

Standard Circular Spin Chucks

For Cee® Equipment



The Cee® Equipment product portfolio offers over 8,000 spin chuck designs that can accommodate a wide range of substrate sizes, shapes, or materials. In-house mechanical engineers are available to modify existing concepts or create custom spin chuck designs, per specific customer requests.

Serving the Semiconductor Industry Since 1987



BENEFITS

- Securely holds standard circular substrates at high speeds
- No physical deformation or thermal imprinting concerns
- Genuine Cee® spin chucks guarantee optimal performance
- Standard circular vacuum chucks are in stock

CHUCK DESIGN

- Delrin® construction for chemical compatibility
- Optional materials include Kynar® (PVDF), Teflon® (PTFE), stainless steel, PEEK, and anodized aluminum
- Unique and proprietary vacuum groove arrangement
- Ultra-flat design eliminates runout or vibration
- Custom designs are available

APPLICATION NOTES

- Use of a centering device ensures accurate and repeatable centering of circular substrates
- Chuck size depends on substrate size. Refer to table below.
- For processing irregularly shaped, or other non-standard substrates see our complete line of captive and recessed spin chuck designs

Cee® Recommended Sizes for Diameter of Substrates

Physical Chuck Diameter	Recommended Substrate Diameter Range
1/8" (0.125") External O-Ring	3mm-9.5mm/0.125"-0.375"
5/16" (0.312") External O-Ring	9mm-26mm/0.375"-1.0"
0.75" Circular Vacuum	25mm-38mm/1.0"-1.50"
1.0" Circular Vacuum	32mm-50mm/1.25"-2.0"
1.5" Circular Vacuum	45mm-77mm/2.0"-3.0"
2.25" Circular Vacuum	77mm-127mm/3.0"-5.0"
4.0" Circular Vacuum	125mm-200mm/5.0"-8.0"
6.188" Circular Vacuum	200mm-300mm/8.0"-12.0"

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