

DRILL GRINDER ALL New Model (More precision, more convenient)

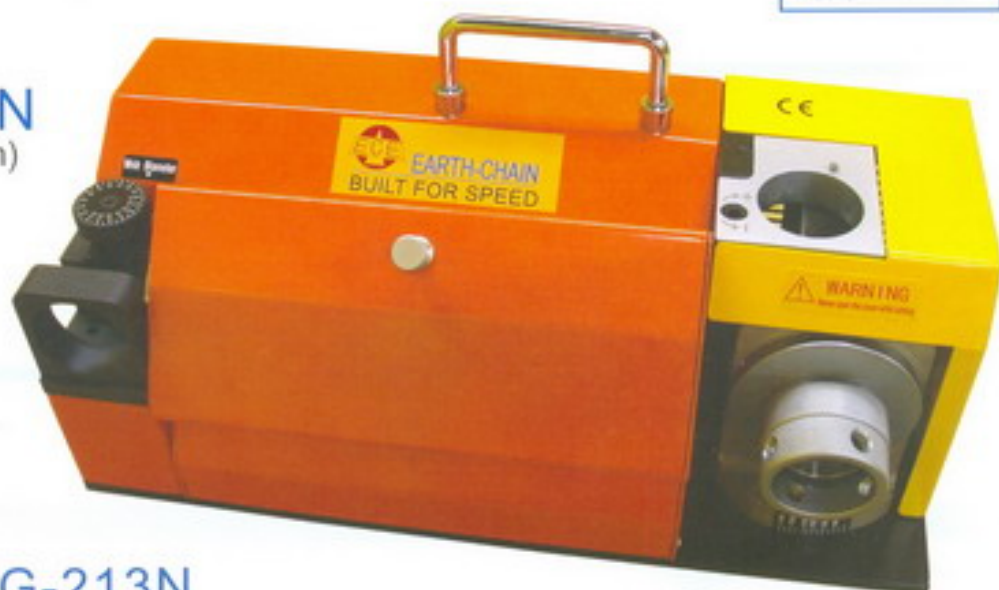
10 Seconds for grind a precision drill in a experter



EDG-1226N (ϕ 12mm- ϕ 26mm)



15pcs ER collet



EDG-213N (ϕ 2mm- ϕ 13mm)



CBN Wheel



12pcs ER collet



Easy to operate, no experience required for grind a precision drill.

Model No.	EDG-213N
Capacity	ϕ 2mm- ϕ 13mm
Drill Angle	90° -135°
Grinding Wheel	CBN # 230(For HSS Drill)
Motor	1/3HP 250W
Power Supply	AC110V / AC220V Single Phase
R.P.M.	5500 R.P.M.
Weight	8.5kg

Standard Accessories

ER collets ϕ 2mm-- ϕ 13mm(12pcs)
CBN Wheel # 230 \times 1pc (For HSS drill)
Hexagon Wrench 4mm \times 1pc, 5mm \times 1pc

Option Accessories

Order No.	Description
EDG-213-1D	SDC Wheel # 230(For Carbide drill)
EDG-213-1C	CBN Wheel # 230(For HSS drill)
EDG-213-2C	CBN Wheel # 300 (For HSS drill under ϕ 5mm)

Model No.	EDG-1226N
Capacity	ϕ 12mm- ϕ 26mm
Drill Angle	90° -135°
Grinding Wheel	CBN # 150(For HSS Drill)
Motor	1/2HP 450W
Power Supply	AC110V / AC220V Single Phase
R.P.M.	4500 R.P.M.
Weight	26kg

Standard Accessories

ER collets ϕ 12mm-- ϕ 26mm(15pcs)
CBN Wheel # 150 \times 1pc (For HSS drill)
Hexagon Wrench 4mm \times 1pc, 6mm \times 1pc

Option Accessories

Order No.	Description
EDG-1226-1D	SDC Wheel # 200(For Carbide drill)
EDG-1226-1C	CBN Wheel # 150(For HSS drill)

New Design

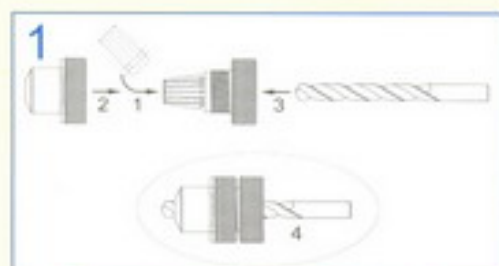
Collet Holder: bearing assembled
(More easy & convenient for tightening)



Grinding Base: bearing assembled
(More precision and stable for grinding)



OPERATIONS



1. Set up the drill to the collet holder.

Follow up the steps 1,2,3,4 for set up the drill to the collet holder.(without tightening) ***See as the picture 1

2. Set up the diameter of drill

- ① Turn right the scale annulus to be "0" position
 - ② Adjust the scale to meet the diameter of the drill.
- ***See as the picture 2

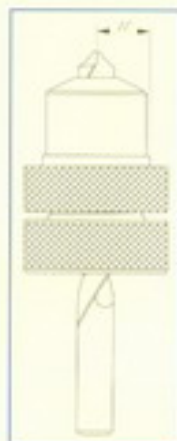
3. Set up the drill to the grinding position.

Insert the collet holder with drill and turn right, then tight the drill by collet holder for set up the grinding position.

***See as the picture 3

Attn: The scale annulus maybe not exact for the drill diameter, because of used drill or different model of drill. Any how, please always check the center edge of drill must be parallel with the gap of "Collet Holder"

See as the drawing at right side



4. Grind the drill tip

- ① Turn on the power of the grinder
- ② Insert the collet holder with drill and reach go to the grinding wheel slowly, then move left and right repeatedly to sharpen the drill until the grinding sound is disappear.
- ③ Take out the collet holder with drill and change the other side to grind again at same way as above metioned.

***See as the picture 4

5. Center Point Grinding Base adjusting

Adjust the center point grinding base to the suitable position.

Turn right for bigger, turn left for smaller. ***See as the picture 5

6. Grind the center point of drill

- ① Insert the collet holder with drill and reach go to the grinding wheel slowly, then move left and right repeatedly to grind the center point of drill until the grinding sound is disappear.
- ② Take out the collet holder with drill and change the other side to grind again at same way as above metioned.

***See as the picture 6



The center point suitable for hard steels ...etc hard materials.



The center point suitable for general materials such as iron, general steel and brass...etc.



The center point suitable for soft materials such as copper, aluminum, plastic...etc.

***Please clean the grinding chip often for avoid the chip scrape to the grinding base and keep using life.



Schwalowsky

E-mail: Schwalowsky@t-online.de
Internet: www.Schwalowsky.de