



Precision Drill Grinder

ORDER NO. VDG-13
 CODE NO. 8001-012
 ORDER NO. VDG-20
 CODE NO. 8001-013
 ORDER NO. VDG-25
 CODE NO. 8001-014



HOLDER UNIT
 FOR COLLET & DRILL



INDICATOR
 THE NUMBER FOR
 DRILL DIAMETER



COLLET SHEATH

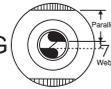
Ⓒ GRINDER STOCK
 FOR DRILL CENTER POINT

DIAMOND WHEEL COVER

⒱ GRINDER STOCK
 FOR DRILL WEB

ANGLE INDICATOR 118°~135°
 FOR CENTER POINT ANGLE

CHECKING STOCK
 FOR SET THE DRILL OF LENGTH
 & THE WEB BLADE PARALLEL
 WITH THE SLOT OF CLAMPING
 HOLDER.



For Drill Reshaping

Precision, Efficient, Easy Operation, Reasonable Price, Fast

1. High Efficiency, High Quality Grinding Slip, Good Grinding Results
2. Quality Assurance
3. Easy Operation, For Urgent Need
4. Considerable Design, Invisible Tool Box, Delicate & Friendly Use
5. Peerless, Super Function, Durable

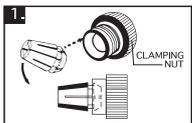
ORDER NO.	COTTET TYPE	COLLET Q'TY	MAX. DIA
VDG-13	ER-20	11pcs	Ø13
VDG-20	ER-32	13pcs	Ø20
VDG-25	ER-40	14pcs	Ø25

DRILL DIAMETER	φ 2.0~ φ 13.0	NET WEIGHT	AC-110:8.5kgs AC-220:9.5kgs
CENTER POINT ANGLE	118°~ 135°	OVERALL DIMENSIONS	W282 x D185 x H110 m/m
POWER SUPPLY	AC-110 or 220 1PH	STANDARD ACCESSORIES	ALLOY STEEL COLLET ER-20 COLLET x 11pcs Ø3 ,4 ,5 ,6 ,7 ,8 ,9 ,10 ,11 ,12 ,13, EACH ONE
R.P.M. OF MOTOR	5100 R.P.M.		COLLET Holder x 1 unit
GRINDING WHEEL	CBN #200		4mm Hexagon wrench x1 pcs for change wheel

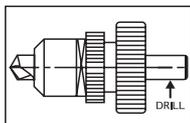
Optional

Alloy Steel Collet:ER-20, Ø3.5 ,4.5 ,5.5 ,6.5 ,7.5 ,8.5, 9.5 ,10.5 ,11.5, 12.5

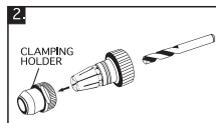
A. HOW TO USE HOLDER UNIT FOR COLLET & DRILL



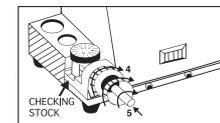
COLLET MUST BE ASSEMBLED INTO THE CLAMPING NUT WITH 45° ANGLE.(BEFORE INSERTING INTO THE CLAMPING HOLDER)



HOLDER UNIT



1.INSERT THE DRILL INTO THE COLLET
 2.PUT THE CLAMPING NUT INTO THE CLAMPING HOLDER



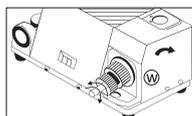
CHECKING STOCK

1. FIND THE DRILL DIAMETER.
2. SET THE INDICATOR OF SCALE NUMBER IS SAME AS DRILL DIAMETER.
3. PUT THE HOLDER UNIT INTO THE CHECKING STOCK. THE SLOT OF CLAMPING UNIT WILL MATCH INTO THE PIN OF CHECKING STOCK.
4. TURN HOLDER UNIT TO RIGHT.
5. PUSH THE DRILL TO TOUCH THE CHECKING STOCK, AND TURN THE DRILL TO RIGHT. THEN THE CLAMPING NUT TIGHTEN TO THE DRILL.

NOTE: MAKE SURE THAT THE WEB BLADE OF DRILL IS PARALLEL WITH THE SLOT OF CLAMPING HOLDER .

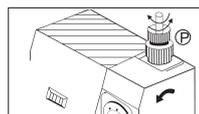
6. AFTER HAVING TAKEN OUT THE HOLDER UNIT.

C. HOW TO GRIND THE WEB OF DRILL



1. TURN ON THE POWER.
2. PUT THE HOLDER UNIT INTO THE GRINDER STOCK. THE SLOT MATCH WITH THE PIN AND LET THE DRILL REACH THE DIAMOND WHEEL CAREFULLY.
3. GRIND THE DRILL BY MOVING LEFT AND RIGHT TO SHARPEN. UNTIL THE GRINDING VOICE IS DISAPPEAR.
4. TAKE THE HOLDER UNIT TO THE OTHER SIDE TO GRIND THE OTHER SIDE WEB, BLADE,GRIND THE DRILL WITH THE SAME AS 3. WAY.

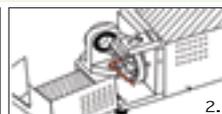
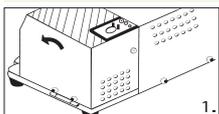
D. HOW TO GRIND THE CENTER POINT OF DRILL



1. TURN ON THE POWER.
2. PUT THE HOLDER UNIT INTO THE GRINDER STOCK THE SLOT MATCH WITH THE PIN .
3. MOVE THE LEFT AND RIGHT WAY TO SHARPEN.
4. TURN 180° OF HOLDER UNIT TO GRINDING THE OTHER SIDES WITH THE SAME WAY.

NOTE: UNDER Ø3 DRILL NO NEED TO GRIND THE CENTER POINT.

E. HOW TO CHANGE THE DIAMOND WHEEL



1. TAKE OUT THE DIAMOND WHEEL COVER.
2. TURN OUT THE SCREW ON THE CENTER OF DIAMOND WHEEL.