



Deburring & Grinding Tool

Air shear machine-AC100F



 Good for Large Burrs on Complex Curved Edges



90° inner
angle



Straight hole



Round hole



Outer circle



Cross



Hole back



Straight strip



Keyway

Features

AC100F is a pneumatic compliance tool for file-type deburring. It offers stable, adjustable force and angular compliance. The stroke adapts to surface variations, ensuring consistent pressure. Compact design fits space-constrained automation systems.

Applicable Materials

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

Function	Pneumatic File
Collet Size	Φ6 / Flat File
Compliant Pressure	0.2-0.5 MPa (2-5 bar)
Compliant Stroke	+ -5.5°
Compliant Force	6-15 N
Power	N/A
Spindle Pressure	0.6 MPa (6bar)
Weight	2 kg (4.41 lbs)
Dimensions (L x W x H)	300 x 100 x 134 mm (11.81 x 3.94 x 5.28 in)
Reciprocating Frequency/Stroke	5000BPM/10mm
Air Consumption	140LPM(L/min)

