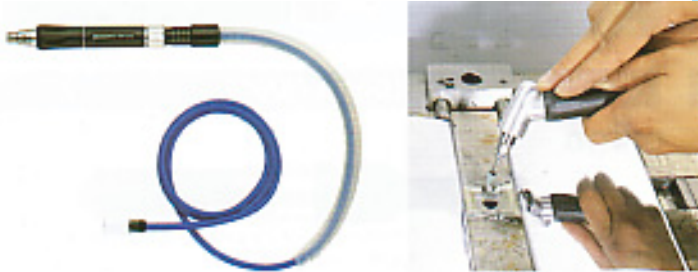


# AIR MICRO DIE GRINDERS

The VESSEL Air Micro Die Grinder features superior durability and an ideal grinding performance. Lightweight and compact, this is a grinder with a pencil feel, and with a wide range of uses.

## Features

- ① A light and smooth grinding is executed with high run-out precision by high speed rotation.
- ② Lightweight and compact, and with a stable performance which can be maintained over long periods.
- ③ Superior durability, with minimization of heat buildup.
- ④ A low-noise type with quiet sound. Since an exhaust hose is attached, there is no splashing of oil near to hand.



## Lightweight and Compact. Pen Holding Touch

Capacity is listed as instant reference and depends on operation conditions.

## Applications

Has manifold applications, beginning with grinding and engraving of every type of metal pattern, and extending to surface finishing of casting and welded parts, debarring after machine processing, finishing of complicated curved surfaces, inner surface grinding, beveling of gears, etc.



## For Precision Grinding

### GT-MG75S



Collet chuck  
ϕ 3mm

Accessories



### GT-MG55S/MG55SB (Reverse turning type)



Collet chuck  
ϕ 3mm

Accessories



### GT-MG55SR (Soft grip)



Collet chuck  
ϕ 3mm

Accessories

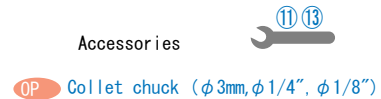


### GT-MG25S



Collet chuck  
ϕ 6mm

Accessories

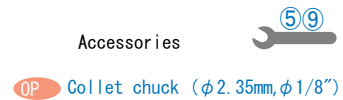


### GT-MG35-12CR (Soft grip)



Collet chuck  
ϕ 3mm

Accessories



EDP No.	Model No.	FreeSpeed rpm	Air Consumption m <sup>3</sup> /min.	Overall length mm	Overall length in.	Frame diameter mm.	Frame diameter in.	Weight g	Weight lb.	Air hose Size	Body Form
310725	GT-MG75S	75,000	0.16	170	6 11/16	18.5	23/32	190	0.42	PT 1/4	Straight
310705	GT-MG55S	55,000	0.16	163	6 3/8	17.5	11/16	180	0.40	PT 1/4	Straight
310771	GT-MG55SB	55,000	0.16	163	6 3/8	17.5	11/16	180	0.40	PT 1/4	Straight
310750	GT-MG55SR	55,000	0.16	180	7 3/32	20.0	25/32	220	0.48	PT 1/4	Straight
310765	GT-MG25S	25,000	0.175	198	7 25/32	30.0	1 3/16	600	1.32	PT 1/4	Straight
310748	GT-MG35-12CR	35,000	0.16	151	5 15/16	20.0	25/32	160	0.35	PT 1/4	Angle 120°

\*Air pressure ... 6kg/cm<sup>2</sup> (85 psi) \* Overall length ... Accessories, exhaust hose part not included. \* Weight ... Accessories not included. \* Air hose bore diameter...6.35mm(1/4")

\* In the main body, a 1.5m air intake hose, a 1.6m exhaust hose, and a hose joint are attached. \* With regard to GT-MG55S, MG55SR, MG75S, a 2.35mm collet chuck is also prepared.

CAUTION ! Keep away from flying articles. Wear safety goggles and work with most care around.

Capacity is listed as instant reference and depends on operation conditions.

## Smooth Surface Grinding / Polishing

GT-MG25-12CR(Soft grip)



Accessories

- Chuck handle
- Lap Ring #800 Rubber Holder
- Head Cup #80 PO-ring #60 #100 #150 3pc. each
- #400 #650 1pc. each

GT-MG25-9CR(Soft grip)



Accessories

- Chuck handle
- Lap Ring #800 Rubber Holder
- Head Cup #80 PO-ring #60 #100 #150 3pc. each
- #400 #650 1pc. each

EDP No.	Model No.	Free Speed rpm	Air Consumption m <sup>3</sup> /min.	Overall length mm	Overall length in.	Air hose bore diameter mm	Air hose bore diameter in.	Weight g	Weight lb.	Air hose Size	Tip tool installation part
310762	GT-MG25-12CR	25,000	0.16	160	6 5/16	6.35	1/4"	200	0.44	PT 1/4	M7
310761	GT-MG25-9CR	25,000	0.16	143	5 5/8	6.35	1/4"	200	0.44	PT 1/4	M7

\* Air pressure ... 6kgf/cm<sup>2</sup> (85 psi) \*Overall length...Accessories, exhaust hose parts no included. \* Weight ...Accessories not included.

### AIR MICRO GRINDER TIP TOOLS FOR SMOOTH SURFACE GRINDING AND POLISHING (For GT-MG25-9CR / 12CR)

To meet work objectives from the removal of cutter marks in the manufacture of metal molding to the finishing of mirror surfaces.

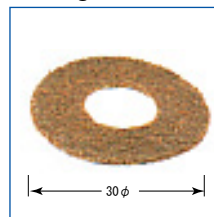
Headcup



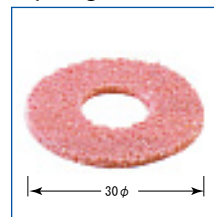
Rubber Holder



PO-Ring



Lap Ring



Part No.	Grit No.	EDP No.	Part No.	EDP No.	Part No.	Grit No.	EDP No.	Part No.	Grit No.	EDP No.
HC-80	80	622205	RH-30	622305	PR-60	60	622005	LP-320	320	622105
Interior	10 per case provided		Interior	10 per case provided	PR-100	100	622007	LP-400	400	622106
					PR-150	150	622009	LP-600	600	622107
					PR-240	240	622011	LP-800	800	622108
					PR-400	400	622013	LP-1000	1000	622109
					PR-600	600	622015	Interior	30 per case provided	
					Interior	100 per case provided		Color identification		

