DRILL GRINDER & END MILL RE-SHARPENER EASY FAST PRECISION

DRILL GRINDER



EDG-213N (\$\$\phi\$ 2mm-\$\$\$\$13mm) END MILL RE-SHARPENER



EMG-413 (\$\phi 4mm-\$\phi 13mm)



SG DRILL GRINDER

DRILL GRINDER

EDG-1226N

 $(\phi 12mm - \phi 26mm)$

EDSG-313 (\$\phi 3mm-\$\phi 13mm) END MILL RE-SHARPENER



EMG-1225(\$\phi\$12mm-\$\phi\$25mm\$)

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





2009/02

DRILL GRINDER

(EASY FAST PRECISION) 10 Seconds for grind a precision drill in a experter

EDG-1226N

 $(\phi 12mm - \phi 26mm)$

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EDG-213N $(\phi 2 \text{mm} - \phi 13 \text{mm})$



Easy to operate, no experience required

Model No.	EDG-213N	Model No.	E
Capacity	ϕ 2mm ~ ϕ 13mm	Capacity	φ12r
Drill Angle	90° ~ 135°	Drill Angle	9
Grinding Wheel	CBN#200 (For Hss Drill)	Grinding Wheel	CBN#15
Motor	1/3HP 250W	Motor	1/:
Power Supply	AC110V / AC220V Single Phase	Power Supply	AC110V / A
R.P.M	5500 R.P.M.	R.P.M	45
Weight	8.5kg	Weight	
Standard Ac	cessories	Standard Ac	cessories

Standard Accessories

ER collets ϕ 2mm ~ ϕ 13mm(12pcs) CBN Wheel #200×1pc(For Hss drill) Hexagon Wrench 4mm×1pc 5mm×1pc

Option Accessories

Order No.	Description	Order No.	Description
EDG-213N-1D	SDC Wheel #400(For Carbide drill)	EDG-1226N-1D	SDC Wheel #200(For Carbide drill)
EDG-213N-1C	CBN Wheel #200(For HSS drill)	LDG-122010-1D	SDC Wheel #200(1 of Carbide drill)
EDG-213N-2C	CBN Wheel #400 (For HSS drill under ϕ 5mm)	EDG-1226N-1C	CBN Wheel #150(For HSS drill)

for grind a precision drill.			
EDG-1226N	NEW Design		
ϕ 12mm ~ ϕ 26mm	HEIT Boolgi		
90° ~ 135°	Collet Holder : bearing assembled (More easy & convenient for tighting)		
CBN#150 (For Hss Drill)	(more easy a convenient for fighting)		
1/2HP 450W			

AC110V / AC220V Single Phase 4500 R.P.M. 26kg

ER collets ϕ 12mm ~ ϕ 26mm(15pcs)

CBN Whee] #150×1pc(For Hss drill)

Hexagon Wrench 4mm×1pc 6mm×1pc

Option Accessories





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 tighting) ***as shown on diagram #1

2.Set up the diameter of dril

1) Turn right the scale annulus to be "0" position 2 Adjust the scale to meet the diameter of the drill. ***as shown on diagram #2

3.Set up the drill to the grinding

Insert the collet holder with drill and turn right, then tight the drill by collet holder for set up the grinding position. ***as shown on diagram #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" ***as shown on the right diagram.



4.Grind the drill tip

1) Turn on the power of the grinder.

2 Insert the collet holder with drill and push to the grinding wheel slowly, then move left and right repeatedly to sharpen the drill until the grinding sound disappeared.

³Take out the collet holder with drill and change to the other side to grind again in same way as above mentioned. ***as shown on diagram #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. ***as shown on diagram #5

6. Grind the center point of drill

(Insert the collet holder with drill and push to the grinding wheel slowly, then move left and right repeatedly to grind the center point of drill until the grinding sound disappeared . 2 Take out the collet holder with drill and change to the other

side to grind again in same way as above mentioned. ***as shown on diagram #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.

GR DRILL GRINDER (EASY FAST PRECISION)









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

Model No.	EDSG-313	Motor	200W
Capacity	ϕ 3mm ~ ϕ 13mm	R.P.M.	4500 R.P.M.
Drill Angle	135°	Weight	12.8 kg
Power Supply	AC110V / AC220V Single Phase 50Hz/60Hz	Grinding Wheel	CBN#250

Standard Accessories

ER collets ϕ 3mm ~ ϕ 13mm (11pcs)

CBN Wheel#250×1pc and #400×1pc(For Hss drill)

Hexagon Wrench 4mm×1 pc, 5mm×1 pc

NEW Design

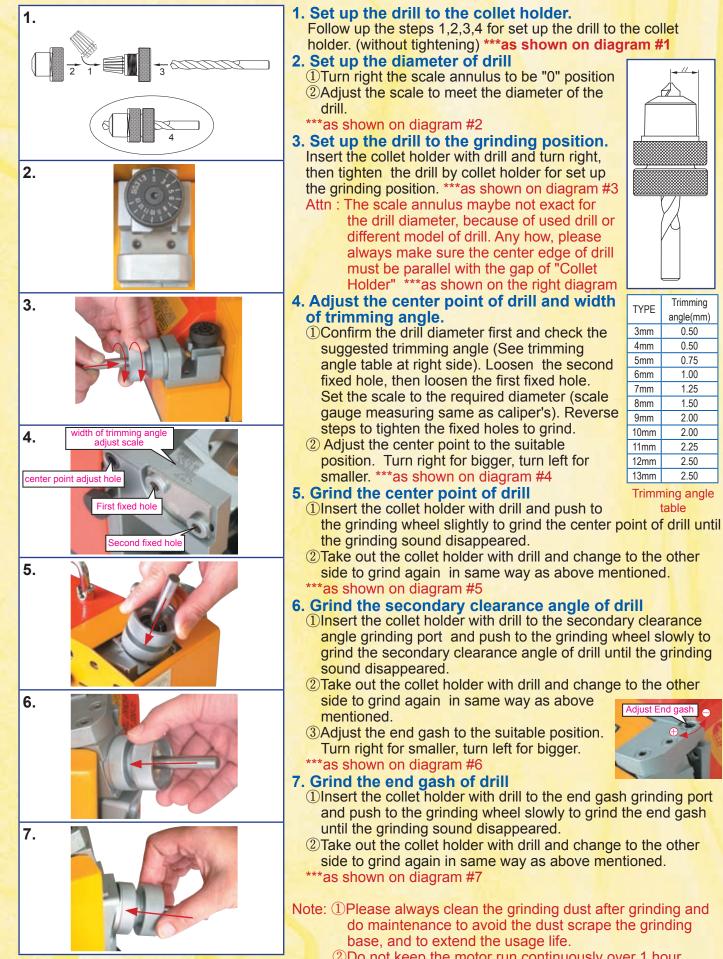
EDSG-313





This machine is guaranteed for one year under normal operating (expendable parts and wheels are exceptions)

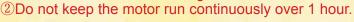
OPERATIONS





Trimming angle(mm)

- Trimming angle
- (1)Insert the collet holder with drill to the secondary clearance angle grinding port and push to the grinding wheel slowly to grind the secondary clearance angle of drill until the grinding
- (2) Take out the collet holder with drill and change to the other
- (1)Insert the collet holder with drill to the end gash grinding port and push to the grinding wheel slowly to grind the end gash
- ⁽²⁾Take out the collet holder with drill and change to the other
- Note: ①Please always clean the grinding dust after grinding and do maintenance to avoid the dust scrape the grinding



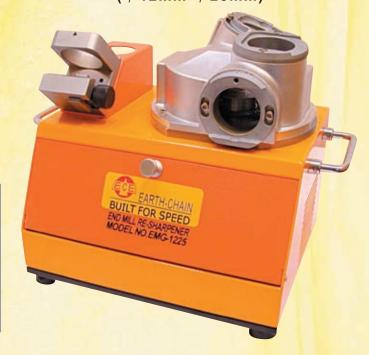
END MILL RE-SHARPENER (EASY FAST PRECISION)



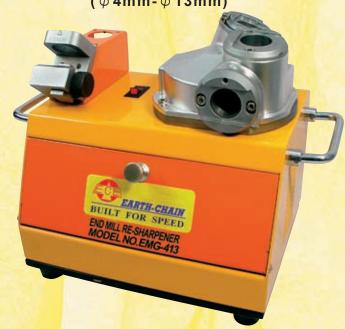




SDC Wheel forψ4mm-ψ5mm 2 pcs SDC Wheels included **EMG-1225** $(\phi 12mm - \phi 25mm)$



EMG-413 $(\phi 4mm - \phi 13mm)$







 SDC Wheel for φ 4mm-φ 5mm
 SDC Wheel for φ 6mm-φ 13mm

 2 pcs SDC Wheels included (For carbide End Mill only)

END MILL RE-SHARPENER (EASY FAST PRECISION)

Model NO.	EMG-413	EMG-1225	
Capacity	φ4mm - φ13mm	ϕ 12mm - ϕ 25mm	
Drill Angle	6° 🔂 20°	30°	
Crinding	SDC Wheel #300 for ϕ 4mm- ϕ 5mm	CBN #150x1PC	-
Grinding Wheel	SDC Wheel #300/#120 for ϕ 6mm- ϕ 13mm	SDC #150x1PC	_
Motor	3/4 HP 450W	1000W	
R.P.M.	6000 R.P.M.	4300 R.P.M.	φ1
Power Supply	AC110V or AC220V Single	Phase	
Weight	17 KGS	31 KGS	



Standard Accessories

Model NO.	EMG-413	EMG-1225
ER collets	ϕ 4mm - ϕ 13mm × 10pcs	ϕ 12mm - ϕ 25mm × 6pcs
SDC Wheel	#300 × 1pcs (ϕ 4mm ϕ 5mm)	CBN #150x1PC
SDC Wheel	#300 #120 × 1pcs (ϕ 6mm ϕ 13mm)	SDC #150x1PC
Collet Holder	1pc(for 2 and 4 flutes End Mill)	1pc(for 2 and 4 flutes End Mill)
Collet Holder	1pc(for 3 flutes End Mill)	1pc(for 3 flutes End Mill)
Hexagon Wrench	4mm × 1pc	4mm × 1pc





collets Holder

Option Accessories

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Model NO.	Description	
EMG-413-1D	SDC Wheel #300 (for ϕ 4mm- ϕ 5mm)	
EMG-413-2D	SDC Wheel #300/#120 (for ϕ 6mm- ϕ 13mm)	
EMG-413-1C	SBN Wheel #300 (for ϕ 4mm- ϕ 5mm)	
EMG-413-2C	SBN Wheel #300/#120 (for ϕ 6mm- ϕ 13mm)	
EMG-1225-1D	SDC Wheel #150	
EMG-1225-1C	SBN Wheel #150	
***SDC Wheel for carbide End Mill. ***CBN Wheel for HSS End Mill.		







EMG-413-1C



EMG-1225-1C EMG-1225-1D SDC and CBN Wheel