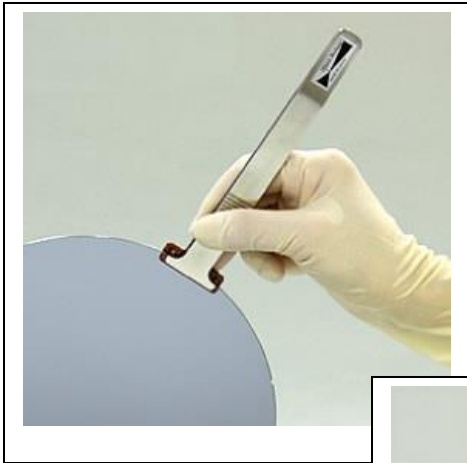


Wafer handling tweezers

- PEEK tweezers
- ESD PEEK tweezers
- Lockable tweezers
- PPS tweezers
- Vespel high temperature tweezers
- Stainless steel tweezers



PEEK tweezers

Manufactured entirely from PEEK (polyetheretherketone), without glue or metal parts, these unique designs handle a delicate and fragile semiconductor wafer gently but firmly and without excessive contact. The contact area is optically-polished to reduce surface particle counts. The wafer is never scratched in contrast to conventional metal tweezers.

PEEK

- Suitable for continuous use up to 130°C



Part number	Wafer diameter	Length mm	Weight g	Tip width mm	Top edge contact mm	Bottom edge contact mm
M100-100	4", 100 mm	146	30	16	5.4	9.5
M100-125	5", 125 mm	146	31	32	4.5	9.0
M100-150	6", 150 mm	147	31	37	5.6	8.5
M100-200	8", 200 mm	147	32	37	8.0	11.9

Opening gap mm: 2.5 ±1

PEEK Lockable

- Suitable for continuous use up to 130°C
- Less handling force required and reduced contact thanks to the lockable lever



Part number	Wafer diameter	Length mm	Weight g	Tip width mm	Top edge contact mm	Bottom edge contact mm
M100-150L	6", 150 mm	185	71	40	3	6
M100-200L	8", 200 mm	180	72	55	3	10
M100-300L	12", 300 mm	180	77	75	10	16

Opening gap mm: 2.5 ±1

ESD PEEK

- Suitable for continuous use up to 130°C
- Optimum electro-static discharge protection with 10^6 to 10^8 ohms resistance



Part number	Wafer diameter	Length mm	Weight g	Tip width mm	Top edge contact mm	Bottom edge contact mm
E100-100	4", 100 mm	146	30	16	5.4	9.5
E100-125	5", 125 mm	148	32	32	4.5	9.0
E100-150	6", 150 mm	147	32	37	5.6	8.5
E100-200	8", 200 mm	147	33	37	8.0	11.9

Opening gap mm: 2.5 ± 1

PPS tweezers

Manufactured from PPS (polyphenylene sulphide), without glue or metal parts, these unique designs handle a delicate and fragile semiconductor wafer gently but firmly and without excessive contact. The contact area is optically-polished to reduce surface particle counts. The wafer is never scratched in contrast to conventional metal tweezers.

PPS

- Suitable for continuous use up to 130°C
- Broad range of chemical resistance



Part number	Wafer diameter	Length mm	Weight g	Tip width mm	Top edge contact mm	Bottom edge contact mm
M110-100	4", 100 mm	146	31	16	5.4	9.5
M110-125	5", 125 mm	148	32	32	4.5	9.0
M110-150	6", 150 mm	147	31	37	5.6	8.5
M110-200	8", 200 mm	147	33	37	8.0	11.9

Opening gap mm: 2.5 ± 1

VespeL high temperature tweezers

This unique design handles a delicate and fragile semiconductor wafer gently but firmly and without excessive contact. The contact area is optically-polished to reduce surface particle counts. The wafer is never scratched in contrast to conventional metal tweezers.

VespeL with stainless steel

- Suitable for continuous use up to 288°C



Part number	Wafer diameter	Length mm	Weight g	Tip width mm	Top edge contact mm	Bottom edge contact mm
M800-200N	6", 150 mm 8", 200 mm	154	47	35	5.5	15.0

Opening gap mm: 3.0

Stainless steel tweezers



Part number	Wafer diameter	Length mm	Weight g	Tip width mm	Top edge contact mm	Bottom edge contact mm
W3WF	2", 50 mm	132	30	9.5	2.5	10.0
W4WF	4", 100 mm	132	30	12	2.5	9.0
W5WF	5", 125 mm	132	30	16	2.5	8.5
W6WF	6", 150 mm	132	32	20	2.5	8.5