



# Precision End Mill Grinder

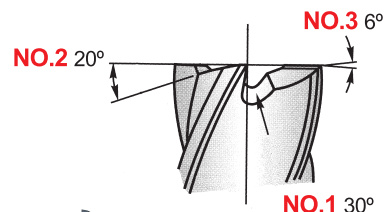


ORDER NO. VEG-13 CODE NO. 8001-510



**For End Mill Re-sharpening , 2 , 3 , 4 Number Flute Precision, Efficient, Easy operation, Reasonable price, Short processing time, Grinding Diameter from 4-13 mm. Reasonable Price, Fast**

1. High Efficiency, High Quality Grinding Slip, Good Grinding Results
2. Quality Assurance: ±0.02mm
3. Easy Operation, For Urgent Need, Low cost, Save Money



ORDER NO.	CAPACITY END Mill DIA.	MOTOR	SPEED	POWER	AXIAL-ANGLE	CODE NO.
VEG-13	Ø4~Ø13mm	450W	6000rpm	AC-110V or 220V 1PH 50/60HZ	NO.1 END MILL FLAT SLOT ANGLE 30° NO.2 SECOND RADIAL ANGLE 20° NO.3 CUTTING ANGLE 6°	8001-510

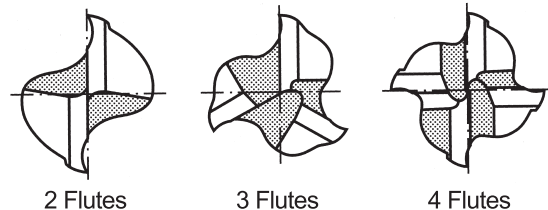
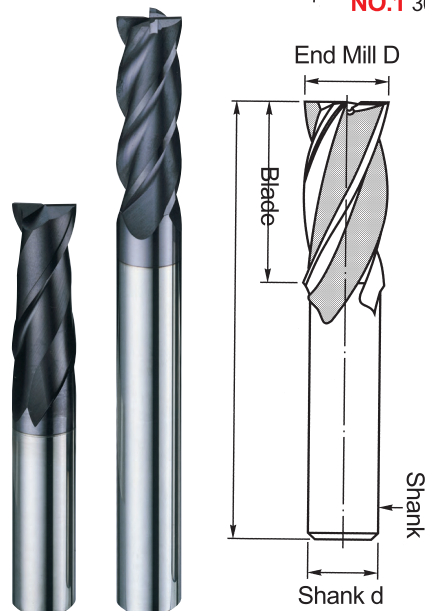
WEIGHT 17kgs PACKING SIZE 320x260x300mm

### Accessories

- Diamond Grinding Wheel: SDC 300 x1 For Ø4~Ø6mm  
SDC 300 x1 For Ø8~Ø13mm
- Grind Holder Unit: Square Type For 2 & 4 Flutes End Mill x1 Set  
Hex. Type For 3 Flutes End Mill x1 Set
- ER-20 Collet: Ø4,Ø5,Ø6,Ø7,Ø8,Ø9,Ø10,Ø11,Ø12,Ø13 mm, 10pcs/set
- Wrench: 1pc

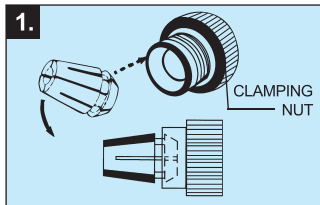
### Optional Accessories

ORDER NO.	Grind Wheel	CODE NO.
VEG-13D	CBN 300 x 1 For Ø4~Ø6mm	8001-511
VEG-13E	CBN 300 x 1 For Ø8~Ø13mm	8001-512
VEG-13T	SBC 200 x For 2 Flute Ø4~Ø13mm	8001-513

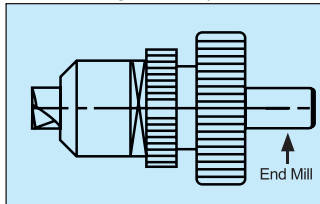




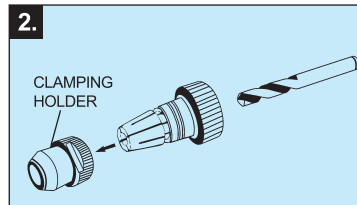
## A. HOW TO INSTALL HOLDER UNIT FOR END MILL



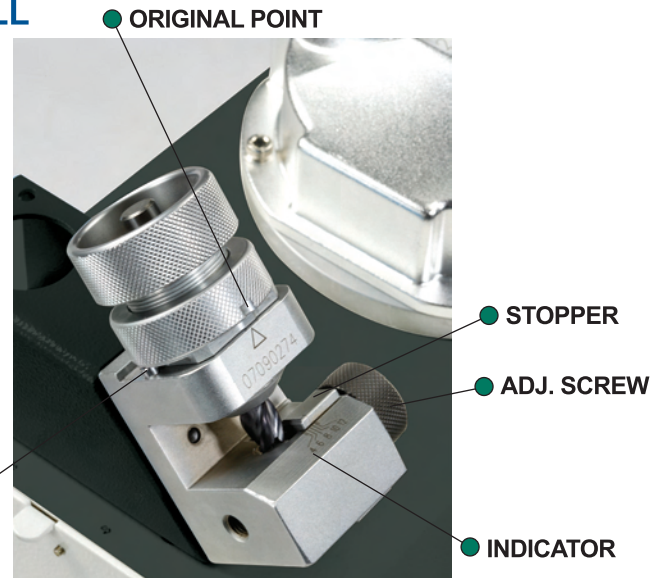
Please confirm the drill size and pick up proper collet. Assemble collet into clamping nut by 45 degree. (Before insert the drill into the clamping holder.)



HOLDER UNIT



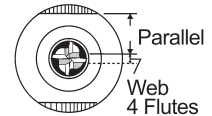
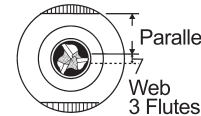
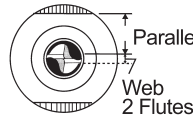
Insert the drill, lock the clamping holder but not tightened, allow the drill can still move. Insert the end mill, lock the clamping Holder, let the end mill blade length 35mm out, (don't tightened the clamping Holder)



## B. HOW TO SET THE HOLDER UNIT AT THE CHECKING STOCK (For length and Angle Setting)



- 1 Turn the Adjust screw to the Indicator for the end mill size.
- 2 Place Clamping unit and aim the original point at the checking stock and insert stopper until the end mill is touching the bottom.
- 3 Turn the Holder unit clockwise, and touch against PIN, turn the end mill clockwise touch against stopper.
- 4 Tighten the holder unit and take out all unit. And make sure the Holder unit tightened.

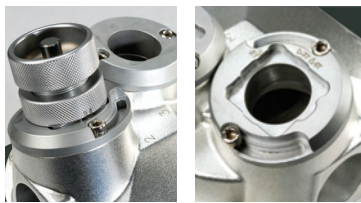


## C. HOW TO GRIND NO.1. END MILL FLUTE SLOT ANGLE 30°



- 1 Aim the original point at hole on No.1 to grind end mill Flute Slot Angle 30°
- 2 Insert the holder and touch against the No.1 surface, until the grind noise is off.
- 3 Take out turn 180° and continue to grind next Flute, repeat these step by turning 90° and insert.

## D. HOW TO GRIND END MILL'S NO.2. SECOND RIDIAL ANGLE 20° BACK ANGLE



- 1 Insert the Holder unit and aim the original point at screw, touch the No2's surface until the grinding noise is off.
- 2 Take out and insert, repeat these steps if you want to grind 4 Flutes, you must complete 4 times grind process.
- 3 Movable Stock, 2T is for 2 Flute, 3T is for 3 Flute, 4T is for 4 Flute, please loosen 2 screws when grind different Flutes (choice from 2,3,4 Flutes). When grinding, please note:  
2 Flutes, turn all the way down to the end of the screw track until the 2T mark is match with screw.  
3 Flutes, turn until the 3T mark is match with screw

## E. HOW TO GRIND END MILL NO.3. CUTTING ANGLE 6°



- 1 Place the Holder unit aim the original point at screw and insert into No3.
- 2 Touch against the No3. surface until the grinding noise is off
- 3 Now move the Holder unit right and left.
- 4 Repeat these steps to complete 4 Flutes grind process.

## F. HOW TO CHANGE GRIND WHEEL



- 1 Use 4mm Hex. Wrench, take out 3 screws of grinding stock, remove the grinding stock.
- 2 Take out the locking grind wheel and remove the grind wheel.
- 3 Replace the old one with a new grind wheel.
- 4 Lock back the screw, install the grinding stock and lock 3 screws.