



ARFU END MILL GRINDER

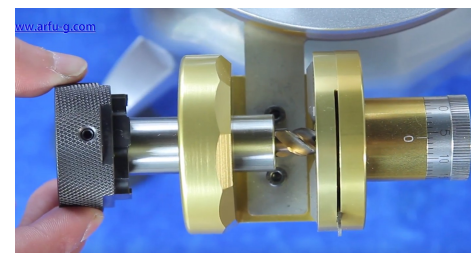
EG-12 & EG-20 Precision Endmill Grinder can sharpening of 2 flutes, 3 flutes & 4 flutes carbide and HSS endmill cutter .
It's easy to operate and it tip height can be control in 10 micron after re-sharpening .
The endmill can re-use in roughing and semi finishing in order the bring down the tooling cost .
It was an essential product for the metalworking industry .

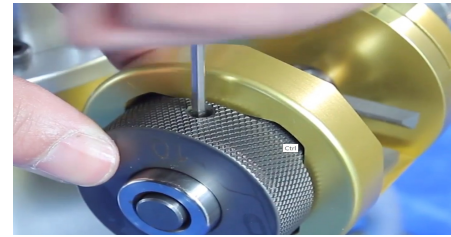
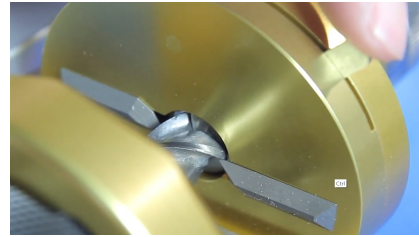
Model : EG-12

Diameter Applicable : $\Phi 2\sim\Phi 12$

Model : EG-20

Diameter Applicable : $\Phi 12\sim\Phi 20$





OPERATION GUIDE :

First , Setting up the used end mill for re-sharpen .

Selecting the sleeve and fixture block matching to the end mill .

Example : 4 flutes Φ 10 End Mill . Select ID 10mm Sleeve and Fixture Block for 4 flutes end mill .

- Mounting the end mill into the sleeve , leave 20mm allowance from blades and tighten it up .
- Put the sleeve into the tool setting device .
- Put the fixture block from the end of the sleeve close to the tool setting device pocket , the screw hole should be face on top .
- Then adjust the grinding meter according to the wear off the end mill condition .
- Lift up stopper , rotating the end mill untill the blade match to the stopper .
- Tighten the fixture block then the first step was complete .

Second , Re-shapening . (There are 3 process to complete.)

Process 1 , grind the rake angle . (PORT 1)

Switch on the power .

Plug in the end mill into the correct grinding hole according to your end mill diameter .

(Port 1 on the left for Φ 2~ Φ 5 , Port 1 on the right for Φ 6~ Φ 12)

Plug in end mill slowly up to grinding wheel until the end , swing the end mill slowly to grind up the rake angle .

Pull out and repeat the process to all cutter flutes .



Process 2 , Grind the secondary angle . (PORT 2)

Plug in end mill slowly up to grinding wheel until the end , swing the end mill slowly to grind up the secondary angle .

Pull out and repeat the process to all cutter flutes .

Process 3 , Grind the primary angle . (PORT 3)

Plug in end mill slowly up to grinding wheel until the end , swing the end mill slowly to grind up the primary angle .

Sheet1

Pull out and repeat the process to all cutter flutes .

End Mill Re-Shapening Complete .

Maintenance and Replace the Grinding Wheel :

1. Loose the screws (4 pcs) and remove the cover .
2. Take out the grinding wheel .
3. Clean the dust .
4. Replace with a new grinding wheel .
5. Mounting the cover back and tighten up .
6. Grinding wheel replace and maintenance complete .

Others :

1. It is normal that the grinding wheel take time 2 to 3 second to spinning while switch on the power .
Please do not frequency to on/off power .
2. Patent product , for keep the machine precisely , please use the original genuine parts.
3. Please do not dismantle other portion except the cover only in order to keep machine working well.
4. Using a non genuine grinding wheel , not only will affect the grinding outcome , also will bring damage to the machine .