

## Deburring & Grinding Tool

### Pneumatic file machine-ALRC300M



Good for Large Burrs on Complex Curved Edges



Straight hole



Round hole



Outer circle



Inner circle



Cross



Hole back



Straight strip



Keyway

### Features

LRC300M is a standard pneumatic compliance module with linear and 360° radial axes. Both forces are independently adjustable. Its longer spindle reduces interference, ideal for robotic deburring and finishing of complex parts across workstations.

### 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 9.6-24N                  |
| Power                     | 0.5 kW                                        |
| Spindle Pressure          | 0.6 MPa (6 bar)                               |
| Weight                    | 4.4 kg (9.7 lbs)                              |
| Dimensions<br>(L x W x H) | 296 x 130 x 138 mm<br>(11.65 x 5.12 x 5.4 in) |
| Speed                     | 16000RPM                                      |
| Air Consumption           | 710LPM (L/min)                                |

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

