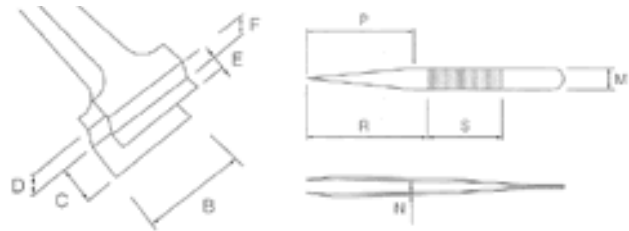


Wafer Tweezers

EMS Wafer Tweezers

These tweezers are especially designed for the handling of delicate and fragile silicon wafers, scintillation discs, glass slides, coverslips etc. Made from antimagnetic/anti acid steel with a very smooth surface and a non-glare finish.



ORDERING INFORMATION

Style 2W



A: 6.5mm (0.25"); B: 5.0mm (0.20"); C: 2.5mm (0.10");
D: 4.0mm (0.15")

Cat. No.	Description	Qty.
78410-2W	EMS 2W	each

Style 38FG



A: 9.5mm (0.37"); B: 11.0mm (0.34"); D: 4.0mm (0.15");
E: 2.5mm (0.10")

Cat. No.	Description	Qty.
78411-38FG	EMS 38FG	each

Style 2WFCPR



Tips are made of PEEK/CF30. These tips offer gently holding wafers.
Replacement tips are available. A: 0.25" (6.6mm);
B: 0.41" (2.0mm); C: 0.08" (2.0mm); D: 0.14" (3.5mm);
E: 0.18" (4.5mm)

Cat. No.	Description	Qty.
78410-2WFC	EMS 2WFCPR	each
78410-2WFR	Replacement tips set	set

Style 39S2



A: 6.5mm (0.25"); B: 8.5mm (0.33"); D: 5.5mm (0.20");
E: 2.4mm (0.09")

Cat. No.	Description	Qty.
78412-39S2	EMS 39S2	each

Style 3WF



A: 6.5mm (0.25"); B: 5.0mm (0.20"); C: 2.5mm (0.10");
D: 4.0mm (0.15")

Cat. No.	Description	Qty.
78411-3WF	EMS 3WF	each

Style 39S3



A: 9.5mm (0.37"); B: 8.5mm (0.23"); D: 5.5mm (0.20");
E: 2.4mm (0.09")

Cat. No.	Description	Qty.
78412-39S3	EMS 39S3	each

Style 35S



A: 29.0mm (1.14"); B: 5.5mm (0.20"); D: 3.0mm (0.12")

Cat. No.	Description	Qty.
78411-35S	EMS 35S	each

Style 4WF



A: 12.0mm (0.47"); B: 9.0mm (0.33"); D: 4.0mm (0.15");
E: 2.5mm (0.10")

Cat. No.	Description	Qty.
78414-4WF	EMS 4WF	each

III Wafer Tweezers, Cont'd

ORDERING INFORMATION

**Style
4WFCPR**



Tips are made of PEEK/CF30 - These tips offer gently holding wafers.

Replacement tips are available. A: 0.46" (12mm); B: 0.41" (2.0mm); C: 0.08" (2.0mm); D: 0.14" (3.5mm); E: 0.18" (4.5mm)

Cat. No.	Description	Qty.
78414-4WFC	EMS 4WFCPR	each
78414-4WFR	Replacement tips set	set

Style 41W



A: 28.0mm (1.1"); B: 12.0mm (0.47"); D: 5.0mm (0.20"); E: 5.0mm (0.2")

Cat. No.	Description	Qty.
78414-41W	EMS 41W	each

Style 43WFG



A: 9.5mm (0.37"); B: 8.5mm (0.33"); D: 3.5mm (0.14"); E: 2.5mm (0.10")

Cat. No.	Description	Qty.
78414-43WFG	EMS 43WFG	each

Style 44WF



A: 12.0mm (0.47"); B: 8.5mm (0.33"); D: 3.5mm (0.14"); E: 2.5mm (0.10")

Cat. No.	Description	Qty.
78414-44WF	EMS 44WF	each

Style 48WF



A: 28.0mm (1.1"); B: 9.0mm (0.35"); D: 4.0m (0.15"); E: 2.5mm (0.10")

Cat. No.	Description	Qty.
78414-48WF	EMS 48WF	each

Style 600M



Bent

A: 20.0mm (0.79"); B: 11.0mm (0.43"); E: 2.3mm (0.09")

Cat. No.	Description	Qty.
78425-600M	EMS 600M	each

Style 8WF



A: 28.5mm (1.12"); B: 12.0mm (0.47"); C: 2.2mm (0.08"); D: 3.5mm (0.14"); E: 2.5mm (0.10")

Cat. No.	Description	Qty.
78420-8WF	EMS 8WF	each

Style 8WNY



A: 65.0mm (2.55"); B: 19.0mm (0.75"); C: 1.3mm (0.05"); D: 2.0mm (0.08")

Cat. No.	Description	Qty.
78422-8WNY	EMS 8WNY	each

Style 96



Self-Closing

A: 14.5mm (0.57"); B: 10.5mm (0.41"); C: 9.0mm (0.35")

Cat. No.	Description	Qty.
78426-96	EMS 96	each

III Dumont Wafer Tweezers

ORDERING INFORMATION

Style 35A



Matte

A: 0.15mm (0.006"); B: 7.0mm (0.28"); Length: 120mm

Cat. No.	Description	Qty.
0403-35A-PS	Dumoxel 35A	each

Style 36A/30



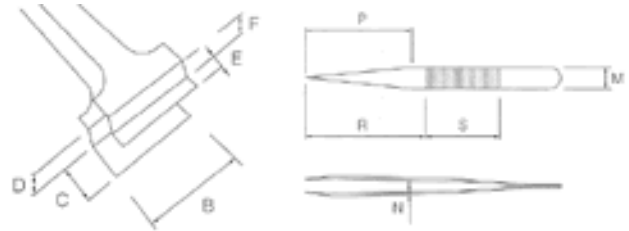
Matte - Bent 30°

A: 0.2mm (0.008"); B: 6.0mm (0.24"); Length: 118mm

Cat. No.	Description	Qty.
0403-36A/30-PS	Dumoxel 36A/30	each

III Rubis Wafer Tweezers

Made from SA steel with serrated handles. These tweezers are specially designed to handle different fragile and delicate materials of gallium or silicon wafers. They have a smooth polished non-glare surface with a satin finish. The tweezers have stopping pins turned up on lateral edges and graduated lower paddles prevent the wafer from slipping. The tweezers are also available in Peek material. Peek: An ESD Safe, 105Ω x cm. Soft, conductive fiber, with heat resistance up to 250°C (short exposure 300°C). (Not compatible with nitric and sulfuric acids.)



ORDERING INFORMATION

Style 2LB/4



No teeth. Length: 128mm (5").

B = 12.5mm (1/2"); C = 8mm (1/3"); D = 3mm (1/8");
E = 2mm (1/12"); F = 4mm (1/6"); M = 9mm (1/3");
N = 2mm (1/12"); R = 48mm (1 3/4"); S = 42mm (1-2/5")

Cat. No.	Description	Qty.
78220-01	Wafer Tweezers Style 2LB/4	each

Style 39S-4



4 teeth. Lower part perforated. Length: 128mm (5").

B = 12.5mm (1/2"); C = 10mm (1/3"); E = 2mm (1/12");
F = 6mm (1/4"); M = 9mm (1/3"); N = 1.5mm (1/16");
R = 48mm (1 3/4"); S = 4mm (1-2/5")

Cat. No.	Description	Qty.
78225-01	Wafer Tweezers Style 39S-4	each

III Rubis Wafer Tweezers, Cont'd

ORDERING INFORMATION

**Style
41LB-2**



2 teeth. Flat lower paddle. Length: 128mm (5").
 B = 6mm (1/4"); C = 7.0mm (1/4"); E = 2mm (1/12");
 F = 3mm (1/8"); M = 9mm (1/3"); N = 1.5mm (1/16");
 R = 52mm (2"); S = 42mm (1-2/5")

Cat. No.	Description	Qty.
78226-01	Wafer Tweezers Style 41LB-2	each

**Style
43LB-4-Peek**



Clean-room compatible. Length: 138mm (5 1/2").
 B = 13mm (33/64"); C = 21mm (3/4"); D = 4mm (1/6");
 E = 6mm (1/4"); F = 5mm (1/5"); M = 11mm (1/2");
 N = 1.5mm (1/16"); R = 61mm (2 2/3"); S = 35mm (1 3/8")

Cat. No.	Description	Qty.
78240-01	Wafer Tweezers Style 43LB-4-Peek	each

**Style
41LB-5**



5 teeth. Flat lower paddle. Length: 132mm (5 1/4").
 B = 16mm (5/8"); C = 9mm (1/3"); E = 2mm (1/12");
 F = 3mm (1/8"); M = 11mm (1/2"); N = 2mm (1/12");
 R = 52mm (2"); S = 42mm (1-2/5")

Cat. No.	Description	Qty.
78229-01	Wafer Tweezers Style 41LB-5	each

**Style
43LB-8-Peek**



Clean-room compatible. Length: 138mm (5 1/2").
 B = 27mm (1-1/16"); C = 21mm (3/4"); D = 4mm (1/6");
 E = 6mm (1/4"); F = 5mm (1/5"); M = 11mm (1/2");
 N = 1.5mm (1/16"); R = 61mm (2 2/3"); S = 35mm (1 3/8")

Cat. No.	Description	Qty.
78239-01	Wafer Tweezers Style 43LB-8 Peek	each

**Style
42LB-6**



6 teeth. Step up lower paddle. Length: 130mm (5 1/8").
 B = 19.5mm (3/4"); C = 8mm (1/2"); D = 3mm (1/8");
 E = 3mm (1/8"); F = 4mm (1/6"); M = 11mm (1/2");
 N = 2mm (1/12"); R = 52mm (2"); S = 42mm (1-2/5")

Cat. No.	Description	Qty.
78237-01	Wafer Tweezers Style 42LB-6	each

**Style
43LB-10**



10 teeth. Flat lower paddle with opening controller.
 Length: 190mm (7 1/2").
 B = 33.5mm (2"); C = 20mm (3/4"); D = 7mm (1/4");
 E = 2mm (1/12"); F = 3mm (1/8"); M = 13mm (1/2");
 N = 2mm (1/12"); R = 77mm (3"); S = 42mm (1 2/3")

Cat. No.	Description	Qty.
78241-01	Wafer Tweezers Style 43LB-10	each

Plastic Wafer Tweezers

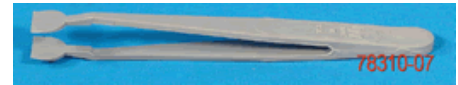
Designed for low cost and ease of use with the highest quality of materials.

ORDERING INFORMATION



For delicate, thin, and flat objects, 11.3cm long

Cat. No.	Description	Qty.
78310-04	Glass-filled Delrin	each
78310-41	Glass-filled Delrin, LLDPE, acid resistant	each



Extra wide point, 11.3cm long

Cat. No.	Description	Qty.
78310-07	Glass-filled Delrin	each
78310-71	Glass-filled Delrin, LLDPE, acid resistant	each



For handling coverslips or glass slides, 11.3cm long

Cat. No.	Description	Qty.
78310-05	Glass-filled Delrin	each
78310-51	Glass-filled Delrin, LLDPE, acid resistant	each



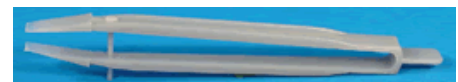
Extra long with line up pin, 16.5cm long

Cat. No.	Description	Qty.
78311-4A	Fluorocarbon, acid resistant	each



For glass slides, wafer handling, 11.3cm long

Cat. No.	Description	Qty.
78310-06	Glass-filled Delrin	each
78310-61	Glass-filled Delrin, LLDPE, acid resistant	each



16.5cm long

Cat. No.	Description	Qty.
78311-5A2	LLDPE, acid resistant	each