



## Deburring & Grinding Tool

### Pneumatic file machine-ARC100F



Good for small burrs on complex curved edges



90° inner  
angle



Straight hole



Round hole



Outer circle



Inner circle



Cross



Hole back



Straight strip



Keyway

## Features

RC100F is a pneumatic tool with 360° radial compliance, designed for file-type tools. It delivers stable, adjustable force for precise deburring in tight corners, small parts, and contoured surfaces requiring consistent, high-sensitivity finishing.

## Applicable Materials

Aluminum, copper, steel, plastic, composite materials, wood

| Function                            | Pneumatic File                                 |
|-------------------------------------|------------------------------------------------|
| Collet Size                         | Φ6 / File                                      |
| Compliant Pressure                  | 0.2-0.5 MPa (2-5 bar)                          |
| Compliant Stroke                    | Radial 3.5°                                    |
| Compliant Force                     | 12-30 N                                        |
| Power                               | N/A                                            |
| Spindle Pressure                    | 0.6 MPa (6 bar)                                |
| Weight                              | 3 kg (6.61 lbs)                                |
| Dimensions<br>(L x W x H)           | 300 x 130 x 138 mm<br>(11.81 x 5.12 x 5.43 in) |
| Reciprocating Frequency /<br>Stroke | 5000BPM / 10 mm                                |
| Air Consumption                     | 140 LPM (L/min)                                |

Optional: A high-force compliance version is available for large or high-hardness workpieces.

