

3M™ Diamond Pad Conditioner E3910



Introduction

Highly engineered pad conditioners deliver reliable performance for critical semiconductor CMP applications. Utilizes Sintered Abrasive Technology for superior diamond retention, with controlled diamond placement and protrusion.

Features and Benefits

- Helps to reduce the number of maintenance shutdowns, increasing the potential for lower cost of ownership
- Optimized for extended pad and disk life
- Diamonds secured with both chemical and mechanical bonds for superior retention

3M Stock #:

60-0200-1615-4

General Description

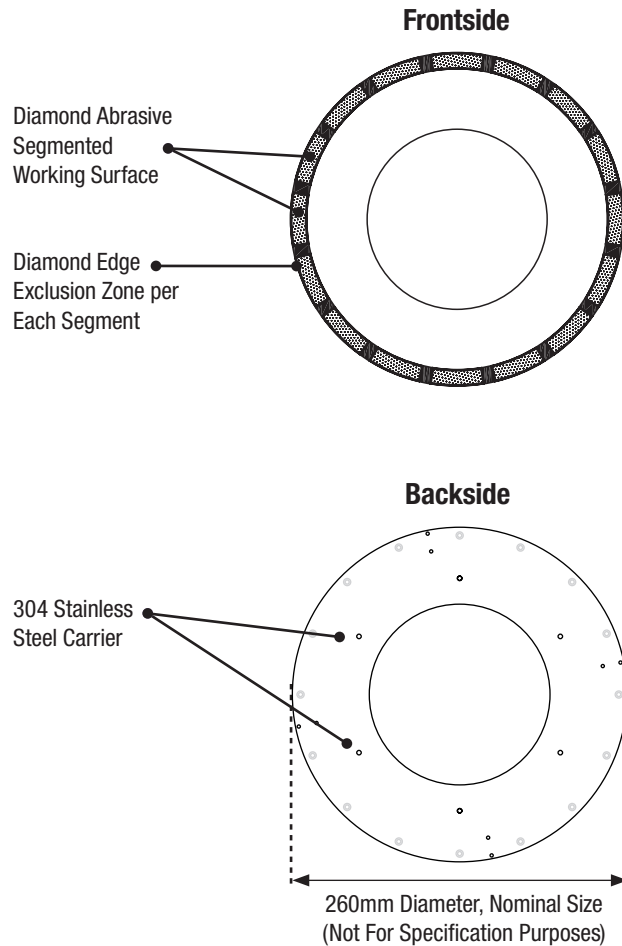
Product Type	Diamond Pad Conditioner
Product ID	3M™ Diamond Pad Conditioner Ring E3910
Manufacturer	3M Company
Manufacturing Location	Cottoage Grove, Minnesota, USA

Pad Conditioner Construction

Carrier (substrate material)	304 SS
Carrier Format	Ring
Carrier Size (diameter, nominal size)	260 mm
Abrasive Material	Nickel based alloy with patterned diamond
Abrasive Working Surface	Segmented

Design Parameters

Diamond Size (nominal size)	251 µm
Diamond Type	Type 8, sharp
Diamond Pattern Type	Square array
Flatness	<100 µm
Aggressiveness Value (BL)	200-300



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Electronics Materials Solutions Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
1-800-251-8634 phone
651-778-4244 fax
www.3M.com/electronics

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