



Universal Cutter Grinder

ORDER NO.U2 CODE NO.1022-001



VERTEX®



For grinding HSS and carbide engraving cutter as well as single lip or multiple lip cutters of various shapes such as radiused cutters or negative taper angle of cutters. The universal index head is provided at 24 positions so that any particular angle or shape can be obtained, free 3600 or 100 rotation is allowed for grinding End Mills. Twist Drill. Lathe Tools, only replace the attachment to the index head without any complex setup.

Technical Data

Max. Collet capacity Ø18mm
Max. Grinding dia. Ø25mm
Taper angle 0°-180°
Relief angle 0°-45°
Negative angle 0°-26°
Grinding spindle 3600 r.p.m.
Cup grinding wheel 100x50x20mm
Motor 1/3Hp 220V/50/60Hz, please notify volt & phase
Net weight 45kgs
G.W.: 58kgs
Machine dimensions (LxWxH) 45x40x35cm
Packing Dimensions (LxWxH) 55x45x47cm

Standard Accessory Included

- Wheel dresser with diamond..... 1pc
- Wheel flange (mounted)..... 1pc
- Grinding wheel.....1pc (U2-G)
- Collet Ø4, 6, 8, 10 12mm..... 5pc
- Aligning finger.....1pc
- Drive belt (U2-B).....1pc (U2-B)
- Lock pin.....1pc
- Tools.....1set

Optional Accessory

- Twist drill grinding attachment U2-T
- END mill grinding attachment U2-E
- Lathe tool grinding attachment U2-L
- Grinding wheel balancing stand LBS-100 CODE NO. 2014-010
- Diamond grinding wheel U2-D
- Resinoid Diamond & CBN Wheels U2-R
- Collect (extra 1, 2, 2.5, 3, 5, 7, 9, 16, 18, 20, 25mm and 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8").
Detail specification & ORDER No. shown on page U2 collet.

ORDER NO.	CODE NO.
U2-E	1022-010
U2-T	1022-011
U2-L	1022-012
U2-D #100	1022-013
U2-B BELT	1022-014
U2-C CABINET	1022-015
U2-G WHEEL	1022-016
U2-R #200	1022-017
U2--R-1 #400	1022-017-1



- Tool cabinet stand U2-C, 900x500x400mm G.W.:40kgs
CODE NO. 1022-015



WEIGHT: 2kg



CODE NO. 1022-010 U2-E
END mill grinding attachment



WEIGHT: 0.9kg

CODE NO. 1022-011 U2-T
Twist drill grinding attachment



WEIGHT: 0.9kg

CODE NO. 1022-012 U2-L
Lathe tool grinding attachment



U2-D
WEIGHT: 0.7kg
1022-013



U2-R
WEIGHT: 0.5kg
1022-017

CODE NO. 1022-013
diamond grinding wheel
CODE NO. 1022-017
Resinoid Diamond & CBN Wheels

DIAMOND GRINDING WHEEL

ORDER NO.	SIZE	GRAIN
U2-D	100Dx10Wx5Ux20Hx22T	#100
U2-R	100Dx8Wx2Xx20H	#200
U2-R-1	100Dx8Wx2Xx20H	#400

ENGRAVING AND MILLING CUTTER PROFILES

