

SPECIAL TWEEZERS FOR SMD TECHNOLOGY

quality precision tweezers from special steel stainless - matt polished - antimagnetic - acid resistant

5-050 6-piece set of special tweezers for the SMD-technique, matt finish, stainless, anti-magnetic in a wallet

No.	Description of individual tools	Weight: 135 g
5-051	SMD-tweezers, straight pointed, 115 mm	
5-052	SMD-tweezers, bent, very sharply pointed, 110 mm	
5-054	SMD-tweezers, sickle-shaped curved, very sharply pointed, 120 mm	
5-058	SMD-tweezers, crossed, bent, pointed, 120 mm	
5-061	SMD-tweezers, bent, flat tips 2 mm wide, 115 mm	
5-062	SMD-tweezers, bent, flat tips, with gripping cavity, 115 mm	



5-050

5-060 6-piece set ESD-Tweezers for the SMD-Technique in a wallet made from dissipative material

No.	Description of individual tools	Weight: 155 g
5-049-13	SMD-tweezers, straight, very sharply pointed, 110 mm	
5-055-13	SMD-tweezers, sickle-shaped, very sharply pointed, 120 mm	
5-059-13	SMD-tweezers, flat, rounded tips, 2 mm width, 120 mm	
5-067-13	SMD-tweezers, tip 45° angled, 2.0 mm width, 120 mm	
5-068-13	SMD-tweezers, tip angled, 1.6 mm, 120 mm	
5-078-13	SMD-tweezers, tapering, chisel, 1.0 mm width, 130 mm	



5-060

ESD-TWEEZERS

made from conductive, black plastic material, reinforced with glass fibre, conductive and acid-resistant, melting point 175° C

No.	Length		Finish	Weight
	mm	Inch		
5-191	120	4 3/4"	straight, rounded tips, 2 mm wide	5 g
5-192	120	4 3/4"	straight, 3 mm flat-hand tips, grip surface offset	4 g
5-193	120	4 3/4"	straight, flat, 6 mm wide tips	5 g
5-194	120	4 3/4"	bent, pointed tips	5 g
5-195	120	4 3/4"	straight, pointed tips, grip surface offset	4 g

5-190 V 6-piece set of ESD tweezers

strung on the ESD tool holder "VARIO"

Contents: 5 tweezers made from conductive black plastic material, No. 5-191, 5-192, 5-193, 5-194, 5-195, 1 tweezers with ceramic tips No. 5-454

Weight: 125 g



5-190 V

5-090 V 5-piece set of ESD tweezers

strung on the ESD tool holder "VARIO"

Contents: 5 tweezers made from conductive black plastic material, No. 5-191, 5-192, 5-193, 5-194, 5-195

Weight: 94 g



5-090 V

TITAN TWEEZERS

tweezers made from Titan are for highest demands, have a light weight, immunity to corrosion, even to aggressive acids, they are antimagnetic, antibacterial, solder-repellent, and non-reflective. The melting point is 1677°C.

5-031	110	4 3/8"	matt-stainless, sharply pointed	9 g
5-035	120	4 3/4"	matt-stainless, sharply pointed	9 g
5-036	145	5 3/4"	matt-stainless, straight - round - wide tips with fine serration	15 g
5-037	150	6"	matt-stainless, fine bent tips tips with fine serration	12 g



IC-TWEEZERS

for gripping, inserting and removing of IC's

2-601-13	125	5"	with ESD-coating	22 g
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SPECIAL TWEEZERS SETS

5-030 3-piece set of electronic tweezers from titan non-reflective, stainless, solder-repellen in a wallet

No. Description of individual tools Weight: 60 g

- 5-031 Titan-tweezers, sharply pointed, 110 mm
- 5-036 Titan-tweezers, straight, round, wide, 145 mm, with serration
- 5-037 Titan-tweezers, fine bent tips, 150 mm

5-110 3-piece set of Engineer's Tweezers made from steel, nickel-plated in a wallet

No. Description of individual tools Weight: 95 g

- 5-107 Engineer's tweezers, fine, bent tips, finely serrated, 150 mm
- 5-121 Engineer's tweezers, narrow pointed tips, finely serrated, 120 mm
- 5-155 Crossed tweezers, (self-locking) jaws 5 mm wide, finely serrated, 160 mm

5-050 6-piece set of special tweezers for the SMD-technique, matt finish, stainless, anti-magnetic in a wallet

No. Description of individual tools Weight: 135 g

- 5-051 SMD-tweezers, straight pointed, 115 mm
- 5-052 SMD-tweezers, bent, very sharply pointed, 110 mm
- 5-054 SMD-tweezers, sickle-shaped curved, very sharply pointed, 120 mm
- 5-058 SMD-tweezers, crossed, bent, pointed, 120 mm
- 5-061 SMD-tweezers, bent, flat tips 2 mm wide, 115 mm
- 5-062 SMD-tweezers, bent, flat tips, with gripping cavity, 115 mm

5-060 6-piece set ESD-Tweezers for the SMD-Technique in a wallet made from dissipative material

No. Description of individual tools Weight: 155 g

- 5-049-13 SMD-tweezers, straight, very sharply pointed, 110 mm
- 5-055-13 SMD-tweezers, sickle-shaped, very sharply pointed, 120 mm
- 5-059-13 SMD-tweezers, flat, rounded tips, 2 mm width, 120 mm
- 5-067-13 SMD-tweezers, tip 45° angled, 2.0 mm width, 120 mm
- 5-068-13 SMD-tweezers, tip angled, 1,6 mm, 120 mm
- 5-078-13 SMD-tweezers, tapering, chisel, 1,0 mm width, 130 mm



5-030



5-110



5-050

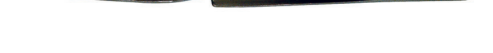


5-060

SPECIAL-TWEEZERS FOR SMD-TECHNIQUE

high precision tweezers from special steel stainless – matt finish – anti-magnetic – acid –resisting - alternative with ESD coating (-13) -

No.	Length		Finish / Model	Weight g
	mm	Inch		
5-048	110	4 3/8"	straight, very sharply pointed, 5 SA	12 g
5-048-13	110	4 3/8"	as above, with ESD coating	12 g
5-049	110	4 3/8"	straight, very sharply pointed, 4 SA	12 g
5-049-13	110	4 3/8"	as above, with ESD coating	12 g
5-051	115	4 1/2"	straight pointed, 2 SA	15 g
5-051-13	115	4 1/2"	as above, with ESD coating	15 g
5-052	110	4 3/8"	bent, very sharply pointed, 5b SA	13 g
5-052-13	110	4 3/8"	as above, with ESD coating	13 g
5-059	120	4 3/4"	flat, rounded tips, 2.0 mm width, 2a SA	15 g
5-059-13	120	4 3/4"	as above, with ESD coating	15 g
5-078	130	5 1/8"	tapering, chisel, 1.0 mm width, PSF SA	16 g
5-078-13	130	5 1/8"	as above, with ESD coating	16 g
5-053	110	4 3/8"	obliquely angled, very sharply pointed, 51 SA	13 g
5-053-13	110	4 3/8"	as above, with ESD coating	13 g
5-054	120	4 3/4"	sickle-shape-curved, very sharply pointed, 7abb SA	16 g
5-054-13	120	4 3/4"	as above, with ESD coating	16 g
5-055	120	4 3/4"	sickle-shaped, very sharply pointed, 7a SA	15 g
5-055-13	120	4 3/4"	as above, with ESD coating	15 g
5-056	120	4 3/4"	slightly bent, very sharply pointed, 7 SA	15 g
5-056-13	120	4 3/4"	as above, with ESD coating	15 g
5-057	120	4 3/4"	self-locking, straight-pointed, 31 SA	13 g
5-057-13	120	4 3/4"	as above, with ESD coating	13 g
5-058	120	4 3/4"	self-locking, bent, pointed, 31b SA	13 g
5-058-13	120	4 3/4"	as above, with ESD coating	13 g
5-061	115	4 1/2"	bent, flat rounded tips, 2ab SA	16 g
5-061-13	115	4 1/2"	as above, with ESD coating	16 g
5-062	115	4 1/2"	35° angled, 2.0 mm width, with gripping cavity Ø 0.8 mm, 59 SA	16 g
5-062-13	115	4 1/2"	as above, with ESD coating	16 g
5-063	115	4 1/2"	35° angled, 3.5 mm width, with gripping cavity Ø 0.8 mm, 58 SA	16 g
5-063-13	115	4 1/2"	as above, with ESD coating	16 g



TWEEZERS