



Notes:

Lined area for notes.

**Wiha Quality Tweezers**

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# Professional Quality ESD Tweezers

ESD SAFE • STATIC DISSIPATIVE • HYPO ALLERGENIC COATED • TEXTURED GRIPPING SURFACE



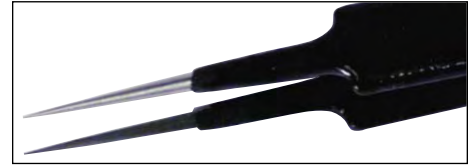
**Universal Fine Point Tweezers**

Item No.	Description	wt.
445 01	AA SA ESD - 130mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



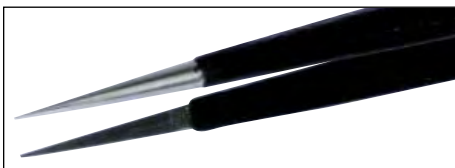
**Flat Round Tip Smooth Sides**

Item No.	Description	wt.
445 05	2a SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Extra Fine Points/Tapered To Tip**

Item No.	Description	wt.
445 09	5 SA ESD - 110mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Sturdy Long, Fine Round Points**

Item No.	Description	wt.
445 02	GG SA ESD - 130mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Fine Round Points For Assembly**

Item No.	Description	wt.
445 06	3 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Curved Extra Fine Rounded Tips**

Item No.	Description	wt.
445 10	7a SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Long Narrow Body Low Force**

Item No.	Description	wt.
445 03	SS SA ESD - 135mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Fine Round Points Shorter**

Item No.	Description	wt.
445 07	3c SA ESD - 110mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Holds 0.8 to 2mm Diameter**

Item No.	Description	wt.
445 11	50 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Reduced Body To Medium Point**

Item No.	Description	wt.
445 04	2 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Very Fine Points/Tapered To Tip**

Item No.	Description	wt.
445 08	4 SA ESD - 110mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



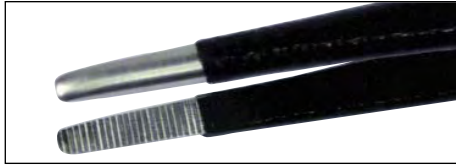
**Holds 1.5 to 3mm Diameter**

Item No.	Description	wt.
445 12	51 SA ESD - 130mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Holds 3.5 to 7mm Diameter**

Item No.	Description	wt.
445 13	52 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Universal Blunt Tip Serrated**

Item No.	Description	wt.
445 20	40 SA ESD - 145mm	.11
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Flat Bent 35°, 3mm Diameter Grip**

Item No.	Description	wt.
445 24	58 SA-SMD ESD - 117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Holds 6.5 to 10mm Diameter**

Item No.	Description	wt.
445 14	53 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**MicroTip 45° Hook 1x1x2mm**

Item No.	Description	wt.
445 21	12 SA-SMD ESD - 120mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



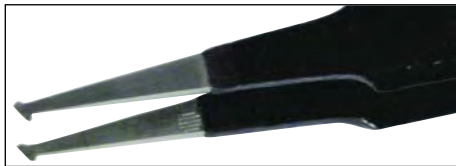
**Curved Extra Fine, 3mm Long Straight Tip**

Item No.	Description	wt.
445 25	7abb SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



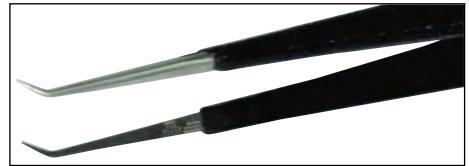
**Angled 3.5 to 7mm Diameter**

Item No.	Description	wt.
445 15	54 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**MicroTip For Chips Angled 1.6x1x1mm**

Item No.	Description	wt.
445 22	13 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Narrow Body Low Force Bent 35°-3mm Tip**

Item No.	Description	wt.
445 26	SSbb SA ESD - 140mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Narrow Rounded Tip Serrated, Guide Pin**

Item No.	Description	wt.
445 18	22 SA ESD - 150mm	.10
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Long Rounded to 1.0mm Wide No Serration**

Item No.	Description	wt.
445 23	PSF SA ESD - 125mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Angled Extra Fine Points Bent 30°, 3mm Long Tips**

Item No.	Description	wt.
445 27	5abb SA ESD - 117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



**Extra Fine Points Bent  
30°, 3mm Long Tips**

Item No.	Description	wt.
445 28	5bb SA ESD - 107mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommelloy. Special stainless steel, anti-magnetic and acid resistant.		



**Flat Bent 35°, 2mm  
Diameter Grip Radius**

Item No.	Description	wt.
445 30	59 SA-SMD ESD - 117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommelloy. Special stainless steel, anti-magnetic and acid resistant.		



**Heavy Duty Strong Tweezers  
Tapered To Strong Point**

Item No.	Description	wt.
445 32	00 SA ESD - 120mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommelloy. Special stainless steel, anti-magnetic and acid resistant.		



Coated

**MicroTip Bent 30° 1.6mm**

Item No.	Description	wt.
445 29	8b SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommelloy. Special stainless steel, anti-magnetic and acid resistant.		



**ESD Safe General Purpose  
Fine Point**

Item No.	Description	wt.
445 31	1 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommelloy. Special stainless steel, anti-magnetic and acid resistant.		



**Angled & Slightly Bent  
With Extra Fine Tips**

Item No.	Description	wt.
445 33	7 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommelloy. Special stainless steel, anti-magnetic and acid resistant.		

## Microscopy Tweezers



**MicroTip 30° Bend &  
0.5mm Slot Milled**

Item No.	Description	wt.
466 11	11SA SMD - 117mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommelloy.		



**MicroTip 40° Hook 1.6x1x1mm Wide**

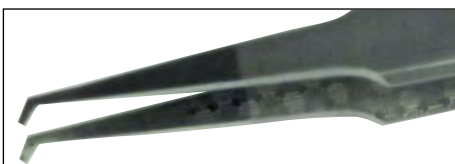
Item No.	Description	wt.
466 13	13 SA SMD - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommelloy.		



Uncoated

**MicroTip Bent 30° - 1.6mm**

Item No.	Description	wt.
466 16	8b SA SMD - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommelloy.		



**MicroTip 40° Hook 1x1x2mm Long**

Item No.	Description	wt.
466 12	12SA SMD - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommelloy.		



**MicroTip Straight & 0.5mm Slot Milled**

Item No.	Description	wt.
466 15	8SA SMD - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommelloy.		



**MicroTip 30° Bent &  
Angled With 0.5 Slot**

Item No.	Description	wt.
466 19	19 SA SMD - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommelloy.		



# Professional Quality Tweezers

## IN STANDARD AND SPECIAL SIZES



### Blunt Tip, Serrated

Item No.	Description	wt.
430 10	40 - 145mm	.11
Carbon steel tweezers. Nickel-plated finish.		



### Tapered to Fine Tip Serrated

Item No.	Description	wt.
452 10	34 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Narrow Body Low Force Bent 35° - 3mm Long Tip

Item No.	Description	wt.
469 71	SSbb SA - 140mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Blunt Tip Serrated

Item No.	Description	wt.
430 14	40 SA - 145mm	.11
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Bent Fine Tip & Serrated

Item No.	Description	wt.
452 11	34b SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Extra Fine Points Bent 30° 3mm Long Tip

Item No.	Description	wt.
469 72	5bb SA - 107mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Heavy Duty Forming Tweezers

Item No.	Description	wt.
438 00	8 SA - 120mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Curved Extra Fine, 3mm Long Angled Tip

Item No.	Description	wt.
469 50	7abb SA - 120mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Fine Hooked & Tapered Tips

Item No.	Description	wt.
469 87	6 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Long Tapered to Fine Tip Serrated

Item No.	Description	wt.
450 10	30 - 145mm	.09
Carbon steel tweezers. Nickel-plated finish.		



### Fine Points Angled with 40° - Tip Bend

Item No.	Description	wt.
469 70	5abb SA - 117mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



### Strong Tweezers Tapered To Point

Item No.	Description	wt.
481 50	OO S - 120mm	.08
Stainless steel tweezers. Brushed finish.		



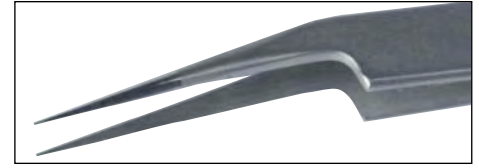
**Heavy Duty Strong Tweezers  
Tapered To Strong Point**

Item No.	Description	wt.
487 00	OO SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Universal Fine Points Tweezers**

Item No.	Description	wt.
492 84	AA S - 130mm	.08
Stainless steel tweezers. Natural finish.		



**Fine Points Angled for Visibility**

Item No.	Description	wt.
493 77	5a SA - 110mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**General Purpose Fine Points**

Item No.	Description	wt.
489 80	1 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Flat Round Tip Bent 30° Smooth  
Sides**

Item No.	Description	wt.
493 68	2ab SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Flat Round Tip Smooth Sides**

Item No.	Description	wt.
493 78	2a SA - 120mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Universal Fine Points Tweezers**

Item No.	Description	wt.
491 84	AA - 130mm	.08
Carbon steel tweezers. Nickel-plated finish.		



**Angled Upward Extra Fine Tips**

Item No.	Description	wt.
493 75	7 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Extra Fine Points & Tapered To Tip**

Item No.	Description	wt.
493 79	5 SA - 110mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Blunt 1mm Wide Tip Serrated**

Item No.	Description	wt.
491 85	PSF - 125mm	.08
Carbon steel tweezers. Nickel-plated finish.		



**Curved Extra Fine Tips**

Item No.	Description	wt.
493 76	7a SA - 120mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Very Fine Points Bent 40°  
Tapered To Tip**

Item No.	Description	wt.
493 80	4b SA - 110mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vomalloy.		



**Reduced Body to Medium Point**

Item No.	Description	wt.
493 81	2 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Blunt Tips - 1.0mm Wide Serrated**

Item No.	Description	wt.
493 85	PSF SA - 125mm	.09
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Bent Flat & Broad Tips 3mm Wide**

Item No.	Description	wt.
496 40	Fb SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Flat and Broad Tips 3mm Wide**

Item No.	Description	wt.
493 82	F SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Long Narrow Body Low Force**

Item No.	Description	wt.
493 87	SS SA - 140mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Very Fine Round Points & Tapered To Tip**

Item No.	Description	wt.
497 79	4 SA - 110mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Fine Points for Assembly**

Item No.	Description	wt.
493 83	3 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Strong, Long Tapered Fine Tips**

Item No.	Description	wt.
493 88	GG SA - 130mm	.09
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Fine Round Points Shorter**

Item No.	Description	wt.
497 83	3c SA - 110mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Universal Fine Points Tweezers**

Item No.	Description	wt.
493 84	AA SA - 130mm	.09
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Longer Narrow Body Low Force**

Item No.	Description	wt.
494 87	SSL SA - 160mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Very Fine Points Bent & Tapered Long**

Item No.	Description	wt.
498 79	4L SA - 140mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		

# Professional Quality Wafer Tweezers



**Back Stop, Top 2.4 Bottom 7mm**

Item No.	Description	wt.
437 99	37 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**16mm Wide With Back Stop**

Item No.	Description	wt.
441 59	49 SA - 125mm	.09
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Flat Angled 5mm Wide**

Item No.	Description	wt.
495 87	38a SA - 103mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**9mm Wide With Back Stop Pins**

Item No.	Description	wt.
439 48	89 SA - 125mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Bent Large 20mm Wide, Back Stop**

Item No.	Description	wt.
460 69	61 SA - 125mm	.11
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		

## Cutting Tweezers



**End Cutting Tweezers**

Item No.	Description	wt.
465 00	D - 95mm	.11
Carbon steel. UnPlated finish.		



**12mm Wide With Back Stop Pins**

Item No.	Description	wt.
439 49	89a SA - 125mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Angled 12mm Wide Flat, Back Stop**

Item No.	Description	wt.
476 00	91 SA - 125mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



**Curved Very Fine Cutting Tweezers**

Item No.	Description	wt.
483 07	C7 - 115mm	.08
Carbon steel made from Vommeloy. Brushed finish.		



**Angled 4 Pin 12mm Wide**

Item No.	Description	wt.
441 49	16 SA - 125mm	.08
Stainless steel, anti-magnetic and acid resistant. Wafer tweezers made from Vommeloy.		



**Long Flat Straight 5mm Wide**

Item No.	Description	wt.
495 84	39 SA - 125mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		

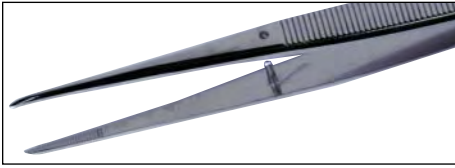


**Angled Head, Cutting Nippers**

Item No.	Description	wt.
495 01	1 5a - 115mm	.11
Carbon steel. Natural finish.		



# Professional Quality Guide Pins Tweezers



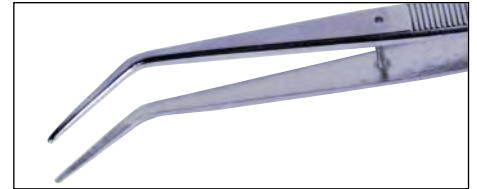
**Fine Tip Straight, Guide Pin, Fine Serrated**

Item No.	Description	wt.
420 12	17 - 120mm Carbon steel. Nickel-plated finish.	.08



**Universal Straight Guide Pin, Fine Serrated**

Item No.	Description	wt.
452 12	35 SA - 120mm Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.	.08



**Narrow Body, Bent, Long, Guide Pin, Serrated Tweezers**

Item No.	Description	wt.
491 54	22b S - 155mm Stainless steel. Natural finish.	.09



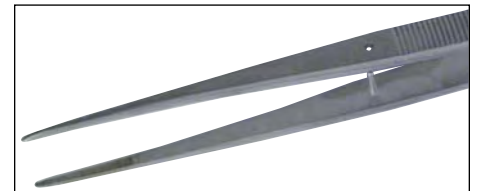
**Fine Tip Bent, Guide Pin, Fine Serrated**

Item No.	Description	wt.
420 13	17B - 120mm Carbon steel. Nickel-plated finish.	.08



**Fine Bent, Guide Pin, Serrated**

Item No.	Description	wt.
452 13	35B SA - 145mm Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.	.08



**Narrow Body, Straight, Long, Guide Pin, Serrated Tweezers**

Item No.	Description	wt.
491 59	22 SA - 155mm Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.	.10



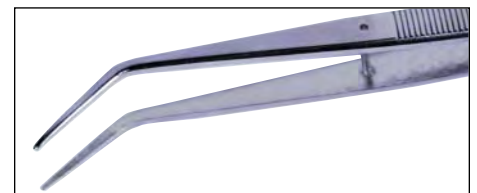
**Heavy, Blunt, Straight, Guide Pin, Serrated Tweezers**

Item No.	Description	wt.
432 13	45b SA - 120mm Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.	.09



**Long Pointed, Angled Tip, Guide Pin & Lock**

Item No.	Description	wt.
491 50	20S - 150mm Stainless steel. Polished finish.	.10



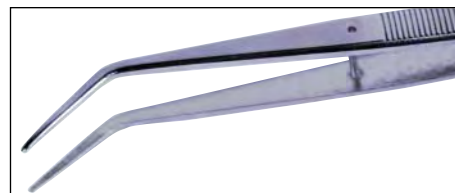
**Narrow Body, Bent, Long, Guide Pin, Serrated Tweezers**

Item No.	Description	wt.
491 60	22b SA - 155mm Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.	.10



**Bent, Long, Guide Pin, Fine Serrated Tweezers**

Item No.	Description	wt.
451 13	33b - 165mm Carbon steel. Nickel-plated finish.	.10



**Narrow Body, Bent, Long, Guide Pin, Serrated Tweezers**

Item No.	Description	wt.
491 53	22b - 155mm Carbon steel. Nickel-plated finish.	.120

# Professional Quality SMD

## COMPONENT POSITIONING & DESOLDERING TWEEZERS



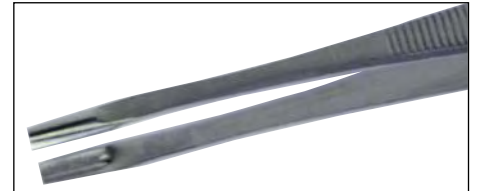
**Holds 0.8 to 2.0 Diameter**

Item No.	Description	wt.
421 41	50 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



**Holds 1.5 to 3.0 Diameter**

Item No.	Description	wt.
421 48	51 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



**Vertical 1.5 to 3.5mm Diameter**

Item No.	Description	wt.
421 55	55 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



**Flat Bent 35° 3mm Dia. Milled Slot**

Item No.	Description	wt.
421 42	58 SA SMD - 117mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



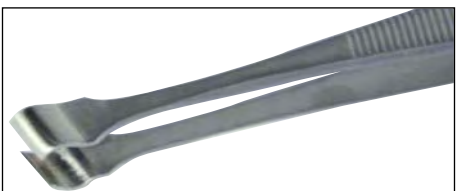
**Holds 3.5 to 7mm Diameter**

Item No.	Description	wt.
421 49	52 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



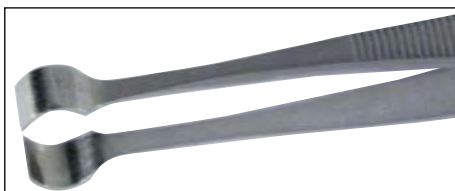
**Vertical Long, Holds  
2.5 to 5mm Diameter**

Item No.	Description	wt.
434 14	64 SA - 145mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



**Angled 3.5 to 7mm Diameter**

Item No.	Description	wt.
421 46	54 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



**Holds 6.5 to 10mm Diameter**

Item No.	Description	wt.
421 50	53 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



**Bent Long, Holds 3.5 to  
7mm Diameter**

Item No.	Description	wt.
434 19	63 SA - 145mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommelaloy.		



# Professional Quality Tweezers

## SELF CLOSING TWEEZERS



### Long Straight Tweezers

Item No.	Description	wt.
432 70	R29 S - 160mm	.11
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Pointed Self Closing LD Long Straight

Item No.	Description	wt.
432 74	R28 - 160mm	.11
Carbon steel. Nickel-plated finish.		



### Chip Holding Curved Fine Micro Tip

Item No.	Description	wt.
466 10	R10 SA SMD - 117mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Long Bent Tweezers

Item No.	Description	wt.
432 71	R29b SA - 160mm	.12
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Blunt Heat Dissipating Copper Tips

Item No.	Description	wt.
432 75	R32 - 160mm	.12
Carbon steel, Copper. Nickel-plated finish.		



### Straight Flat Square End 5mm Wide

Item No.	Description	wt.
480 50	R50 SA - 105mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Pointed Self Closing Long Straight

Item No.	Description	wt.
432 72	R29 - 160mm	.11
Carbon steel. Nickel-plated finish.		



### Reverse 2 Flat Round Tip Smooth Sides

Item No.	Description	wt.
458 02	R2a SA - 115mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Bent Flat Square End 5mm Wide

Item No.	Description	wt.
480 51	R50b SA - 105mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Long Bent Tweezers

Item No.	Description	wt.
432 73	R29b - 160mm	.12
Carbon steel. Nickel-plated finish.		



### Reverse 3 Fine Round Points For Assembly

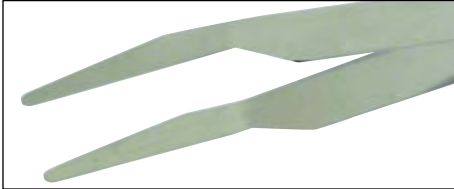
Item No.	Description	wt.
458 03	R3 SA - 115mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Strong With Square Ends Deep Serrated

Item No.	Description	wt.
480 75	R30 - 160mm	.13
Carbon steel. Nickel-plated finish.		

## Super Thin Foil Tweezers



**Blunt, Thin .035", Very Low Force**

Item No.	Description	wt.
492 15	112 SA - 100mm	.05

Stainless steel, anti-magnetic and acid resistant.  
Polished finish tweezers made from Vommaloy.



**Pointed, Thin .035", Very Low Force**

Item No.	Description	wt.
492 20	113 SA - 100mm	.05

Stainless steel, anti-magnetic and acid resistant.  
Polished finish tweezers made from Vommaloy.

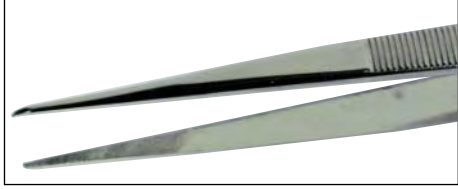
## Long Tweezers With Serrated Pattern Tips



**Rounded Tip Long With Grip Pattern**

Item No.	Description	wt.
497 09	D13 SA - 160mm	.10

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



**Rounded Tip Long with Grip Pattern**

Item No.	Description	wt.
497 14	D13 - 160mm	.10

Carbon steel. Nickel-plated finish.

## Isolated 5 Piece Tweezers Set

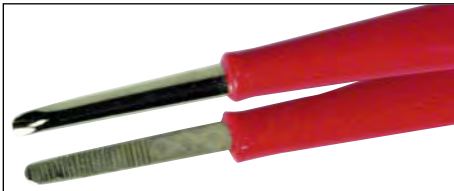


**Isolated Tweezers Set**

Item No.	Description	wt.
491 90	5 pc. set in pouch	.68

Set includes: 43015, 43016, 49157, 49158, 48100  
Carbon steel. Nickel-plated finish. Dipped handles.

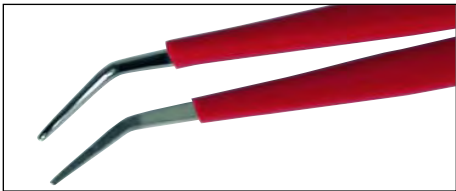
## Isolated Tweezers With Dipped Handles



**Blunt End Straight Isolated & Serrated**

Item No.	Description	wt.
430 15	40 isol - 145mm	.12

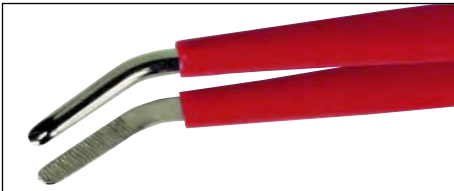
Carbon steel. Nickel-plated finish.



**Narrow Pointed, Bent, Isolated Serrated**

Item No.	Description	wt.
491 57	22b isol - 145mm	.10

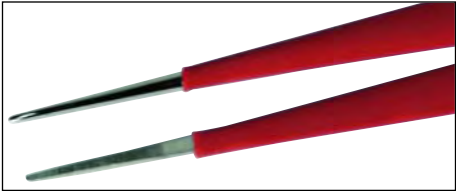
Carbon steel. Nickel-plated finish.



**Blunt End Bent Isolated & Serrated**

Item No.	Description	wt.
430 16	40b isol - 145mm	.12

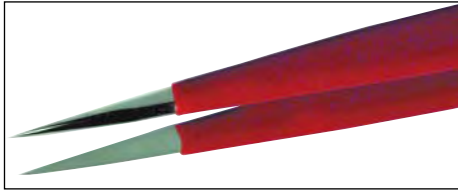
Carbon steel. Nickel-plated finish.



**Narrow Pointed & Straight Isolated Serrated**

Item No.	Description	wt.
491 58	22 isol - 155mm	.10

Carbon steel. Nickel-plated finish.



**Universal Pointed Tip Isolated**

Item No.	Description	wt.
481 00	AA isol - 130mm	.10

Carbon steel. Nickel-plated finish.



## Inspection Mirrors All Stainless Detachable & Boilable

### Mirrors-Clean Room Quality

For Visual Checks and Fault Finding at Inaccessible Locations



Natural Finish, Stainless Steel



40410 - #000

### Inspection Mirror - Stainless 10mm

Item No.	Description	wt.
404 10	#000 IM - 185mm	.09



40424 - #5

### Inspection Mirror - Stainless 24mm Short Stem

Item No.	Description	wt.
404 24	#5 IM - 175mm	.10



40414 - #0

### Inspection Mirror - Stainless 14mm

Item No.	Description	wt.
404 14	#0 IM - 200mm	.09



40426 - #6

### Inspection Mirror - Stainless 26mm

Item No.	Description	wt.
404 26	#6 IM - 215mm	.10



40420 - #3

### Inspection Mirror - Stainless 20mm

Item No.	Description	wt.
404 20	#3 IM - 205mm	.09



40430 - #8

### Inspection Mirror - Stainless 30mm

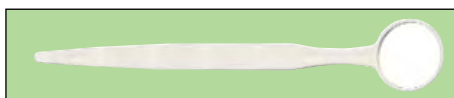
Item No.	Description	wt.
404 30	#8 IM - 215mm	.10



40422 - #4

### Inspection Mirror - Stainless 22mm Short Stem

Item No.	Description	wt.
404 22	#4 IM - 175mm	.10



### Disposable Inspection Mirrors

Item No.	Description	wt.
404 25	5 Pack - Plastic	.10

Set includes: White disposable inspection mirror  
#5 Inspection Mirrors - 24mm x 146mm

## One Piece All Stainless Hooks

### Sculpting & Scribing Hooks- Clean Room Quality

- Sharp Hooks For Cutting & Marking
- Surgical Stainless Steel
- Natural Finish
- For Work on PCB's, Modeling
- All Stainless Single Piece Construction



### Approx. 2mm Wide Short Tapered & Curved

Item No.	Description	wt.
432 36	3230.6-60 Hook - 155mm	.10



### Approx. 4mm Wide Squared & Curved

Item No.	Description	wt.
432 35	3230.5-59 Hook - 155mm	.10



### Approx. 2mm Wide Squared & Curved

Item No.	Description	wt.
432 34	3230.4-33 Hook - 155mm	.10



### Approx. 4.5mm Wide Sharp Pointed & Curved

Item No.	Description	wt.
432 33	3230.3-06 Hook - 155mm	.10



### Approx. 3mm Wide Pointed & Curved

Item No.	Description	wt.
432 32	3230.2-03 Hook - 155mm	.10



### Approx. 2mm Wide Sharp Curved Hook

Item No.	Description	wt.
432 31	3230.1-01 Hook - 155mm	.10

# Professional Quality Excavators & Probes

## One Piece All Stainless Probes



### Probes-Clean Room Quality

- For Levering & Removing Components
- Stainless Steel, For Work on PCB's, Modeling, Polished Finish



### Stainless Steel Straight Probe

Item No.	Description	wt.
432 29	3220.9-11 Probe - 170mm	.07



### Soldering Hook

Item No.	Description	wt.
432 30	3221 - 165mm	.07

## One Piece All Stainless Excavators

### Excavators-Clean Room Quality

- Can Be Used as Mini-Spatulas
- For Work on PCB's, Modeling
- Surgical Stainless Steel, Polished Finish
- Single Piece Construction



### 1mm Excavator

Item No.	Description	wt.
432 51	3225.1-39 - 165mm	.09



### 2mm Excavator

Item No.	Description	wt.
432 52	3225.2-35 - 165mm	.09



### 2.5mm Excavator

Item No.	Description	wt.
432 53	3225.3-31 - 165mm	.10

### All Stainless Single Piece Construction-Clean Room Quality



### Stainless Steel Probe

Item No.	Description	wt.
432 21	3220.1-07 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 25	3220.5-09 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 22	3220.2-06 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 26	3220.6-10 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 23	3220.3-05 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 27	3220.7-17 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 24	3220.4-16 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
432 28	3220.8-02 Probe - 170mm	.08

Stainless steel, polished finish.