

DPG Wheel

Patented Product



Divisible Cassette Diamond/cBN Lapping Plate

DPG Wheel

■ Features

1. Environment

DPG (Diamond Pellet Grinding) Wheel is an environmentally friendly fixed abrasive tool, enabling replacing loose abrasive processing,

- 1) Reduce industrial waste dramatically
- 2) No clean-up with chloric organic solvent
- 3) Clean operating environment

2. High Efficiency

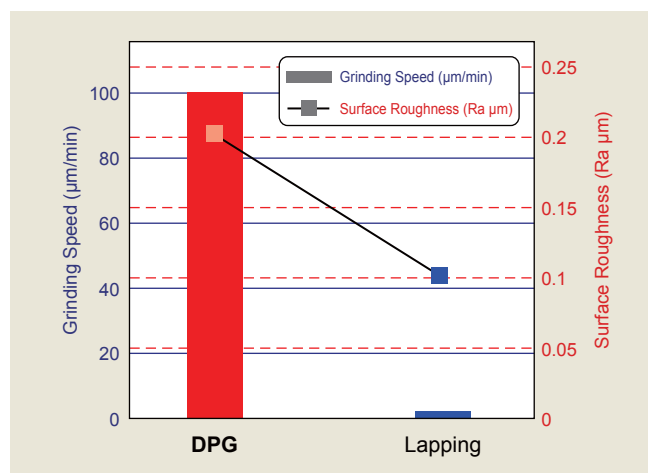
5 to 100 times faster grinding speed compared to loose abrasive lapping.

3. Cost Reduction

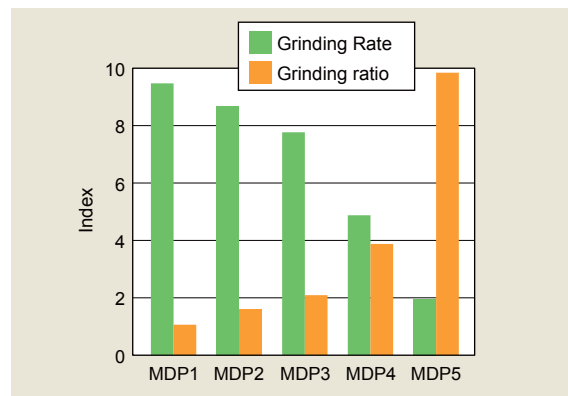
Reduce maintenance costs with long lasting plate and gear.

4. Process Reduction

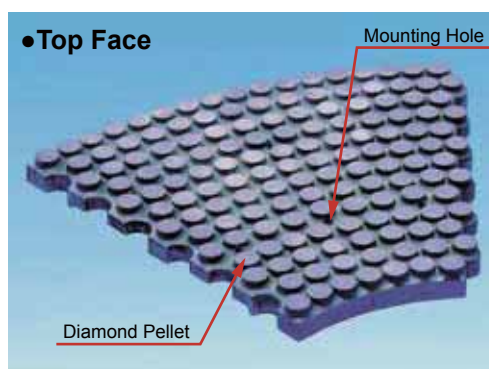
Integrate pre-grinding and lapping into one process



□ Grinding Performance of DPG wheel (MDP bond)



□ Cassette Plate (design registration)



Reduction of replacing process for cassette plate

- No detaching base plate
- Divisible cassette fixed on base plate
- Short dressing time
(20 minutes : 9B, 1~2 hours : 16B)

Pellet pattern keeps high accuracy grinding

- Divisible cassette designed for pellet layout
- Seams never interfere with the density of pellet distribution

Free layout of coolant hole for top plate

- Coolant pool on clamp face

Size	Max. Dia.	Min. Dia.
4B	299	117
5B	389	213
6B	380	148
6B/9B	650	384
9B	637	218
12B	1058	360
13B	950	274
15B	1022	346
16B	1127	270
18B	1260	294
20B	1355	458
24B	1592	554
28B	1864	660

* Special sizes also available