

Deburring & Grinding Tool

Pneumatic file machine-ALRC300S



Good for Large Burrs on Complex Curved Edges



Straight hole



Round hole



Outer circle



Inner circle



Cross



Hole back



Straight strip



Keyway

Features

LRC300S is a pneumatic compliance module with linear and 360° radial compliance, offering up to 46N of force. Both axes are independently adjustable, ideal for deburring and fine finishing in tight gaps and on complex or irregular surfaces.

Applicable Materials

Aluminum, copper, steel.

Function	Pneumatic Grinder
Collet Size	Φ6 / End Mill
Compliant Pressure	0.2-0.5 MPa (2-5 bar)
Compliant Stroke	Axial 5 mm / Radial 5°
Compliant Force	Axial 10-22/Radial 18.4-46N
Power	0.5 kW
Spindle Pressure	0.6 MPa (6 bar)
Weight	4.2 kg (9.3 lbs)
Dimensions (L x W x H)	198 x 130 x 138 mm (7.8 x 5.1 x 5.4 in)
Speed	16000RPM
Air Consumption	730LPM (L/min)

Linear and radial compliance can be independently controlled without mutual interference, ensuring accurate surface finishing.

