

GP Grinding Machine

For Drill and End Mill series



SUPER SIMPLE
SUPER EASY
SUPER FAST
SUPER EFFICIENCY

End Mill Grinder

GP-6 End Mill Resharpener



For $\Phi 3\text{mm} - 12\text{mm}$ End Mill Resharpener
Adjustable Cutting Face Angle
Adjustable Width of Cutting Face
SD#200 For Carbide / CBN#200 For HSS (Opt.)

GP-6 Standard accessories



GP-26 End Mill Resharpener



For $\Phi 10.0\text{mm} - 26\text{mm}$ End Mill Resharpener
Adjustable Cutting Face Angle
Adjustable Width of Cutting Face
SD#200 For Carbide / CBN#200 For HSS (Opt.)

GP-26 Standard accessories



Drill Bit Grinder

GP-1

Twist Drill Resharpener



- For $\Phi 2\text{mm}$ - 13mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-52

Twist Drill Resharpener



- For $\Phi 34.1\text{mm}$ - 52mm Twist Drill Resharpener
- Adjustable Point Angle 118° - 140°
- CBN#100 For HSS /SD#100 For Carbide (Opt.)

GP-20

Twist Drill Resharpener



- For $\Phi 2\text{mm}$ - 20mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)



- Collets: $\Phi 35\text{mm}$ - 52mm (Optional)
- Wooden box & Plastic box (Optional)

GP-21

Twist Drill Resharpener



- For $\Phi 12\text{mm}$ - 26mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-34

Twist Drill Resharpener



- $\Phi 12\text{mm}$ - 26mm 90° - 140°
- $\Phi 26.1\text{mm}$ - 32mm 118° - 140°
- $\Phi 32.1\text{mm}$ - 34mm 125° - 140°
- For $\Phi 12\text{mm}$ - 34mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

Dual Head Drill Bit Grinder

GP-7

Sheet Metal & Twist Drill Resharpener



- For $\Phi 3\text{mm}$ - 13mm Sheet Metal Drill Resharpener
- Adjustable Point Angle 165° - 180°
- For $\Phi 2\text{mm}$ - 13mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-27

Iron Frame Drill & Twist Drill Resharpener



- For $\Phi 12\text{mm}$ - 26mm Iron Frame Drill Resharpener
- Adjustable Point Angle 160° - 180°
- For $\Phi 12\text{mm}$ - 26mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-9

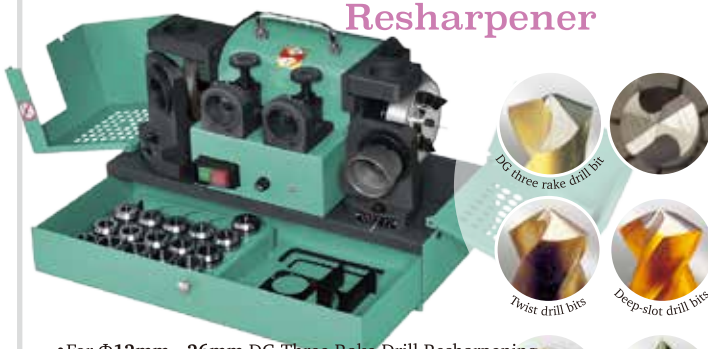
DG Three Rake Drill ES 7570P & Twist Drill Resharpener



- For $\Phi 2\text{mm}$ - 13mm DG Three Rake Drill Resharpener
- Adjustable Point Angle 118° - 140°
- For $\Phi 2\text{mm}$ - 13mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-29

DG Three Rake Drill ES 7570P & Twist Drill Resharpener



- For $\Phi 12\text{mm}$ - 26mm DG Three Rake Drill Resharpener
- Adjustable Point Angle 118° - 140°
- For $\Phi 12\text{mm}$ - 26mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-10

SG High Speed Drill ESS 7572P & Twist Drill Resharpener



- For $\Phi 3\text{mm}$ - 13mm SG High Speed Drill Resharpener
- Point Angle 135°
- For $\Phi 2\text{mm}$ - 13mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-12

SG High Speed Drill ESS 7572P & DG Three Rake Drill ES 7570P Resharpener



- For $\Phi 3\text{mm}$ - 13mm SG High Speed Drill Resharpener
- Point Angle 135°
- For $\Phi 3\text{mm}$ - 13mm DG Three Rake Drill Resharpener
- Point Angle 135°
- CBN#200 For HSS /SD#200 For Carbide (Opt.)

GP-61

Twist Drill & End Mill Resharpener

- For $\Phi 2\text{mm}$ - 13mm Twist Drill Resharpener
- Adjustable Point Angle 90° - 140°
- CBN#200 For HSS / SD#200 For Carbide (Opt.)
- For $\Phi 3\text{mm}$ - 12mm End Mill Resharpener
- Adjustable Cutting Face Angle and Width
- SD#200 For Carbide / CBN#200 For HSS (Opt.)



Special Drill Bit Grinder

SG & DG

GP-5

Sheet Metal Drill Resharpener



- For $\Phi 3\text{mm}$ - 13mm Sheet Metal Drill Resharpener
- Adjustable Point Angle 165° - 180°
- CBN#200 For HSS / SD#200 For Carbide (Opt.)

Sheet metal drill bits

GP-18

SG High Speed Drill ESS 7572P Resharpener



- For $\Phi 3\text{mm}$ - 13mm SG High Speed Drill Resharpener
- Point Angle 135°
- CBN#200 For HSS / SD#200 For Carbide (Opt.)

GP-19

DG Three Rake Drill ES 7570P Resharpener



- For $\Phi 3\text{mm}$ - 13mm DG Three Rake Drill Resharpener
- Point Angle 135°
- CBN#200 For HSS / SD#200 For Carbide (Opt.)

DG three rake drill bits

GP-22

Iron Frame Drill Resharpener



- For $\Phi 12\text{mm}$ - 26mm Iron Frame Drill
- Adjustable Point Angle 160° - 180°
- CBN#200 For HSS / SD#200 For Carbide (Opt.)

Iron frame drill bits

Cutting-Off Machine

Optional accessories

GP-13

Cutting-Off Machine

Dry
Cooling



GP-13 Standard accessories



- 1. Convenient Design**
X, Y axis workable professional structure enhanced high-performance cutting accuracy.
- 2. Cutting Capacity**
For GP-13 Cutting diameter: Φ3 ~ 16mm;
Cutting length of work-piece end: 15mmL/max
- 3. Patented Radius cutting by Dual-motor driver**
The hardened treatment steel is controlled well in virtue of natural dissipation characteristic, cutting time is greatly shortened as the work-piece is simultaneously rotated while cutting.
- 4. Quick-Work-Changing System**
The work-piece is quickly exchanged with prime quality 3-Jaw chuck system.
- 5. Cooling System**
Dry cooling is able to connect with various pressurized air and vacuum cleaner achieved perfect cooling effect.
- 6. Cutting Disc**
SD#100 for carbide, CBN#100 for HSS
- 7. Optional Grinding Wheel For GP-13**
SD#200 thickness 5mm, 10mm for carbide,
CBN#200 thickness 5mm, 10mm for HSS



Carbide end mill cutting efficiency on GP-13

- Φ 10mm 4 flute carbide end mill is cut by SD#100 cutting disc takes 55 seconds.
- Φ 16mm 4 flute carbide end mill is cut by SD#100 cutting disc takes 100 seconds.

HSS end mill cutting efficiency on GP-13

- Φ 10mm 4 flute HSS end mill is cut by E60WA cutting disc takes 60 seconds.
- Φ 16mm 4 flute HSS end mill is cut by E60WA cutting disc takes 110 seconds.

