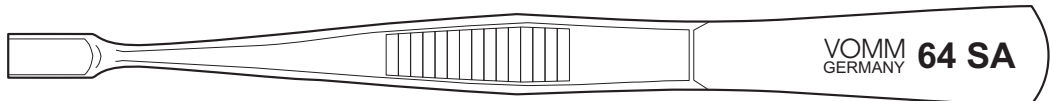
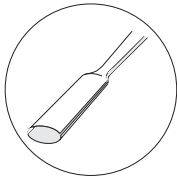
∅ 3,5 mm, diagonal

63 SA 3419

16,34

∅ 3,5 mm, diagonal

145 mm



VOMM
GERMANY **64 SA**

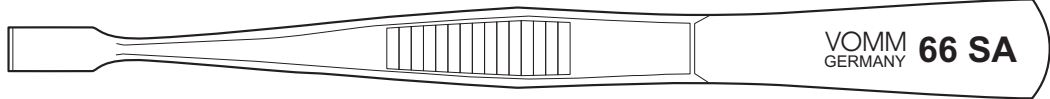
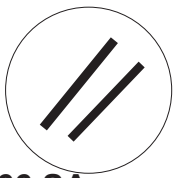
∅ 3,5 mm

64 SA 3414

16,34

∅ 3,5 mm

145 mm



VOMM
GERMANY **66 SA**

66 SA 3418

16,34

flach *flat*

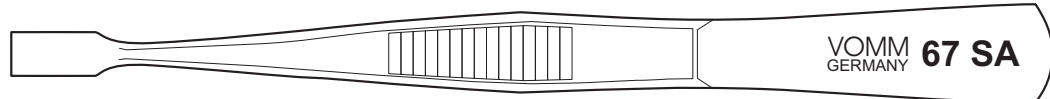
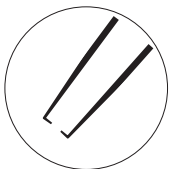
145 mm

66b SA 3411

25,60

gebogen *bent*

145 mm



VOMM
GERMANY **67 SA**

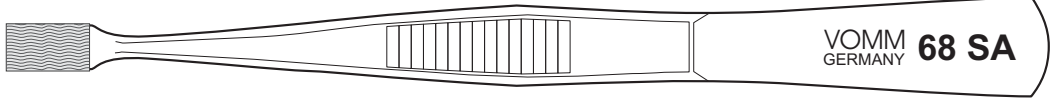
winklig

67 SA 3417

16,34

bent

145 mm



VOMM
GERMANY **68 SA**

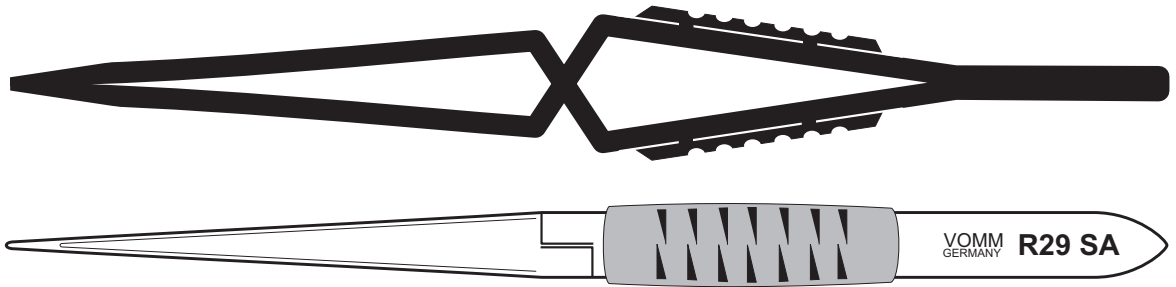
Spitze mit Silikon-Schutz

68 SA 3413

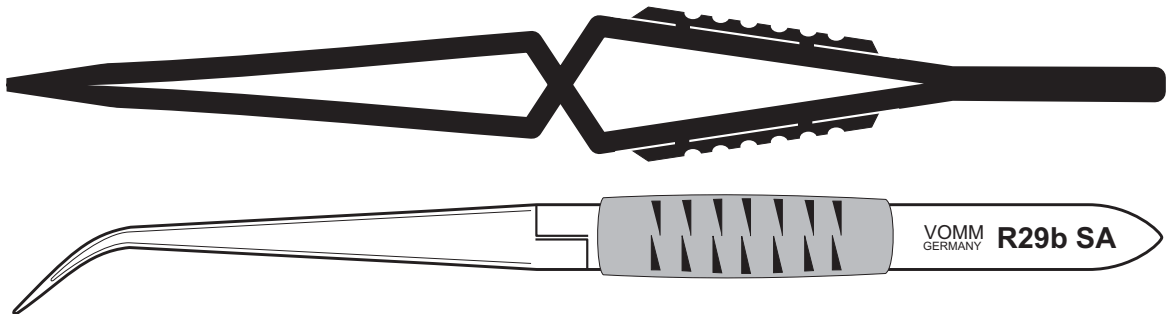
21,12

Silicone covered tips

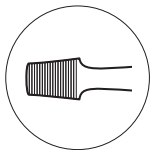
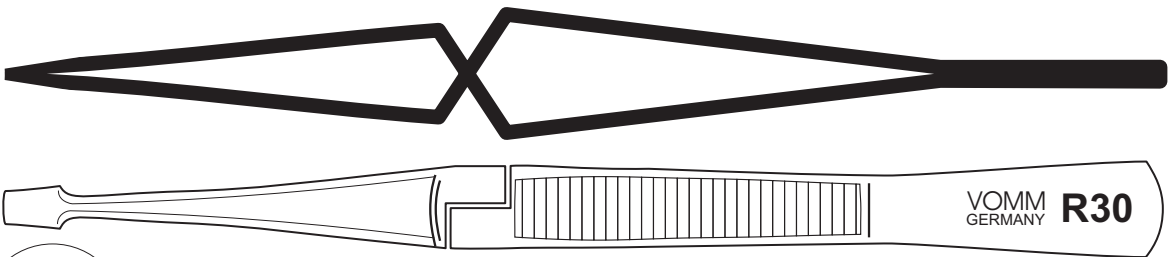
145 mm



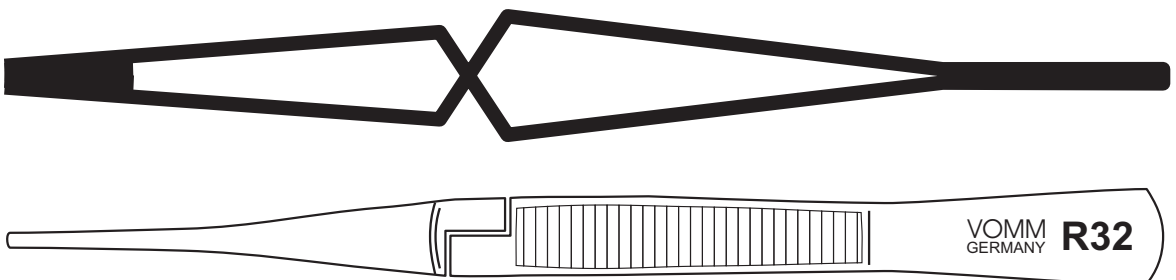
R29	3272	14,04	vernickelt	<i>nickel-plated</i>	160 mm
R29 SA	3270	16,54	Rostfrei, antimagnetisch	<i>stainless, antimagnetic</i>	160 mm



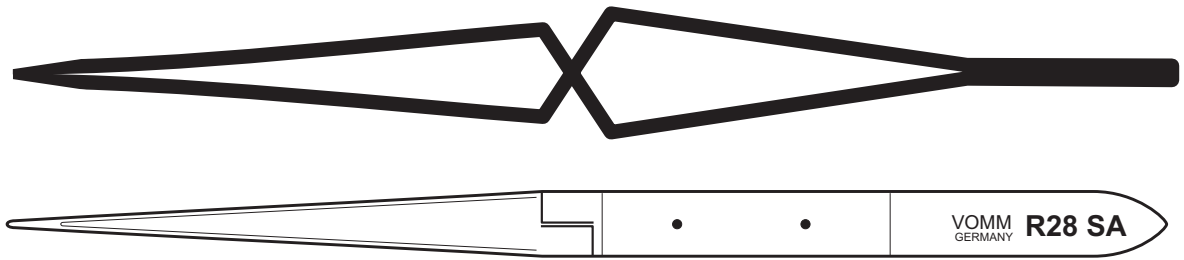
R29b	3273	15,02	vernickelt	<i>nickel-plated</i>	160 mm
R29b SA	3271	17,50	Rostfrei, antimagnetisch	<i>stainless, antimagnetic</i>	160 mm
R29b SA-T	3276	27,94	Wie R29b SA jedoch ganz Teflon beschichtet	<i>Same as R29b SA, but coated with Teflon</i>	160 mm



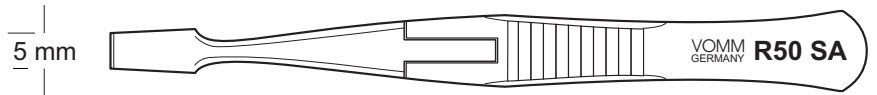
R30	8075	13,46	vernickelt, Spitze fein gezahnt	<i>nickel-plated, with fine serration</i>	160 mm
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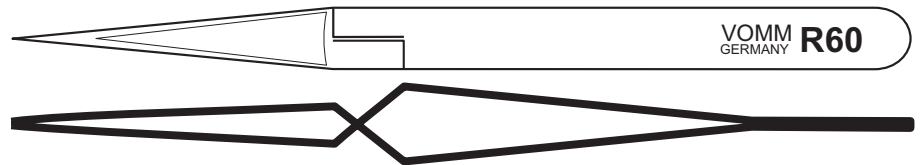
R32	3275	20,94	Wärmeableit-Kreuzpinzette, vernickelt	<i>Heat-sinking, reversible Tweezer, nickel-plated</i>	160 mm
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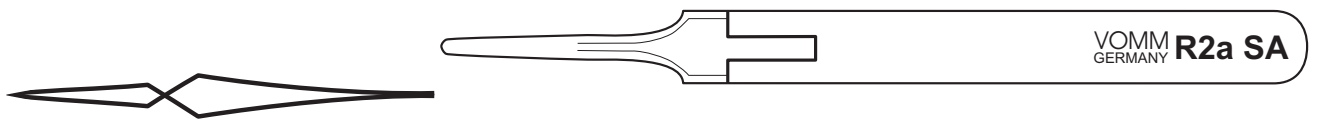
R28 SA	3274	13,14	Rostfrei, antimagnetisch <i>stainless, antimagnetic</i>	Preisgünstige Ausführung <i>Low-cost, nickel-plated</i>	160 mm
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R50 SA	8050	20,58	Deckglaspinzette	<i>Cover-Glass Tweezer</i>	105 mm
R50b SA	8051	22,84	Dto., gebogen	<i>same, bent</i>	105 mm



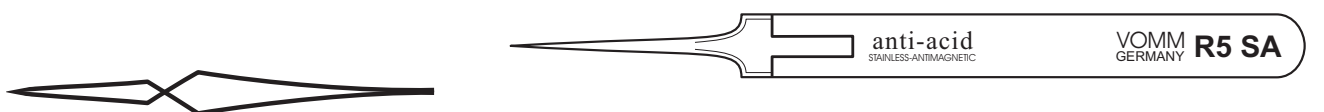
R60	8060	13,82	vernickelt, selbstklemmend	<i>Nickel-plated, reversible function</i>	120 mm
R61	8061	15,22	Wie R60, jedoch länger	<i>Same as R60, but longer</i>	160 mm



R2a SA	5802	18,84	Wie 2a SA, jedoch als durchgesteckte Kreuzpinzette	<i>Same as 2a SA, but self-locking and box-joint</i>	115 mm
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R3 SA	5803	18,84	Wie 3 SA, jedoch als durchgesteckte Kreuzpinzette	<i>Same as 3 SA, but self-locking and box-joint</i>	115 mm
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R5 SA	5805	18,84	Wie 5 SA, jedoch als durchgesteckte Kreuzpinzette	<i>Same as 5 SA, but self-locking and box-joint</i>	105 mm
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R7a SA

5807

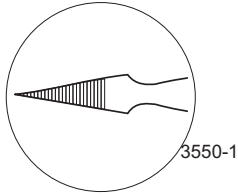
22,66

Wie 7a SA, jedoch als durchgesteckte Kreuzpinzette

Same as 7a SA, but self-locking and box-joint

115 mm

auch einzeln erhältlich, siehe B.-Nr. und Einzelpreis

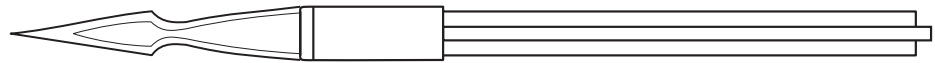


Spitzen aus 3550-2

KERAMIK

Ceramic Tips

3550-3

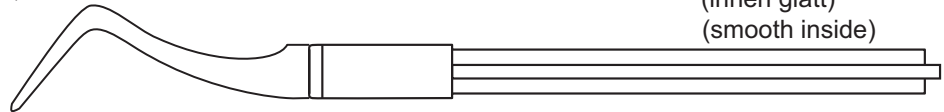


128,72



135,42

(innen glatt)
(smooth inside)



153,50

CERAMset

3550

341,42

Satz von 3 versch. Keramikpinzetten mit Kunststoffgriff

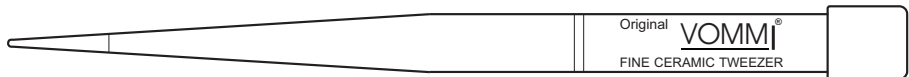
Set of 3 different Ceramic Tweezers with handles made of Polyacetal

130 mm

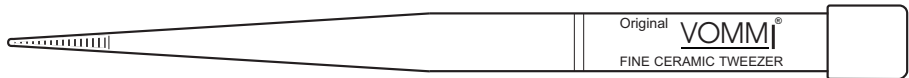
Massive

KERAMIK

Solid Ceramic



Original **VOMM!**
FINE CERAMIC TWEEZER



Original **VOMM!**
FINE CERAMIC TWEEZER

AA CER

8502

93,18

Spitze 1 mm breit, glatt

Tips 1 mm width, smooth

125 mm

PSF CER

8501

93,18

Wie AA CER, jedoch gezahnt

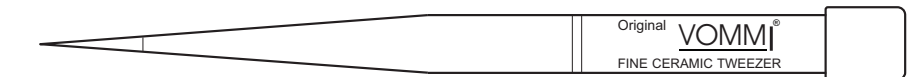
Same as AA CER, but serrated

125 mm

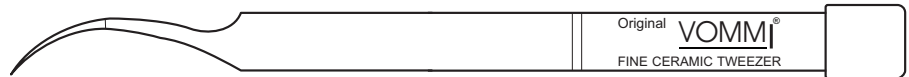
Massive

KERAMIK

Solid Ceramic



Original **VOMM!**
FINE CERAMIC TWEEZER



Original **VOMM!**
FINE CERAMIC TWEEZER

3 CER

8503

109,56

sehr spitz, glatt

very pointed, smooth

120 mm

7a CER

8507

117,74

Spitz, gebogen

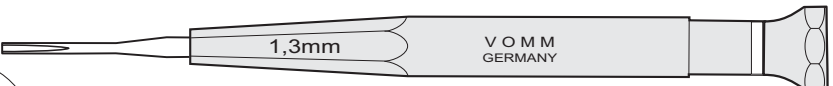
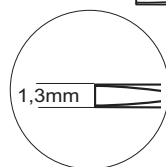
Pointed, bent

125 mm

Klingen aus

KERAMIK

Ceramic Blades



Antistatisch-schwarz

Antistatic-black

TRIM 09

6409-A

25,36

0.9 x 0.4 x 30 mm

110 mm

TRIM 13

6413-A

25,36

1.3 x 0.4 x 30 mm

110 mm

TRIM 18

6418-A

25,36

1.8 x 0.4 x 30 mm

110 mm

TRIM 30

6430-A

25,36

3.0 x 0.4 x 30 mm

110 mm

TRIM 0

6401-A

31,08

Philips 0

110 mm

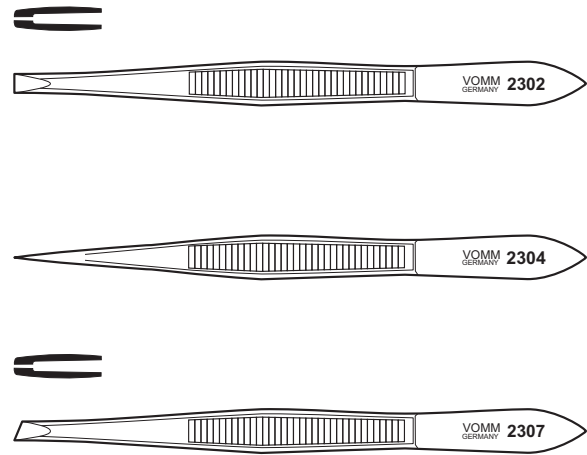
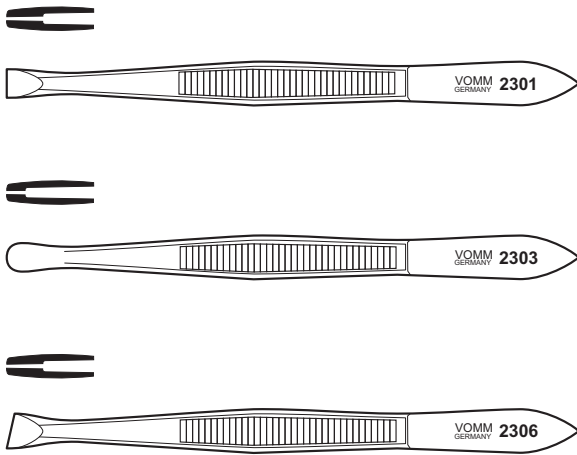
TRIM 1

6402-A

31,08

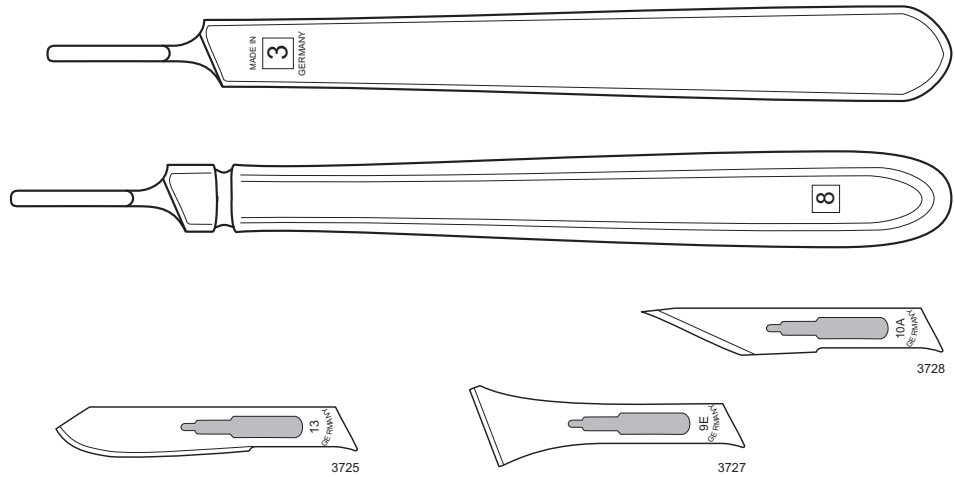
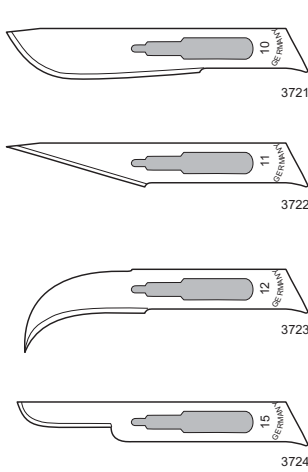
Philips 0 special

110 mm



2301	10,04	Rostfreier Stahl
2302	10,04	dito
2303	10,04	dito
2304	10,04	dito
2306	10,04	dito
2307	10,04	dito

<i>Stainless Steel</i>	2301	80 mm
<i>same</i>	2302	80 mm
<i>same</i>	2303	80 mm
<i>same</i>	2304	80 mm
<i>same</i>	2306	80 mm
<i>same</i>	2307	80 mm

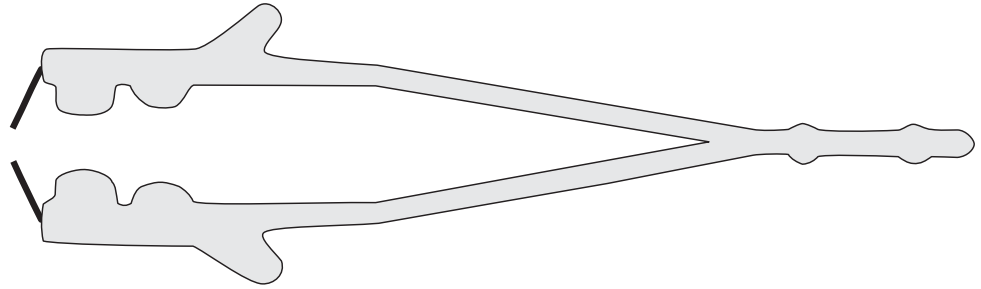


3	3730	8,14
8	3719	39,52
	3721-3728	1,00

Standard-Skalpellgriff, verchromt
 Hohlheft-Skalpellgriff
 Skalpellklingen (Preis/Stück)

Scalpel-Handle, chrome-plated
Hollow Scalpel-Handle
Scalpel-Blades (price/piece)

Klingen 5950 **5,80** Paar von Ø 0,2mm bis Ø 1,2mm *Blades - Pair - from Ø 0,2mm up to Ø 1,2mm*



Lackabkratzer für isolierte Drähte
Wire-Scraper

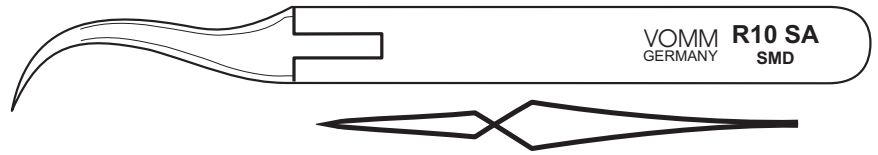
WS2 6000 **24,00**

130 mm



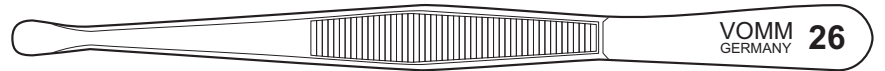
6610 **32,70**

R10 SA-SMD



Für SMD-Chips, durchgesteckt und selbstklemmend
For SMT-Chips, reversible-function and box-joint

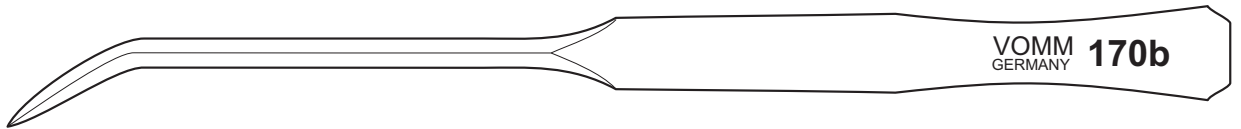
117 mm



26 3350 **7,54**

Runde, dünne Spitzen
Round and flat tips

120 mm



170 3280 **13,64**

vernickelt, gerade

Nickel-plated, straight

170 mm

170b 3281 **14,42**

Dto., gebogen

same, but bent

170 mm



80 9551 **5,04**

Blechpinzette, vernickelt

Low-Cost, nickel-plated

120 mm

81 9552 **5,80**

Wie 80, nur länger

Same as 80, but longer

140 mm

82 9553 **6,40**

Wie 80, nur länger

Same as 80, but longer

160 mm



80L 9366 **9,64**

Mit Feststellschieber, vernickelt

With Slide-Lock, nickel-plated

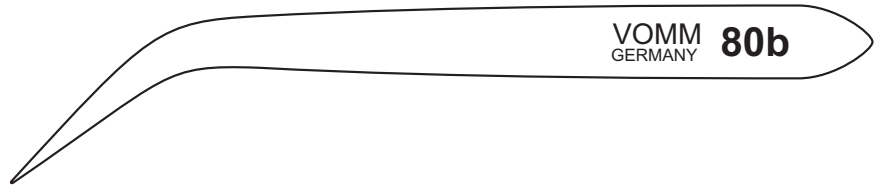
120 mm

82L 9367 **11,16**

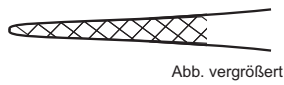
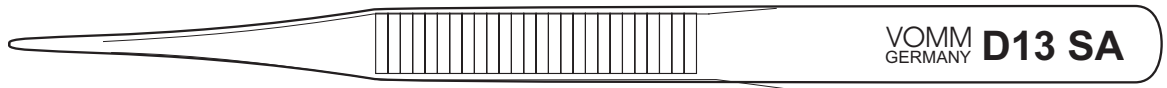
Wie 80L, nur länger

Same as 80L, but longer

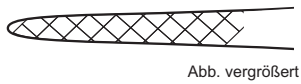
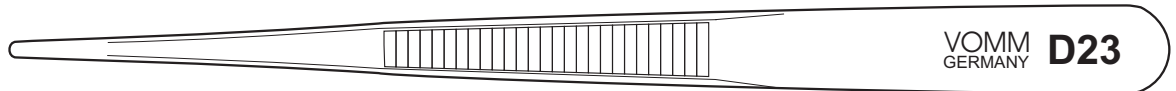
160 mm



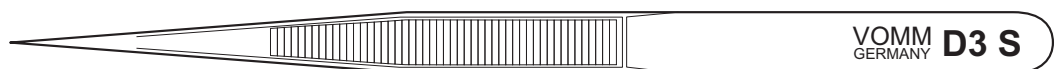
80b	8000	6,40	Vernickelt	<i>Nickel-plated</i>	120 mm
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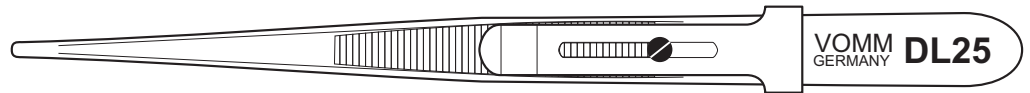
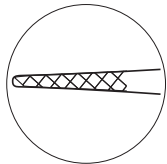
D11	9710	9,64	Vernickelt	<i>Nickel-plated</i>	120 mm
D12	9712	10,56	Vernickelt	<i>Nickel-plated</i>	140 mm
D13	9714	13,06	Vernickelt	<i>Nickel-plated</i>	160 mm
D11 S	9711	11,94	Wie D11, jedoch rostfrei	<i>Same as D11, but Stainless</i>	120 mm
D12 S	9713	13,46	Wie D12, jedoch rostfrei	<i>Same as D12, but Stainless</i>	140 mm
D13 S	9716	14,04	Wie D13, jedoch rostfrei	<i>Same as D13, but Stainless</i>	160 mm
D13 SA	9709	15,02	Wie D13 S, jedoch antimagnetisch	<i>Same as D13 S, but antimagnetic</i>	160 mm



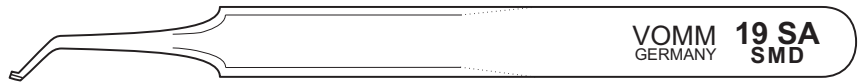
D21	9717	9,64	Vernickelt	<i>Nickel-plated</i>	120 mm
D22	9719	10,56	Vernickelt	<i>Nickel-plated</i>	140 mm
D23	9721	13,30	Vernickelt	<i>Nickel-plated</i>	160 mm
D21 S	9718	11,76	Wie D21, jedoch rostfrei	<i>Same as D21, but Stainless</i>	120 mm
D22 S	9720	13,30	Wie D22, jedoch rostfrei	<i>Same as D22, but Stainless</i>	140 mm
D23 S	9722	14,04	Wie D23, jedoch rostfrei	<i>Same as D23, but Stainless</i>	160 mm



D3	9723	11,54	Sehr spitz, vernickelt	<i>Very pointed, nickel-plated</i>	140 mm
D3 S	9724	14,24	Wie D3, jedoch rostfrei	<i>Same as D3, but Stainless</i>	140 mm



DL15	9715	25,12	Mit Feststellschieber, vernickelt	<i>With Slide-Lock, nickel-plated</i>	160 mm
DL25	9725	23,70	Wie DL15, nur kürzer	<i>Same as DL15, but shorter</i>	140 mm



19 SA-SMD	6619	18,94	Mit Einfräsung, $\varnothing 0,5\text{mm}$	<i>With milled slot, $\varnothing 0,5\text{ mm}$</i>	120 mm
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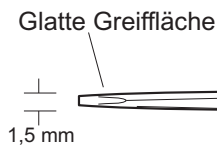
D	6500	16,34	Schneidepinzette	<i>Cutting-Tweezer</i>	95 mm
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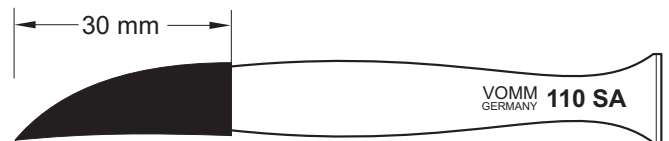
Glatte Greiffläche



11	8600	13,46	Vernickelt	<i>Nickel-plated</i>	115 mm
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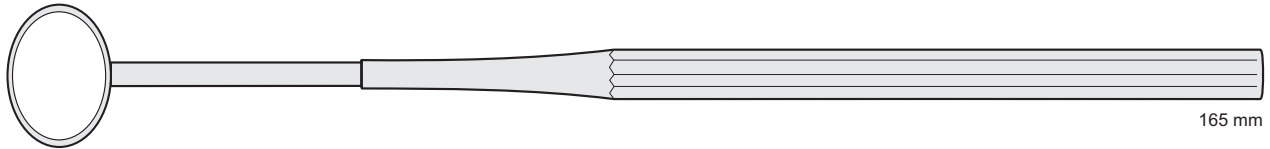
11L	8610	22,10	Mit Feststellschieber, vernickelt	<i>With slide-lock, nickel-plated</i>	145 mm
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110 SA	9210	19,62	Wägepinzette, Spitze aus Kunststoff	<i>Weight Tweezer, Plastic Tips</i>	95 mm
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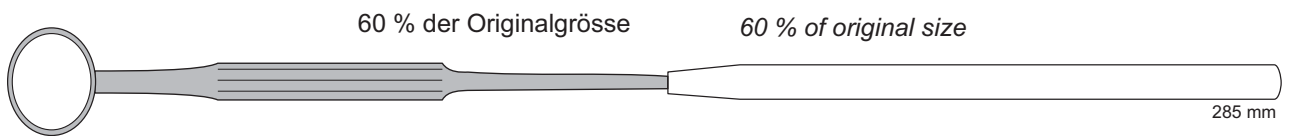


0450 **13,30** Kunststoffgriff, Spiegel \varnothing 14 mm *Plastic handle, mirror \varnothing 14 mm* 165 mm



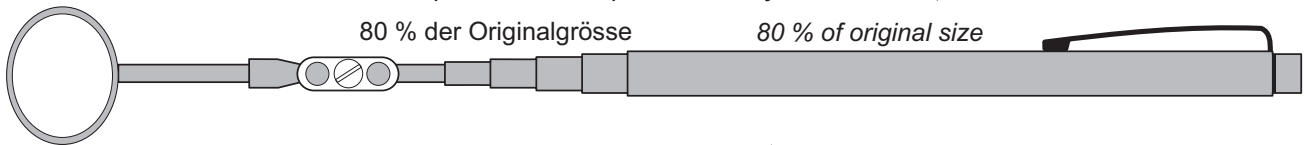
0455 **18,56** Rostfreier Griff, Spiegel \varnothing 20 mm *Stainless Steel handle, mirror \varnothing 20 mm*

0456 **10,94** Griff Vernickelt, Spiegel Rostfrei \varnothing 20 mm
Nickel-plated handle, Stainless steel mirror \varnothing 20 mm



0460 **15,02** Kunststoff, 2-teiliger Griff, Spiegel \varnothing 18 mm *Plastic, handle consists of 2 parts, mirror \varnothing 18 mm*

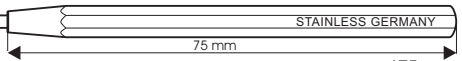
0466 **67,34** Vernickelt, Teleskopgriff, Spiegel \varnothing 18 mm und verstellbar
Nickel-plated, telescope-handle, adjustable mirror \varnothing 18 mm



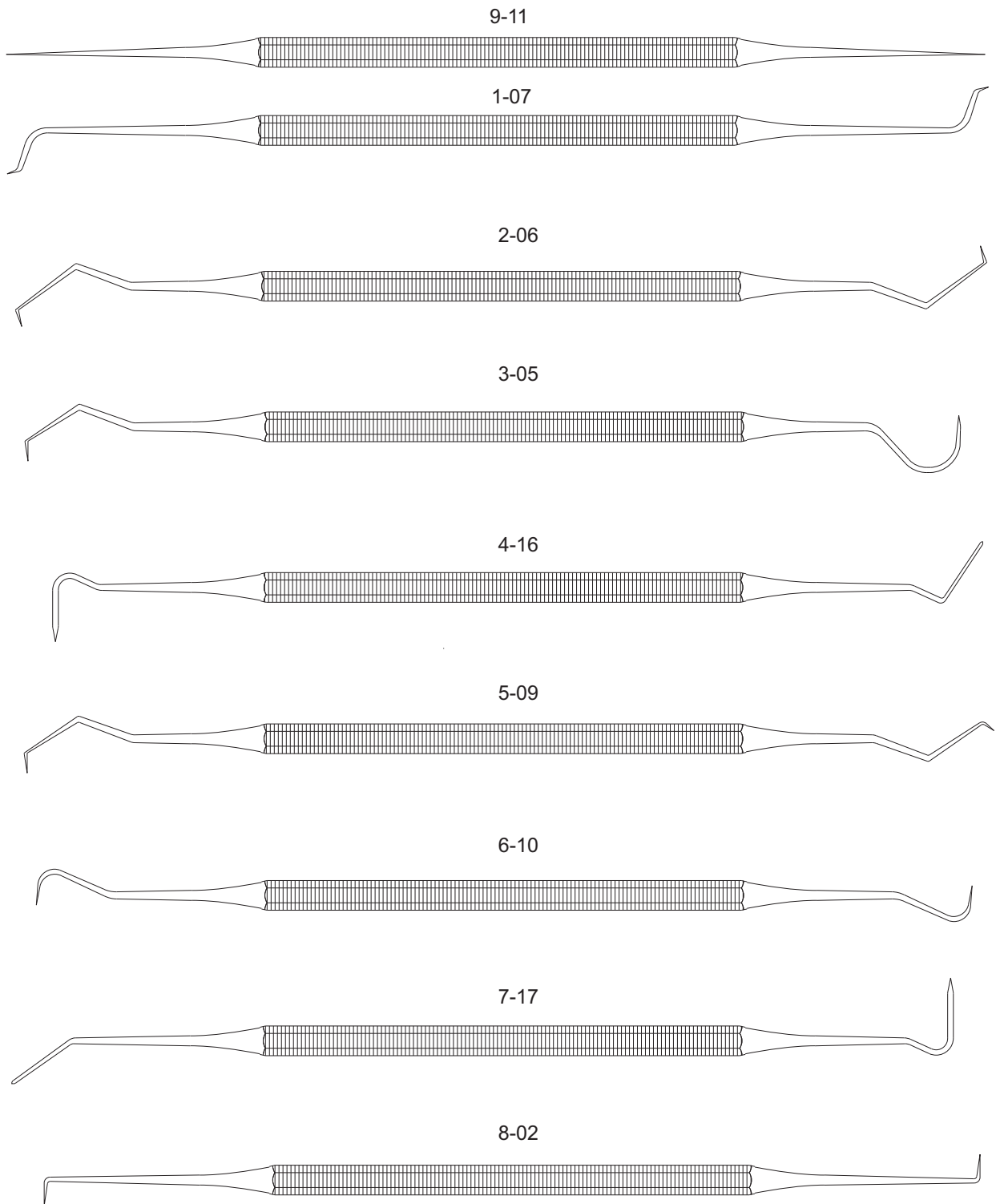
0468 **87,10** Vernickelt, Teleskopgriff, Spiegel \varnothing 60 mm und verstellbar
Nickel-plated, telescope-handle, adjustable mirror \varnothing 60 mm 10 -300 mm

Griffe können individuell bestückt werden		Handles can be equipped individually	
85 % der Originalgrösse		85 % of original size	
0410	21,20	\varnothing 10 mm	175 mm
0414	21,20	\varnothing 14 mm	180 mm
0416	21,20	\varnothing 16 mm	180 mm
0418	21,20	\varnothing 18 mm	180 mm
0420	18,02	\varnothing 20 mm	180 mm
0422	18,02	\varnothing 22 mm	180 mm
0424	18,02	\varnothing 24 mm	180 mm
0426	18,02	\varnothing 26 mm	185 mm
0428	21,20	\varnothing 28 mm	190 mm
0430	21,20	\varnothing 30 mm	190 mm

Kehlkopfspiegel Laryngoscopes
 Gesamtlängen Total Lengths

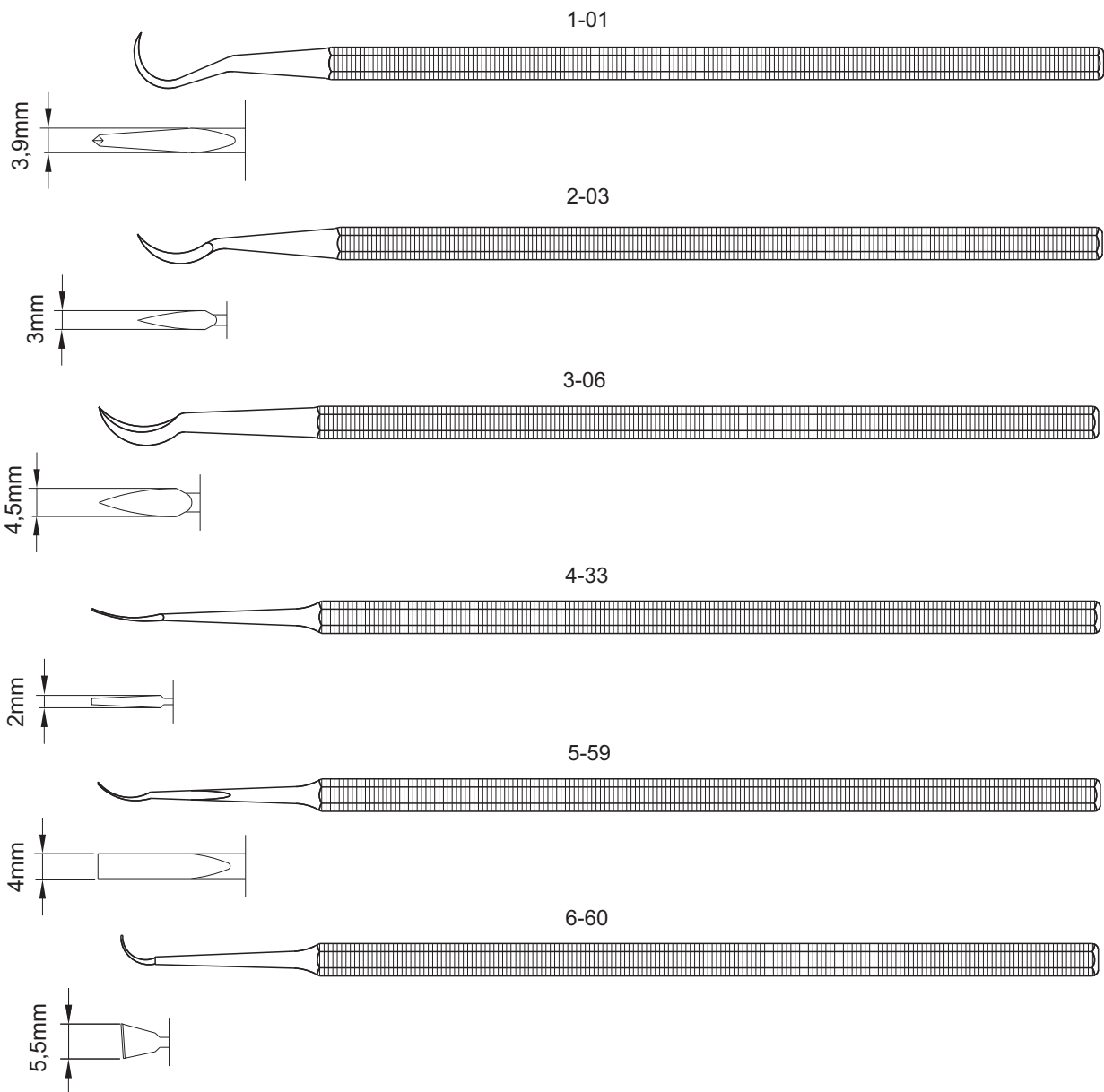


Haken, Sonden, Excavatoren, Typ Dental, aus rostfreiem Stahl gehärtet für Arbeiten auf Leiterplatten, zum Modellieren
Hooks, probes and excavators, dental type, made of stainless steel hardened for works on PCB's, modelling



	Preis/Satz:	Sonden, 9-teiliger Satz, zum Hebeln und Entfernen von Bauteilen
	Price/set:	Modelle sind auch einzeln erhältlich (Art.-Nr. 3220 + Haken-Nr.)
Art.-Nr. 3220	Preis/Stück:	Set of 9 probes, for levering and removing components
	Price/piece:	Models are also available separately (Art.-No. 3220 + hook no.)

Haken, Sonden, Excavatoren, Typ Dental, aus rostfreiem Stahl gehärtet für Arbeiten auf Leiterplatten, zum Modellieren
Hooks, probes and excavators, dental type, made of stainless steel hardened for works on PCB's, modelling



Art.-Nr. 3230

Preis/Satz:

Price/set: **140,74**

Preis/Stück:

Price/piece: **24,14**

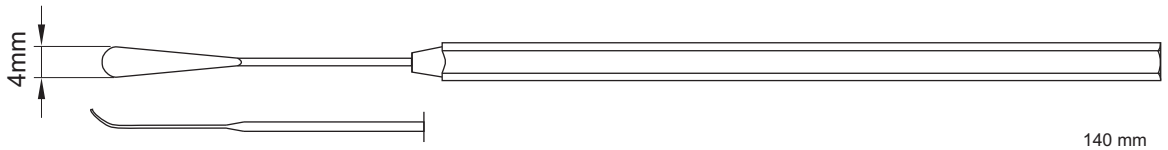
Haken, 6-teiliger Satz, scharf, für Leiterbahnen, zum Schneiden und Markieren.

Haken sind auch einzeln erhältlich (Art.-Nr. 3230 + Haken-Nr.)

Set of 6 hooks, sharp, for printed conductors, for cutting and marking

Models are also available separately (Art.-No. 3230 + hook no.)

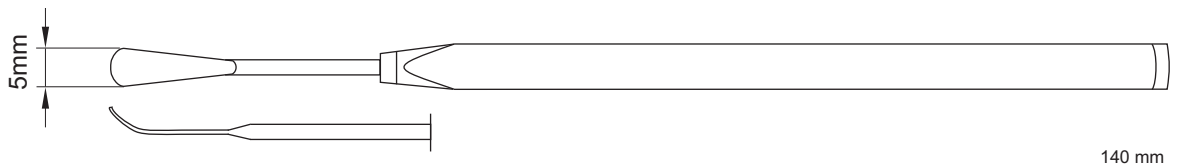
Mikrospatel



3240

13,30

Mikrospatel aus Chrom/Nickel-Edelstahl, löffelförmig, 4mm breit
Micro-spatula of Chrome/Nickel-Steel, spoon-shaped, 4mm wide



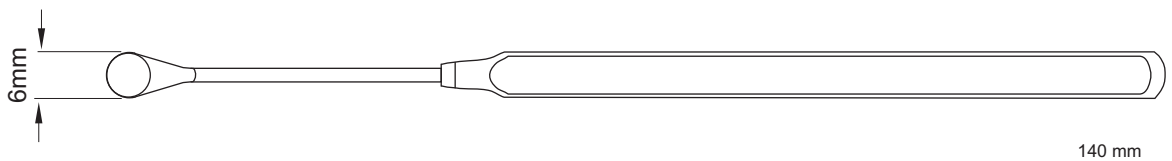
3241

13,30

Mikrospatel aus Chrom/Nickel-Edelstahl, löffelförmig, 5mm breit
Micro-spatula of Chrome/Nickel-Steel, spoon-shaped, 5mm wide

Sonderausführungen:
 universal verwendbare Teile

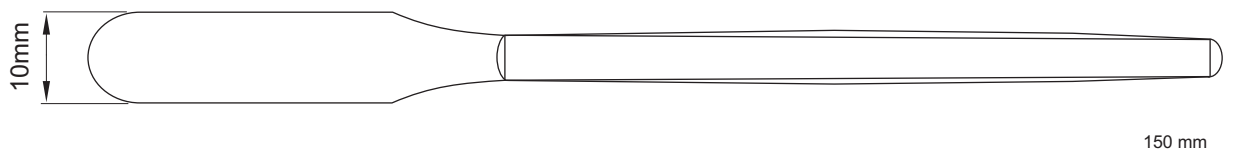
Special models:
 multi-purpose versatility



3245

16,04

Mikrolöffelchen aus Chrom/Nickel-Edelstahl, 5mm breit
Micro-spoon of Chrome/Nickel-Steel, 5mm wide



3254

16,04

Spatel aus Chrom/Nickel-Edelstahl, 10mm breit
Spatula of Chrome/Nickel-Steel, 10mm wide



3221

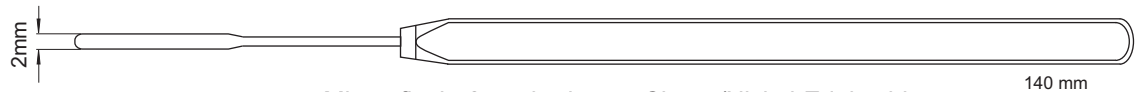
15,54

Löthaken aus Chrom/Nickel-Edelstahl, für Kabel und Drähte
Soldering hook of Chrome/Nickel-Steel for cables and wires

165 mm

Spezial: Microspatel

sehr leichte Ausführung/ präzise arbeitend

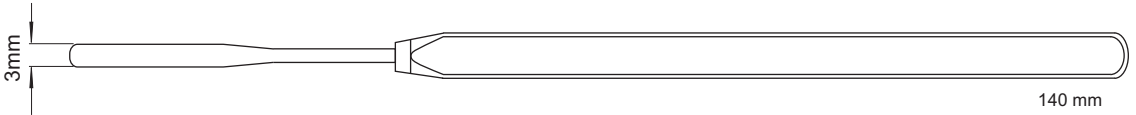


3250

15,54

Micro, flach, 2mm breit, aus Chrom/Nickel-Edelstahl

Micro, flat, 2mm wide, of Chrome/Nickel-Steel

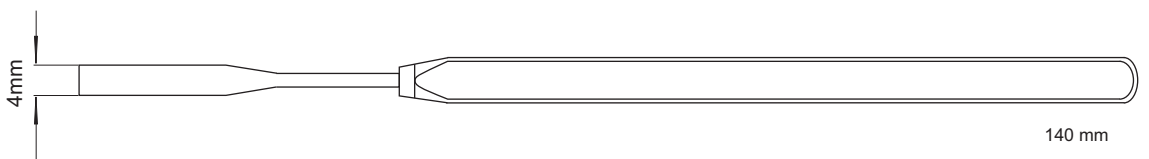


3251

15,54

Micro, flach, 3mm breit, aus Chrom/Nickel-Edelstahl

Micro, flat, 3mm wide, of Chrome/Nickel-Steel

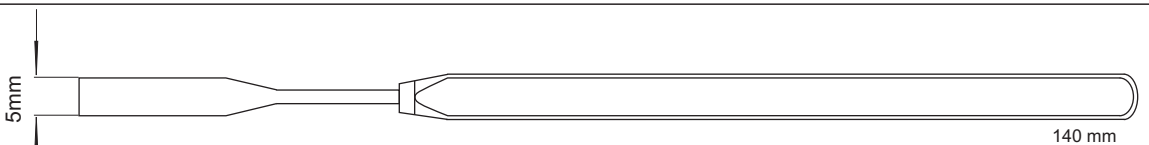


3252

15,54

Micro, flach, 4mm breit, aus Chrom/Nickel-Edelstahl

Micro, flat, 4mm wide, of Chrome/Nickel-Steel



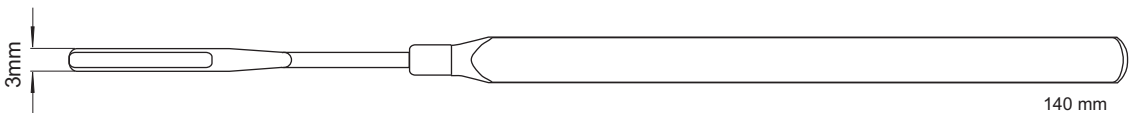
3253

15,54

Micro, flach, 5mm breit, aus Chrom/Nickel-Edelstahl

Micro, flat, 5mm wide, of Chrome/Nickel-Steel

Pulverspatel winklige Ausführung, längs hohlgeformt

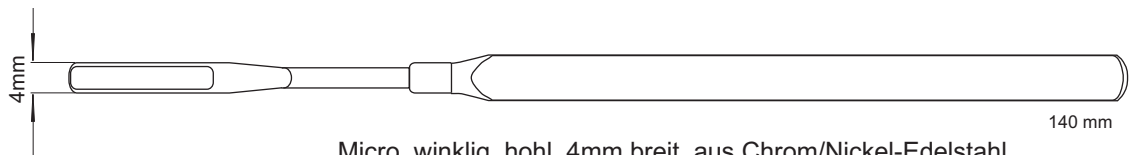


3260

17,00

Micro, winklig, hohl, 3mm breit, aus Chrom/Nickel-Edelstahl

Micro, twisty, concave, 3mm wide, of Chrome/Nickel-Steel

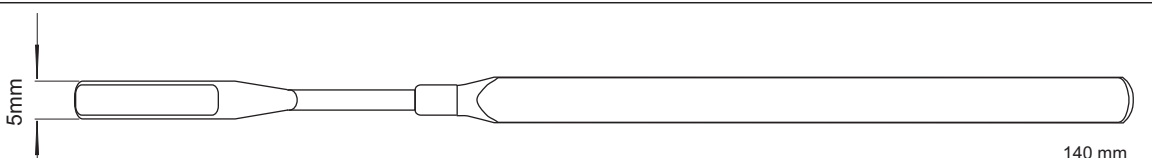


3261

17,00

Micro, winklig, hohl, 4mm breit, aus Chrom/Nickel-Edelstahl

Micro, twisty, concave, 4mm wide, of Chrome/Nickel-Steel



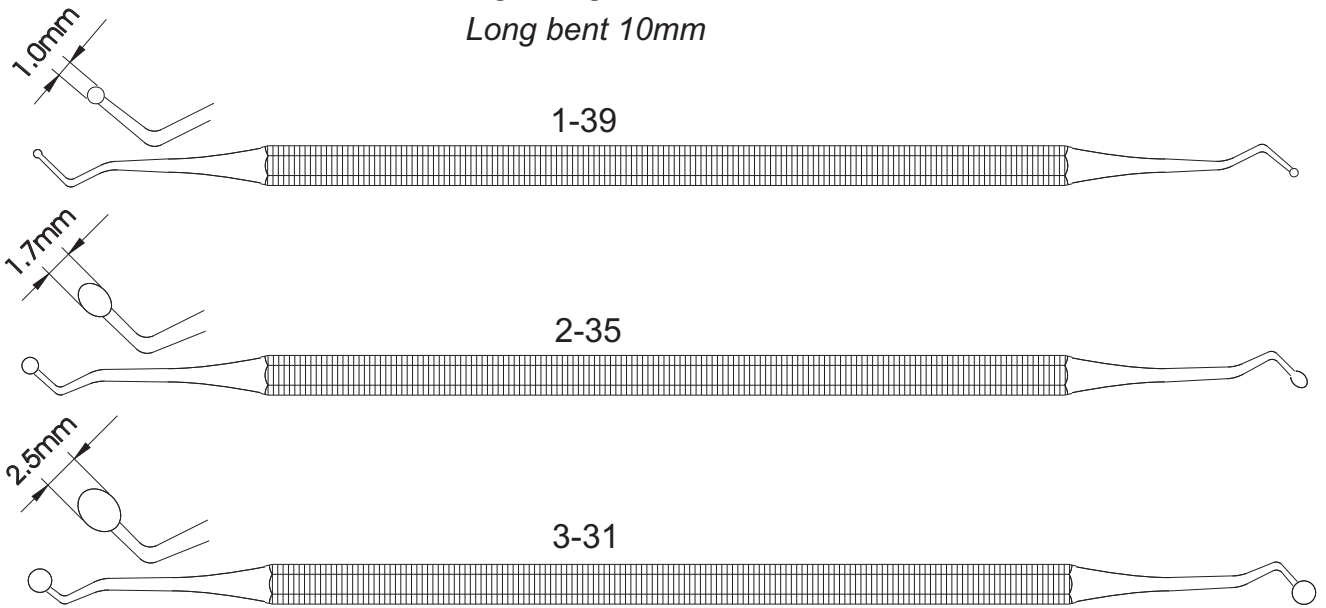
3262

17,00

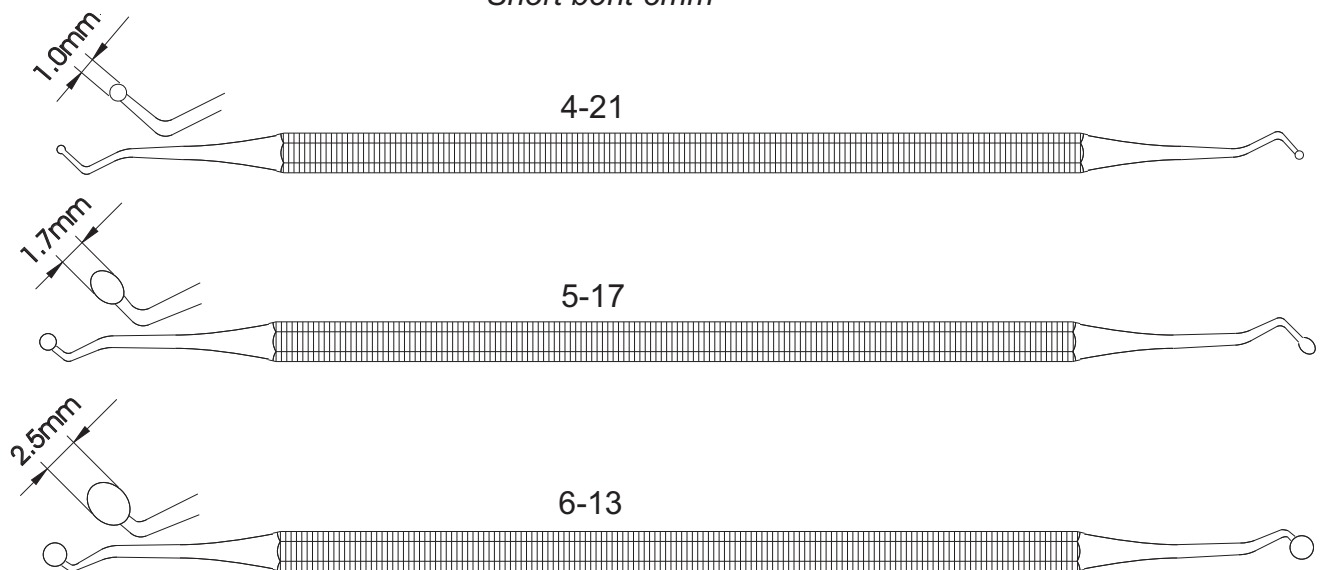
Micro, winklig, hohl, 5mm breit, aus Chrom/Nickel-Edelstahl

Micro, twisty, concave, 5mm wide, of Chrome/Nickel-Steel

Langer Bogen 10mm
Long bent 10mm



Kurzer Bogen 8mm
Short bent 8mm



3225

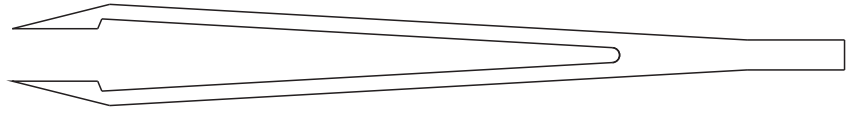
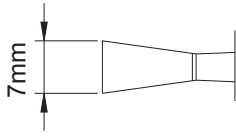
Preis/Satz
Price/Set **139,24**

Excavatoren, aus rostfreiem Stahl gehärtet, 6-teiliger Satz, als Mini-Spatel verwendbar
Modelle sind auch einzeln erhältlich (Art.-Nr. + Spiegel-Nr.)

Preis/Stk.
Price/Piece **24,72**

Set of 6 excavators, of stainless steel hardened, can be used as mini-spatulas
Models are also available separately (Art.-No. + mirror-No.)

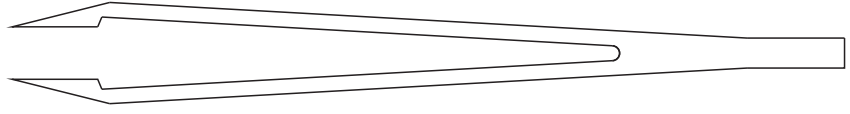
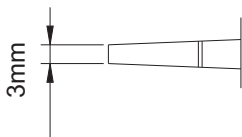
Nichtmetallische Handwerkzeuge



110mm
4 1/2 inch

03 5300 **8,86**

Dünne, 7mm breite Spitze, Delrin, glasfaserverstärkt
7mm wide, thin points, glass-filled Delrin



110mm
4 1/2 inch

100 5322 **6,88**

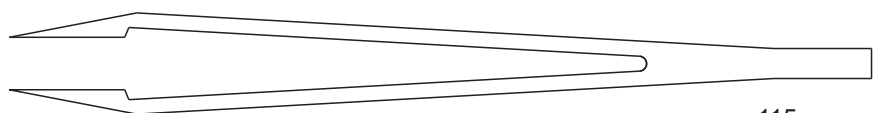
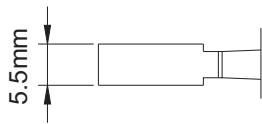
Dünne, flach-breite Spitze, 3mm breit, Delrin, glasfaserverstärkt
Thin tips, 3mm wide, glass-filled Delrin

100-AS 5323 **9,20**

Dito, jedoch aus leitfähiger CARBON-Faser
Same, but made of conductive Carbon Fibre

100-1 5324 **8,42**

Dito, jedoch aus linearem Polyethylen, säurefest
Same, but made of linear polyethylene, acid-resistant



115mm
4 1/2 inch

04 5336 **8,06**

Dünne Spitze, 5,5mm breit, Delrin, glasfaserverstärkt
Flat points, 5,5mm wide, glass-filled Delrin

05 5338 **8,04**

7,5mm breit/wide

06 5302 **8,04**

9mm breit/wide

07 5304 **8,42**

12mm breit/wide



04-1 5337 **8,42**

Dito, jedoch aus säurebeständigem Polyethylen
Same, but made of acid-resistant Polyethylene

05-1 5339 **8,86**

7,5mm breit/wide

06-1 5303 **8,86**

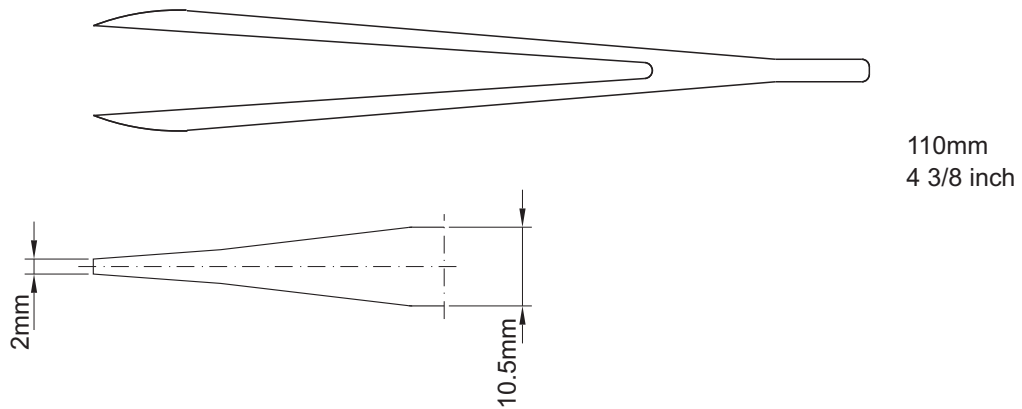
9mm breit/wide

07-1 5305 **9,20**

12mm breit/wide

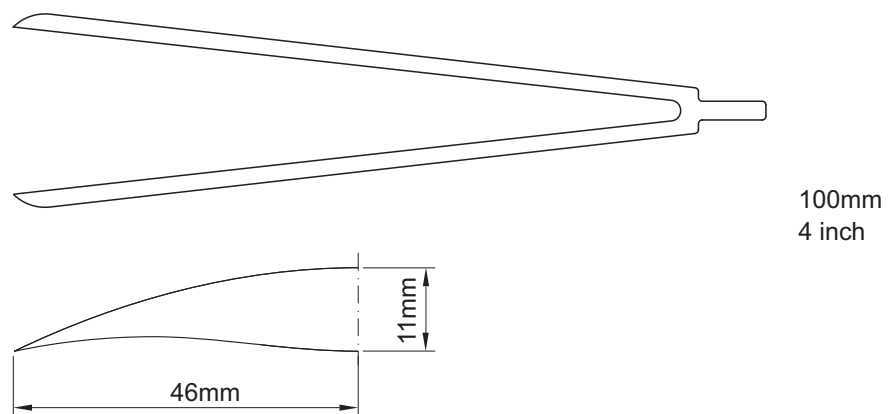


Nichtmetallische Handwerkzeuge



110mm
4 3/8 inch

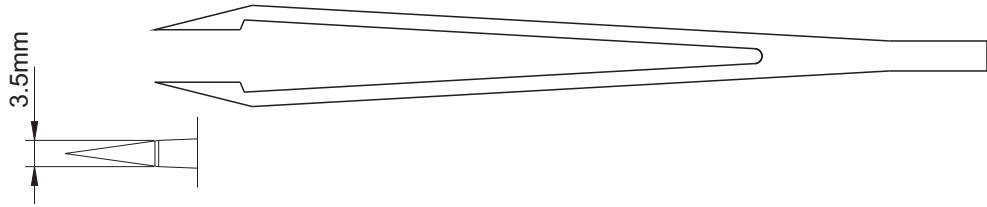
1A	5315	17,18	Starke Spitze, 3mm breit, CTFE, säurebeständig, 200°C <i>Strong points, 3mm wide, CTFE, acid-resistant, 200°C</i>
1A-1	5314	17,52	dito, jedoch mit Riefelung an den Innenspitzen <i>same, but with serrated points</i>



100mm
4 inch

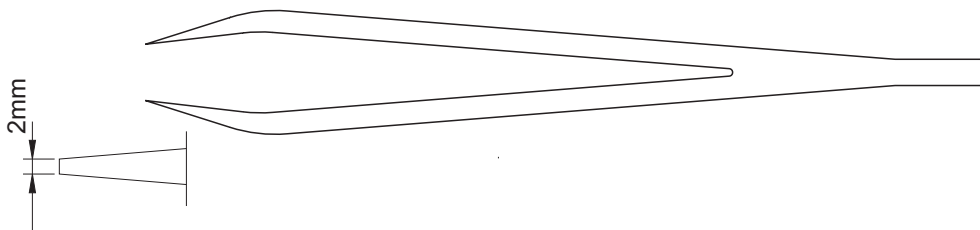
500	5328	8,42	Wägepinzette aus glasfaserverstärktem Delrin, sehr spitz <i>Weight Tweezer made of glass-filled Delrin, very pointed</i>
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Nichtmetallische Handwerkzeuge



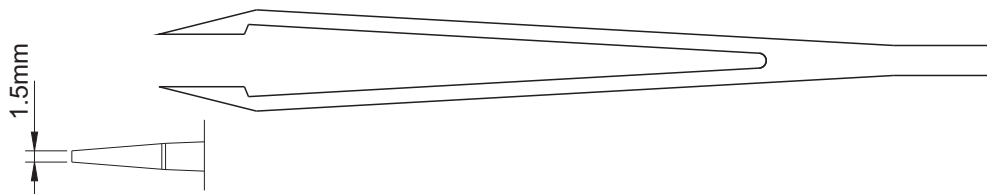
110mm
4 3/8inch

- | | | | |
|-------|------|-------------|--|
| 01 | 5310 | 7,30 | Sehr feine Spitze, Delrin, glasfaserverstärkt
<i>Special superfine points, Delrin, glass-filled</i> |
| 01-AS | 5311 | 9,20 | dito, jedoch aus leitfähiger CARBON-Faser
<i>Same, but made of conductive Carbon Fibre</i> |



110mm
4 3/8inch

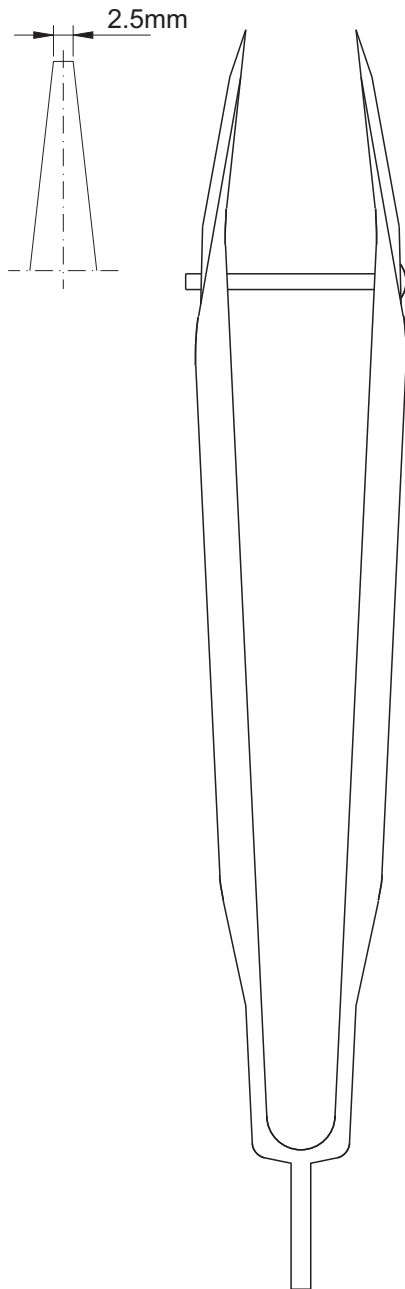
- | | | | |
|-----|------|-------------|---|
| 2aH | 5316 | 6,92 | Flache, kräftige Spitze, 3mm breit, aus weichem Delrin, grün
<i>Flat, strong points, 3mm wide, made of softer Delrin</i> |
| 3aH | 5317 | 6,92 | dito, jedoch aus Delrin, glasfaserverstärkt
<i>Same, but made of glass-filled Delrin</i> |



110mm
4 3/8inch

- | | | | |
|-------|------|-------------|--|
| 02 | 5334 | 6,92 | Dünne, 1,5mm breite Spitze, Delrin, glasfaserverstärkt
<i>Flat points, 1mm wide, Delrin, glass-filled</i> |
| 02-AS | 5335 | 9,20 | dito, jedoch aus leitfähiger CARBON-Faser
<i>Same, but made of conductive Carbon Fibre</i> |

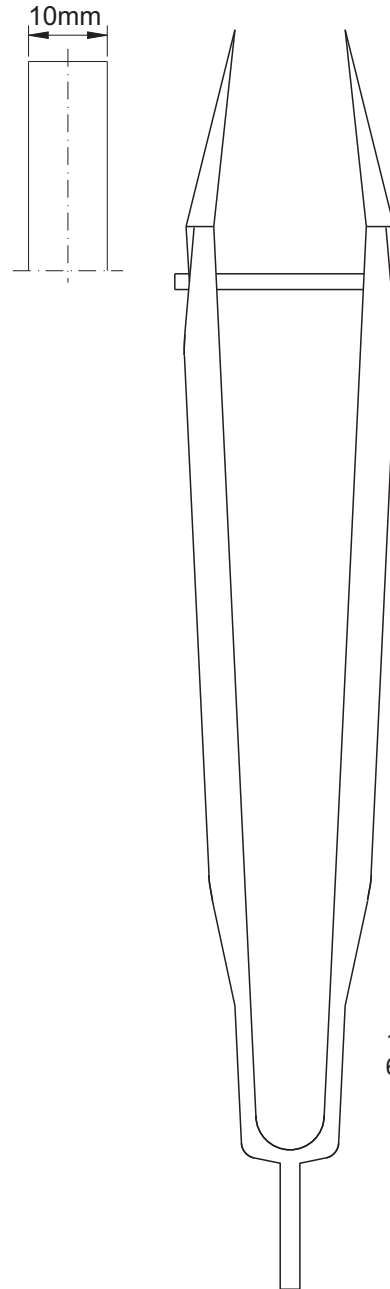
Nichtmetallische Handwerkzeuge



165mm
6 1/2inch

- 4a** 5332 **23,90**
 2,5mm breite Spitze mit Führungsstift
 CTFE, säurebeständig, hitzebeständig bis 200°C
*2,5 wide points, with guide pin,
 CTFE, acid-resistant, heat-resistant up to 200°C*

- 5a** 5330 **12,64**
 dito, jedoch aus glasfaserverstärktem
 Delrin
same, but made of glass-filled Delrin

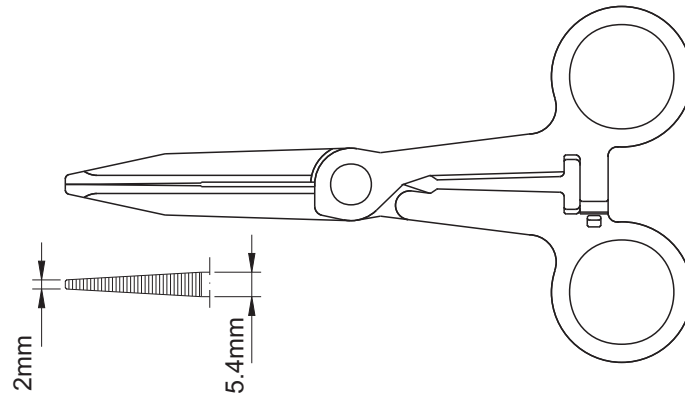


165mm
6 1/2inch

- 5a-1** 5308 **12,98**
 Flache Spitze, 10mm breit, mit Führungs-
 stift, Delrin, glasfaserverstärkt
*Flat points, 10mm wide, with guide pin,
 glass-filled Delrin*

- 5a-2** 5309 **13,38**
 dito, jedoch aus säurebeständigem
 Polyethylen
*same, but made acid resistand linear
 Polyethylene*

Nichtmetallische Handwerkzeuge

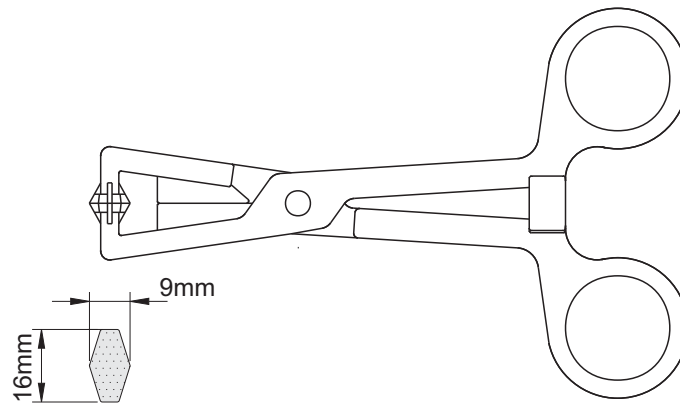


140mm
5 1/2 inch

2700

3,62

Nadelhalter aus Polyethylen, glasfaserverstärkt
Needle holder made of glass-filled Polyethylene

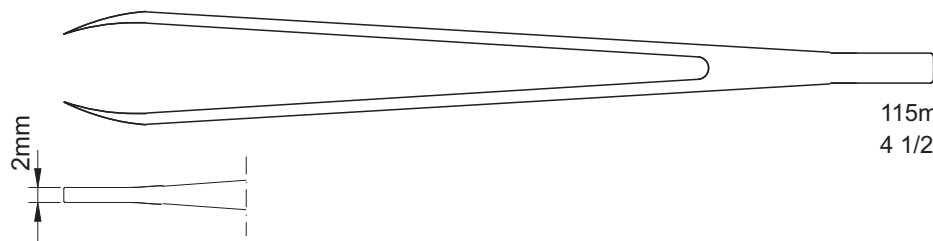


140mm
5 1/2 inch

2701

3,86

Schlauchklemme aus Polyethylen
Hose Clamping Forceps made of Polyethylene



115mm
4 1/2 inch

300

5320

6,92

Nur die vorderste Spitze fasst z.B. Wafer, Delrin glasfaserverstärkt
Only the points grip e.g. Wafers, glass-filled Delrin

300-1

5318

6,92

Dito, jedoch aus weicherem grünen Delrin
Same, but made of softer green Delrin

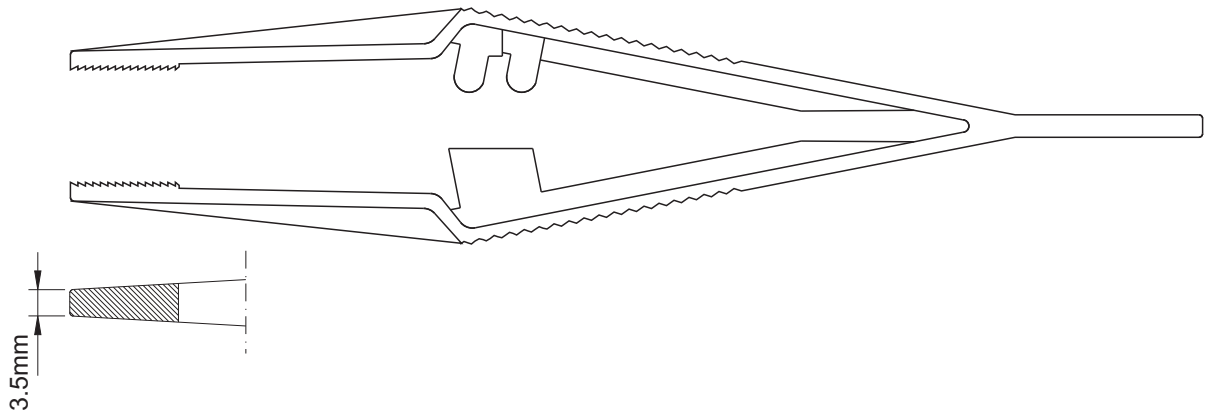
300-AS

5321

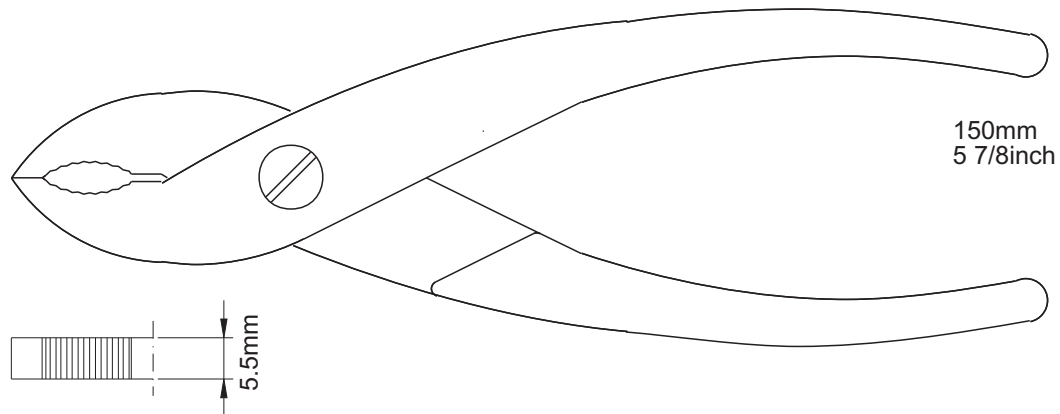
9,20

Dito, jedoch aus leitfähiger CARBON-Faser
Same, but made of conductive Carbon Fibre

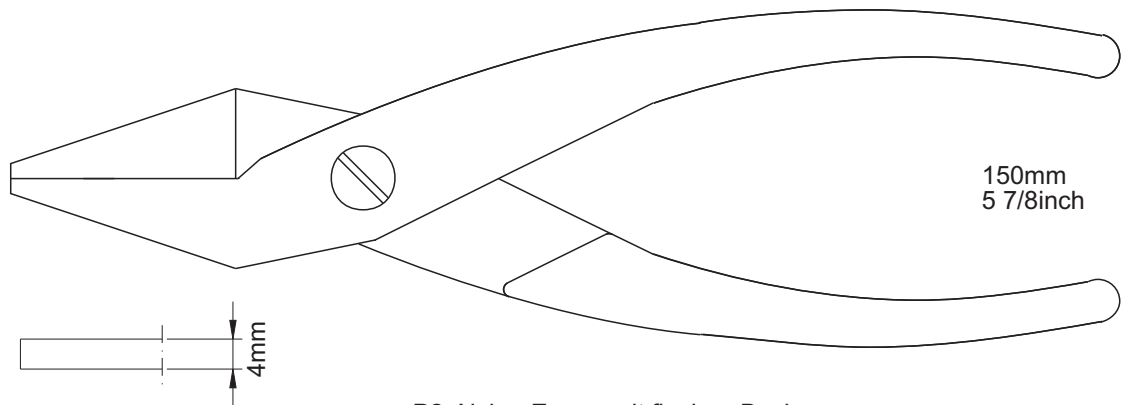
Nichtmetallische Handwerkzeuge



707-B	5102	1,40	Modell 707-B, Polyamid, glasfaserverstärkt, 85mm <i>Model 707-B, polyamide, glass-filled, 3 3/8inch</i>
766-B	5100	3,12	Modell 766-B, Polyamid, glasfaserverstärkt, 150mm <i>Model 766-B, polyamide, glass-filled, 5 7/8inch</i>
767-B	5250	1,90	Modell 767-B, Polyamid, glasfaserverstärkt, 125mm <i>Model 767-B, polyamide, glass-filled, 5inch</i>

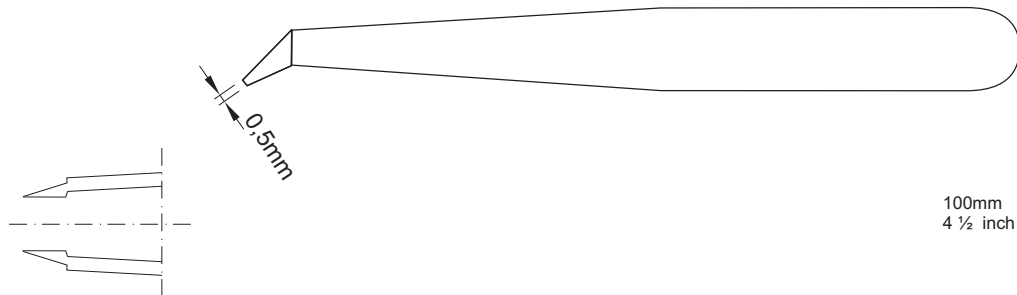


P1 2710 **15,66** P1, Kombizange aus Delrin, glasfaserverstärkt
P1, Combination plier made of glass-filled Delrin



P2 2712 **16,04** P2, Nylon-Zange mit flachen Backen
P2, Nylon plier with flat, smooth nose

Nichtmetallische Handwerkzeuge



90

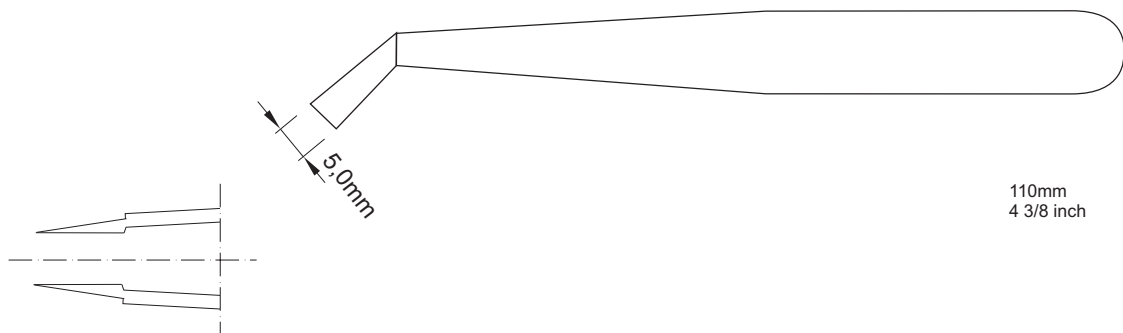
5333

8,42

Stabile, 0,5mm breite Spitze, 45° winklig gebogen,
Delrin, glasfaserverstärkt

*Strong, 0,5mm wide tips, 45° curved,
Delrin, glass-filled*

100mm
4 ½ inch



09

5331

8,42

Stabile, 5mm breite Spitze, 45° winklig gebogen,
Delrin, glasfaserverstärkt

*Strong, 5mm wide tips, 45° curved,
Delrin, glass-filled*

110mm
4 3/8 inch

Nichtmetallische Handwerkzeuge



14-PTFE

5214

86,10

Aus massivem PTFE-Stab gefertigt
 4mm breite Spitze
 Hitzebeständig bis 280 °C
 Made of solid PTFE in 1 piece
 4mm wide tips
 Heat-resistant up to 280 °C

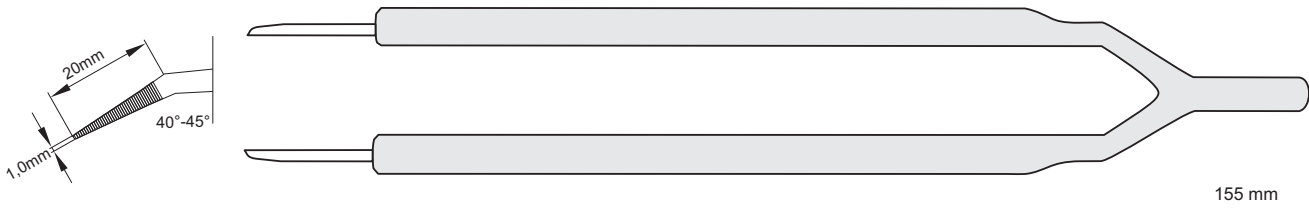


24-PTFE

5224

86,10

Dito, jedoch 10mm breite Spitze
 Hitzebeständig bis 280 °C
 Same, but 10mm wide tips
 Heat-resistant up to 280 °C

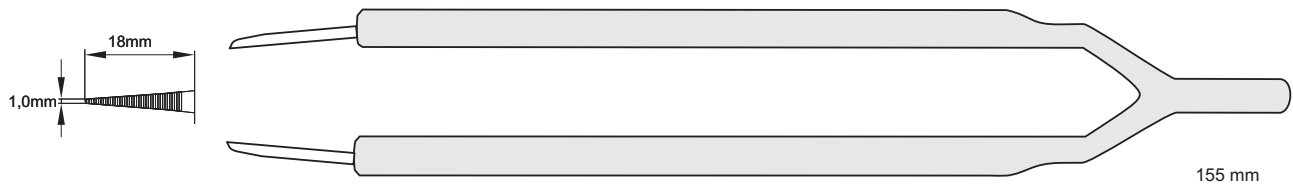


22b isol.

9157

11,54

Gebogen, mittelfeine Spitze, schutzisoliert
Bent, medium pointed, security-insulation

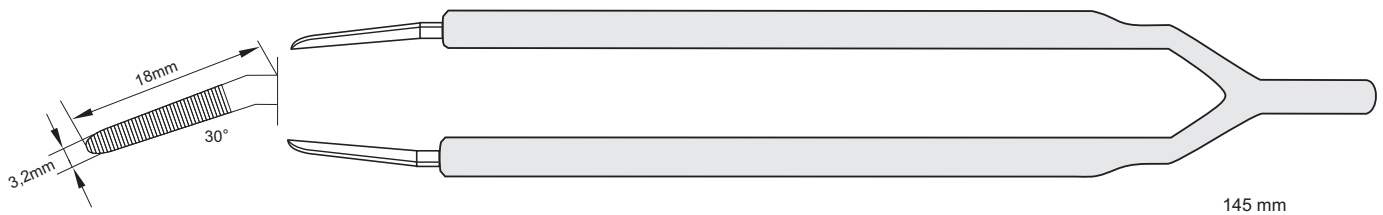


22 isol.

9158

10,96

Gerade, mittelfeine Spitze, schutzisoliert
Straight, medium pointed, security-insulation

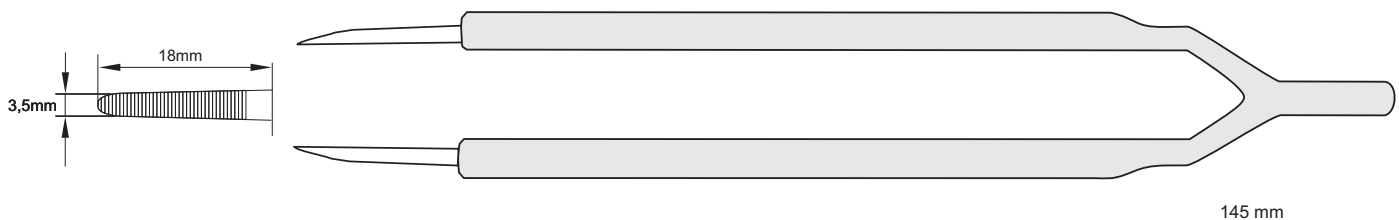


40b isol.

3016

10,82

Stumpf, gebogen, mittelfeine Spitze, schutzisoliert
Blunt, curved, medium pointed, security-insulation

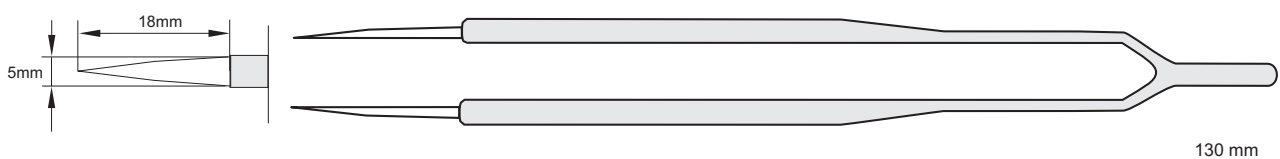


40 isol.

3015

10,04

Stumpf, gerade, mittelfeine Spitze, schutzisoliert
Blunt, straight, medium pointed, security-insulation



AA isol.

8100

11,94

Spitz, universelles Modell, schutzisoliert
Pointed, multipurpose model, security-insulation



C5

115mm

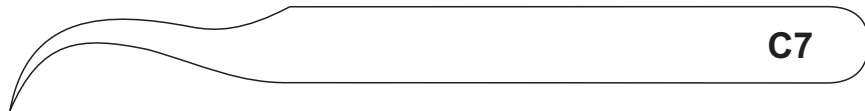
C5

8305

44,86

Schneidepinzette für sehr feine Drähte, Form 5

Cutting Tweezer for very fine wires, Design 5



C7

120mm

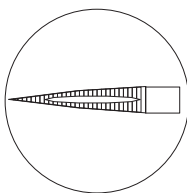
C7

8307

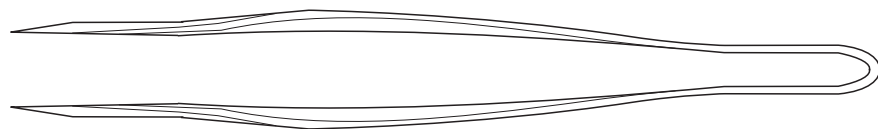
49,08

Schneidepinzette für sehr feine Drähte, Form 7

Cutting Tweezer for very fine wires, Design 7



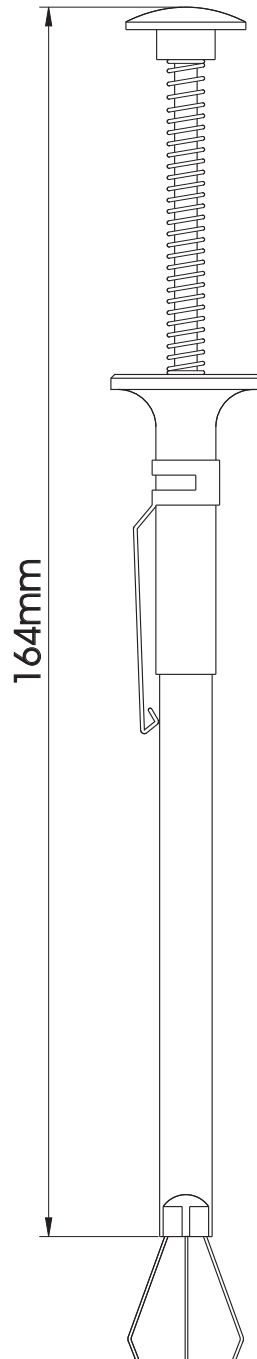
120mm



Feilchenfeldpinzette

Einteilig	7108	16,16	Feilchenfeldpinzette, hohle Grifffläche, mit Blutrinne in der Spitze
Einteilig	7109	20,14	Wie 7108, jedoch Rostfrei Same as 7108 but Stainless

Technicians helps



0761 **23,06**

Krallengreifer mit Clip, Taschenversion
Grösster \varnothing am Schaft 7,5mm
ideal zum Ablöten

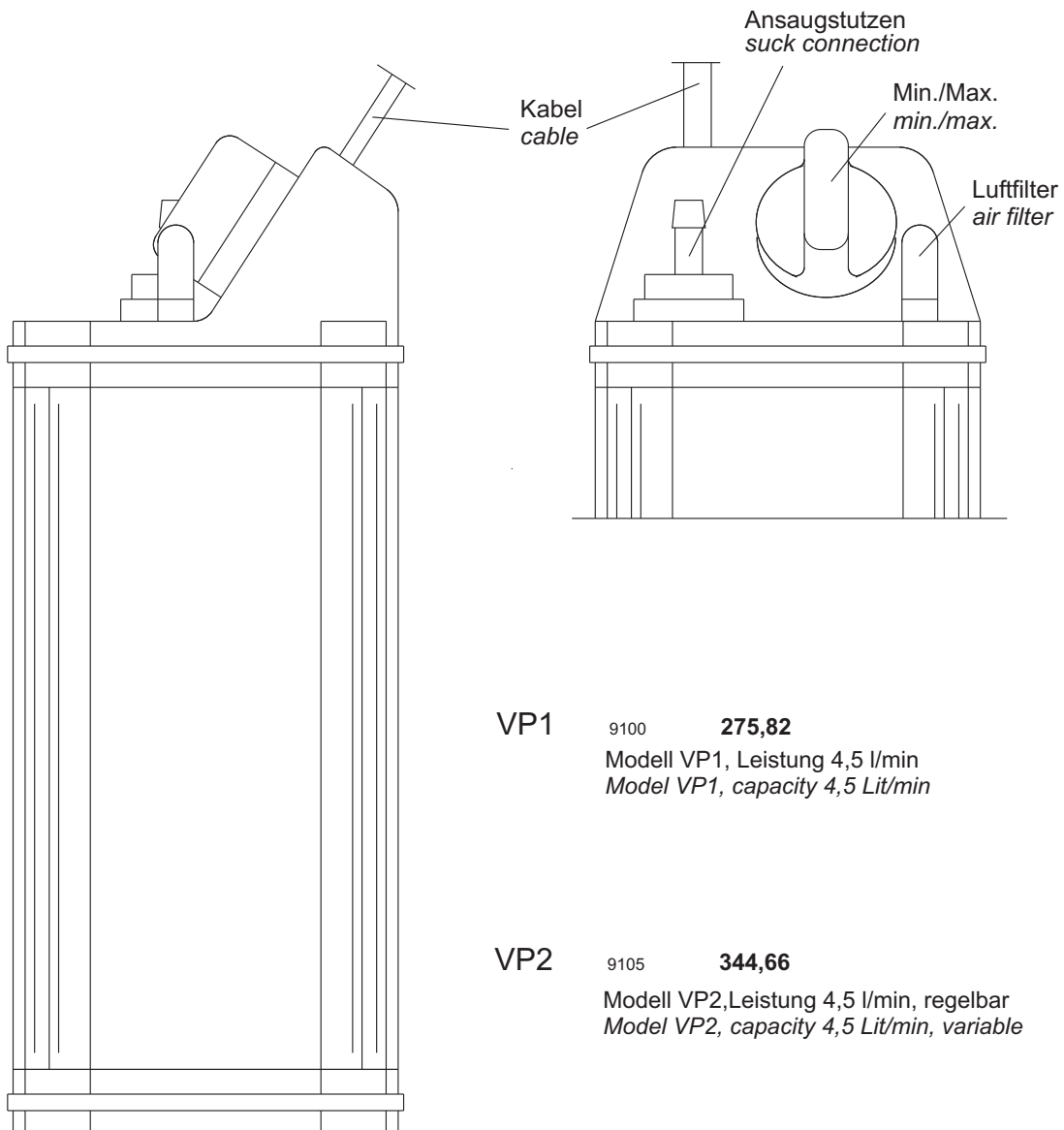
*Gripper with Clip, pocket version,
max. Shank \varnothing 7,5mm
ideal for de-soldering*

Vakuum-Pinzetten

Vacuum-tweezers

Alle Vakuumpumpen mit Netzanschluss 220 Volt, andere Spannungen auf Anfrage lieferbar.
Auslieferung incl. Netzkabel, Stecker, Schalter sowie Schalldämpfer und Filter.
Gehäuse aus Aluminium, schwingungsgedämpft, mit Gummifüßen,
wahlweise mit zusätzlichem Blasanschluss.

*All vacuum pumps for 220V main power, other voltages available upon request.
Supplied with main cable, plug switch as well as silencer and filter.
Aluminium housing with rubber feet to absorb vibrations.
Additional blowing connection available as option.*



VP1 9100 **275,82**
Modell VP1, Leistung 4,5 l/min
Model VP1, capacity 4,5 Lit/min

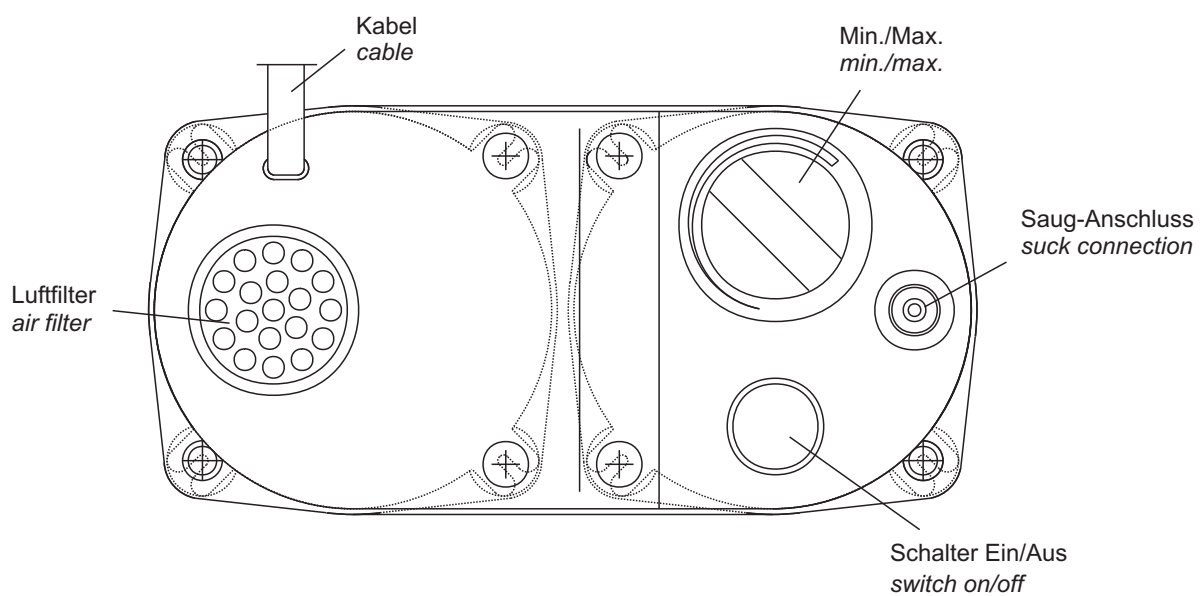
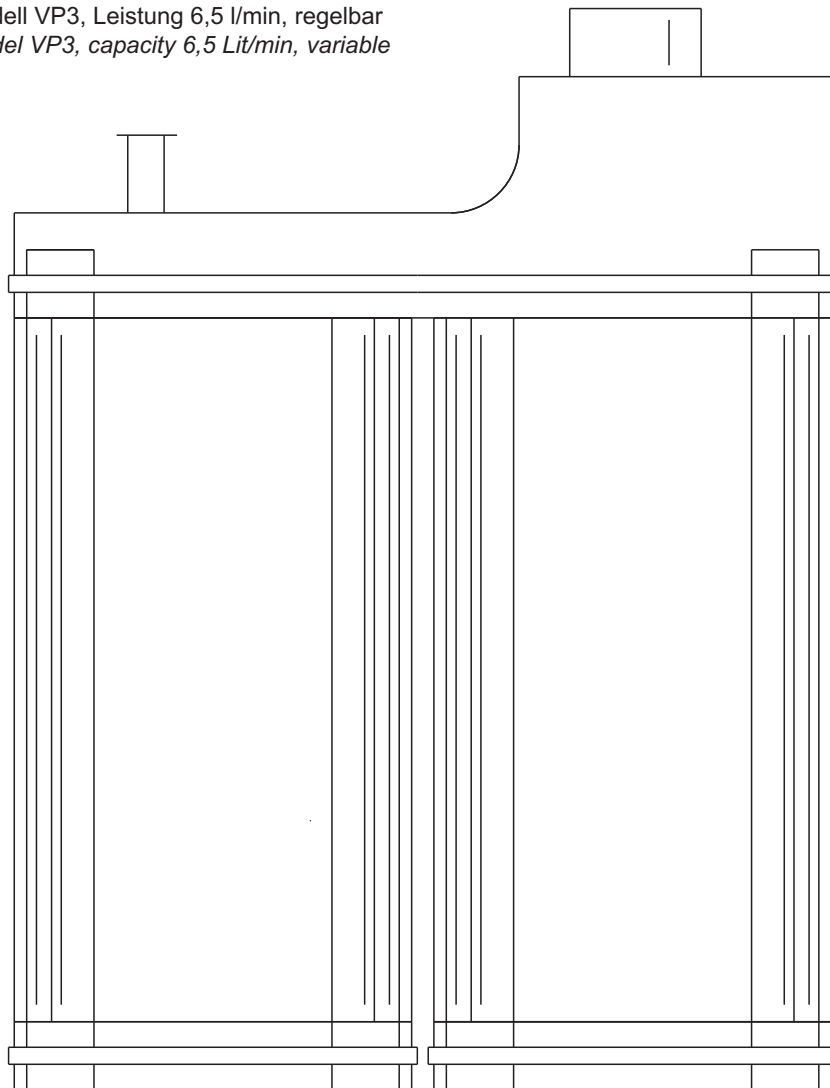
VP2 9105 **344,66**
Modell VP2, Leistung 4,5 l/min, regelbar
Model VP2, capacity 4,5 Lit/min, variable

Vakuum-Pinzetten

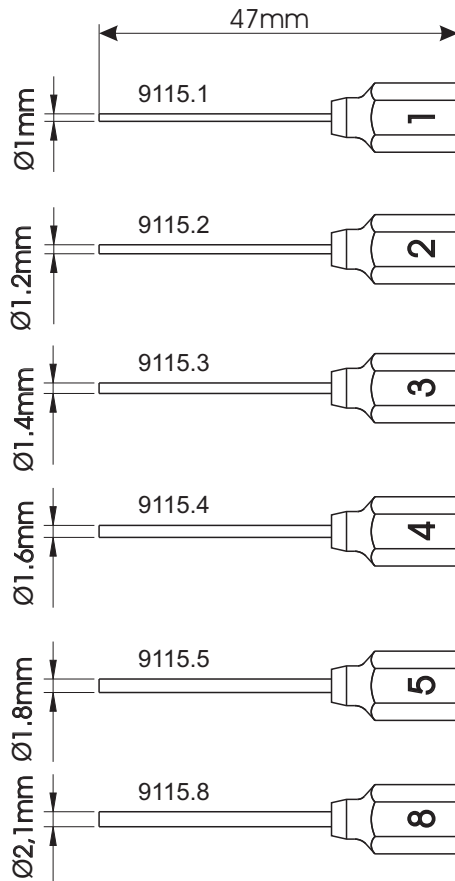
Vacuum-tweezers

VP3 9110 **643,44**

Modell VP3, Leistung 6,5 l/min, regelbar
Model VP3, capacity 6,5 Lit/min, variable



Preis/Stück: **17,98**
Price/piece:



9116.1

Preis/Stück: **24,54**
Price/piece:

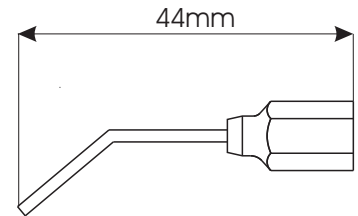
9116.2

9116.3

9116.4

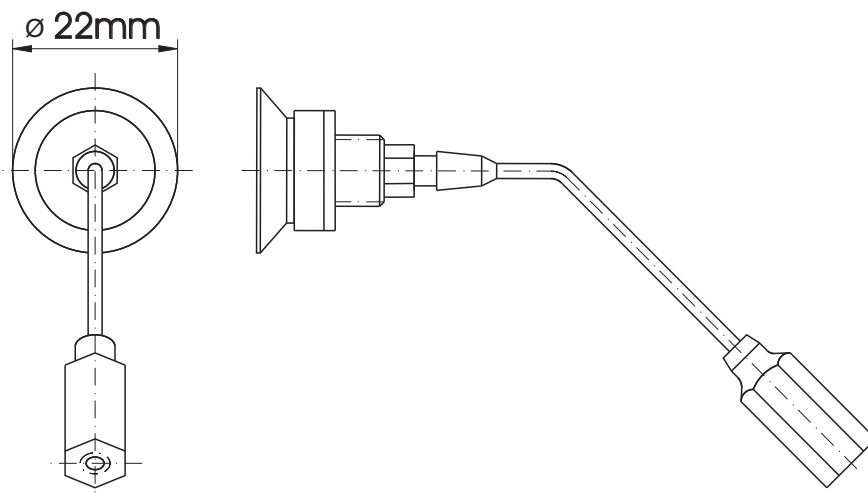
9116.5

9116.8



Preis/Satz:
Price/set: **104,46** Saugnadel-Sortiment, nichtrostend. Grössen: 1,0-1,2-1,4-1,6-1,8-2,1mm
Suction needle assortment, stainless. Sizes: 1,0-1,2-1,4-1,6-1,8-2,1mm

Preis/Satz:
Price/set: **142,74** Wie oben, jedoch 40° winklig gebogen
Same as 9115 but bent at 40°

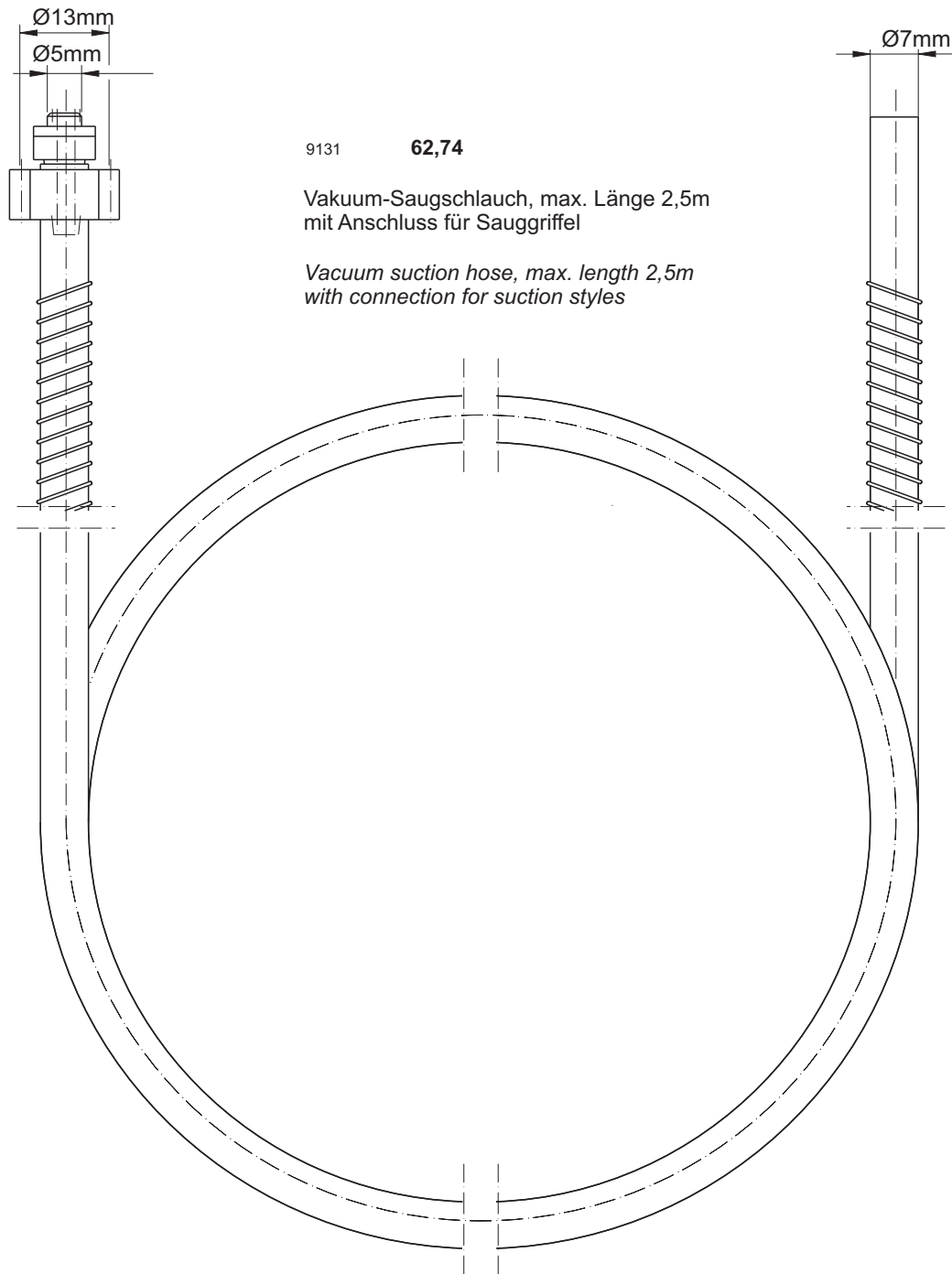


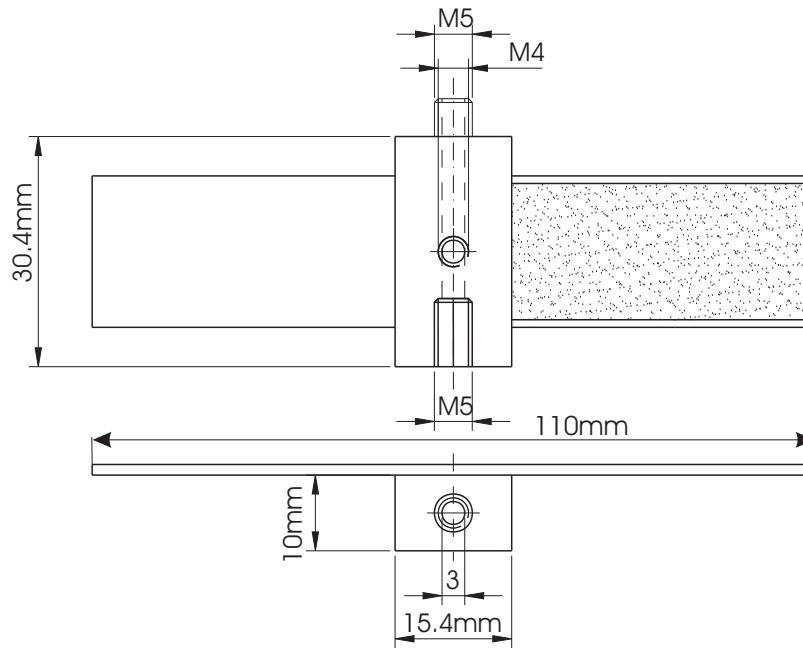
9121 **116,08** Spezialsaugvorrichtung, speziell zum seitlichen Fassen grösserer Teile
hohe Saugkraft, 22mm

Special suction device, specifically for lateral grasping of large parts
high suction capacity, 22mm

VOMM-Vakuumpinzetten werden überall dort eingesetzt, wo die normalen Pinzetten nicht mehr schonend genug sind. Typische Anwendungsbereiche: Waferhandling, Montage kleiner optischer Systeme Handling von Solarzellen, Montage von Chips oder auch SMD-Bestückung.
Für besondere Anforderungen beschichten wir die mit den Artikeln in Berührung kommenden Teile auf Wunsch mit Teflon oder Halar (kontaminationsfrei).

*VOMM vacuum tweezers can be used wherever normal tweezers are not gentle enough.
Typical applications: wafer handling, assembly of small optical systems, handling of solar cells, chip assembly and fittings SMD's.
On request, we can coat the parts coming into contact with the articles, with Teflon or Halar (no contamination) for special applications.*

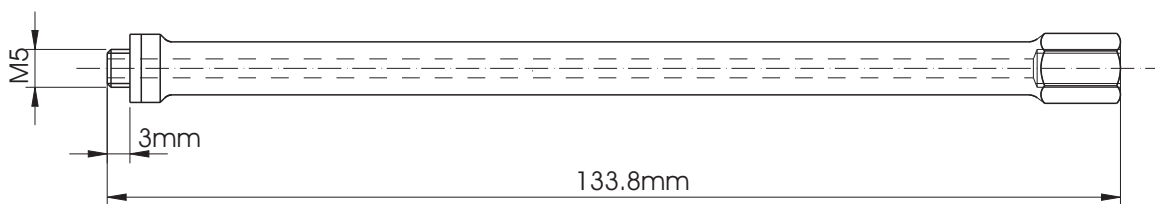




9130 **137,74**

Finger-Sauggriffel, mit Klettband am Finger zu befestigen und durch den Daumen zu steuern, wiegt nur 15g

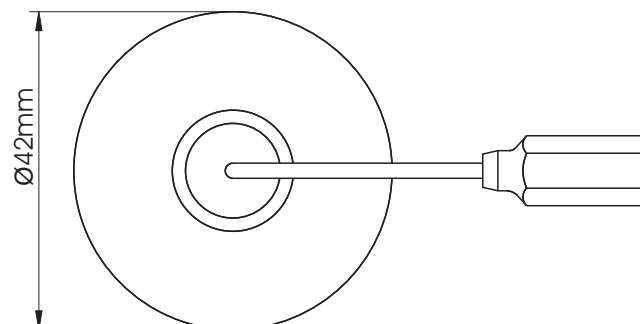
Finger-mounted suction styles, secured on finger by Velcro fastener, thumb-controlled, weighs only 15g



9125 **78,00**

Hand-Sauggriffel mit Bypass-Öffnung zum Steuern des Vakuums, wiegt nur 20g

Hand-held suction styles with bypass aperture for controlling the vacuum, weighs only 20g

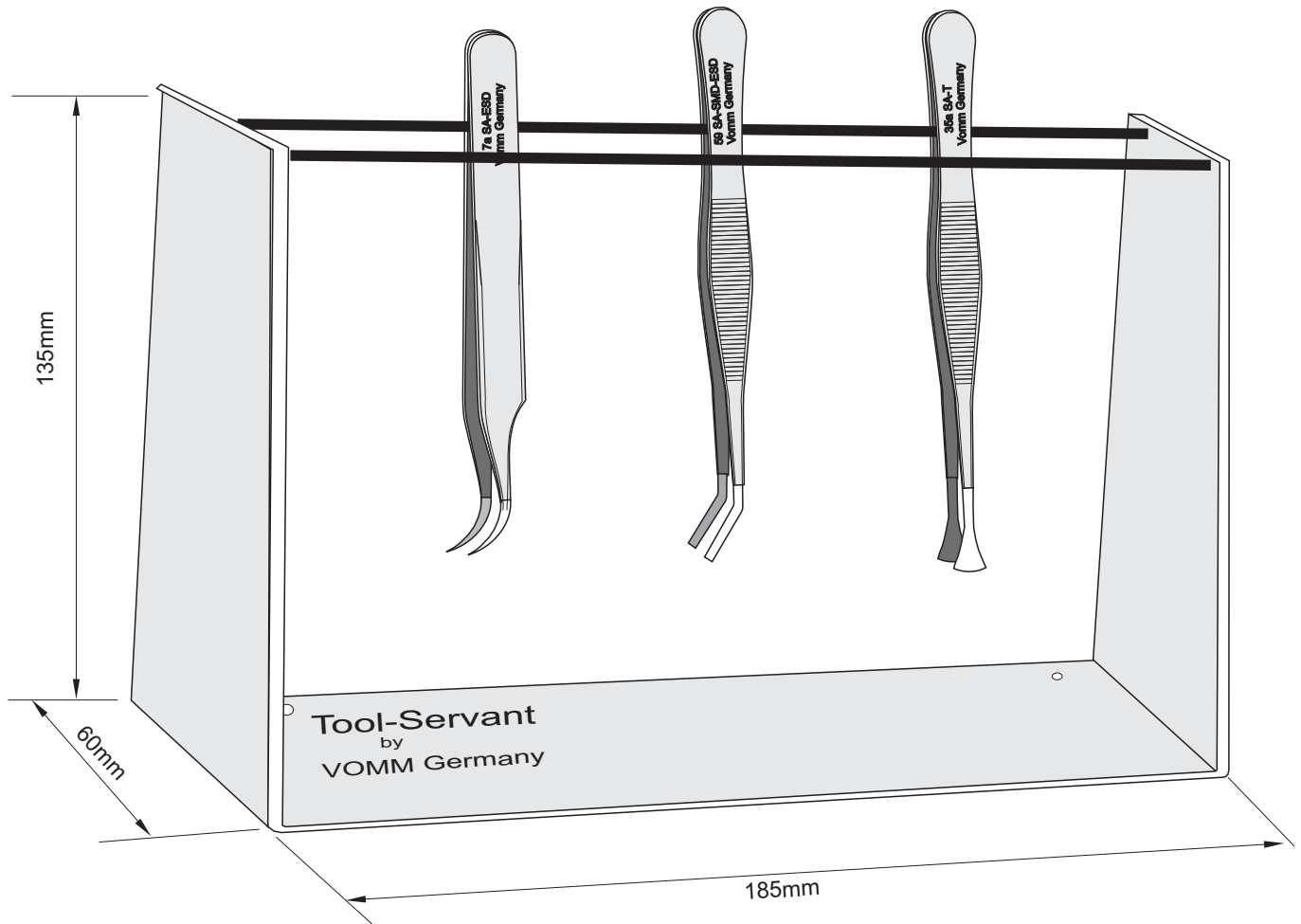


9120 **81,96**

Spezielsaugvorrichtung, speziell zum seitlichen Fassen grösserer Teile, hohe Saugkraft, 42mm

Special suction device, specifically for lateral grasping of large parts, high suction capacity, 42mm

Tool-Servant



1150

27,76

Abmessungen: L 185mm x B 60mm x H 135mm
ESD-beschichtet, antistatisch-schwarz, säurebeständig

Measurement: L 185mm x W 60mm x H 135mm
ESD-coated, antistatic-black, anti-acid

Preis ohne Pinzetten!
Price without tweezers!





0451	11,86	Kunststoffgriff	Delrin	<i>Plastic handle</i>	<i>Delrin</i>	140 mm
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0407	5,56	Griff, Messing, vernickelt / verchromt		<i>Brass, nickel-plated / chromated handle</i>		125 mm
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0408	11,22	Griff, Rostfrei		<i>Stainless Steel handle</i>		
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0467	44,08	Teleskopgriff, vernickelt verchromt		<i>Telescope-handle, nickel-plated / chromated</i>		
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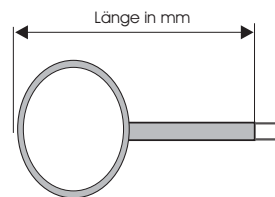


145 mm - 640 mm

Mundspiegel

zum Einbauen in obige Griffe

Mouth-mirrors to be implemented in above



0510	11,38	∅	10 mm	35 mm
0514	11,38	∅	14 mm	35 mm
0516	4,98	∅	16 mm	35 mm
0518	5,14	∅	18 mm	38 mm
0520	5,34	∅	20 mm	38 mm
0522	5,46	∅	22 mm	39 mm
0524	5,78	∅	24 mm	39 mm
0526	6,48	∅	26 mm	43 mm
0528	6,82	∅	28 mm	43 mm
0530	7,26	∅	30 mm	44 mm
0560	24,34	∅	60 mm	71 mm



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