



Deburring & Grinding Tool

Pneumatic spindle-ARC100



Good for small burrs on complex curved edges



Straight hole



Round hole



Outer circle



Cross



Hole back



Inner circle



Straight strip



Keyway

Features

ARC100 is a pneumatic compliance force tool with 360° radial compliance, featuring a built-in 65,000 RPM ultra-high-speed spindle. It is designed for light-duty deburring and fine grinding on small parts and detailed areas. With stable and adjustable compliance force, its stroke compensates for edge interference and contact variation, making it ideal for high-sensitivity robotic finishing applications.

Applicable Materials

Aluminum, Copper, Steel.

Function	Pneumatic Grinder
Collet Size	Φ3/ Milling Bur
Compliant Pressure	0.2-0.5 MPa (2-5 bar)
Compliant Stroke	Radial 3.5°
Compliant Force	2-10 N
Power	N/A
Spindle Pressure	0.6 MPa (6 bar)
Weight	1.3 kg (2.87 lbs)
Dimensions (L x W x H)	195 x 82 x 92 mm (7.68 x 3.23 x 3.62 in)
Speed	65,000 RPM
Air Consumption	150 LPM (L/min)

