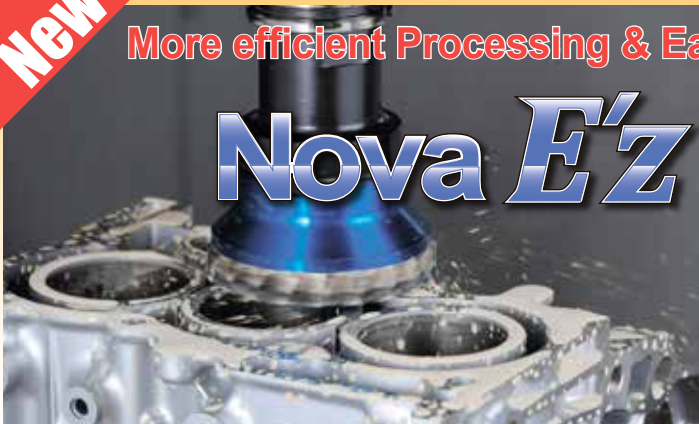


New

More efficient Processing & Easier installation

Patent Pending

Nova E'z Disc



Features



More teeth offers higher efficiency
The light weight design for small machine arbors.

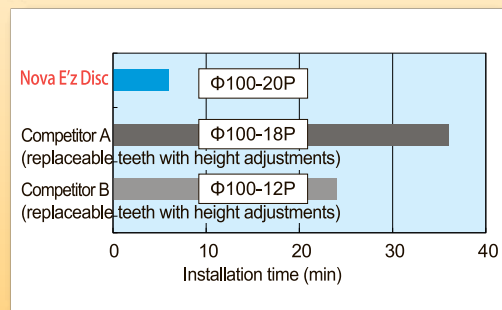
- ① **Better quality and more efficient for cutting aluminum**
More teeth and narrower pitch design provides more stability in high speed process. The tooth design reduces burrs, producing a smoother and flatter cutting surface.
- ② **Replaceable cutter head discs are more economical**
Cutter bodies are reusable and replaceable discs make tool management easier.
- ③ **No teeth height adjustments means LESS DOWN TIME**
Runout accuracy is kept due to not needing height adjustments.
- ④ **Light weight design means easier handling**
Small arbor machines easily tooled because of the light weight.

Height adjustments are not necessary because of replaceable discs



Cutter bodies are reusable.

Installation time comparison



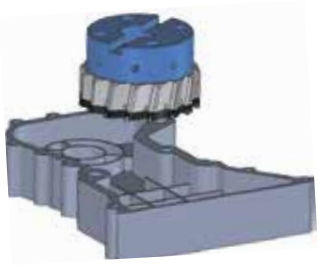

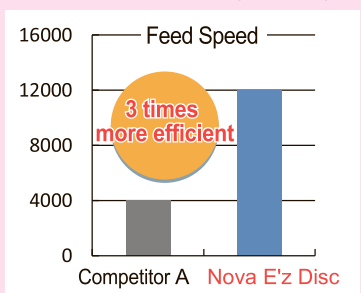
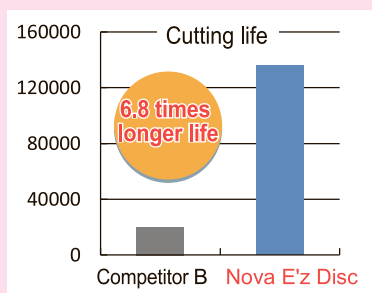
* For product improvement the appearance and specification of this product could be changed without announcement.

Dimensional example

| Set model No. | Cutter head disc model No. | Body model No. | Number of teeth | DC (mm) | DCON (mm) | L (mm) | Code (No.) |
|-----------------|----------------------------|----------------|-----------------|---------|-----------|--------|--------------|
| NED50-S25-12 | NED50-12 | NEB50-S25 | 12 | 50 | ※ 25 | 110 | 543-0096-350 |
| NED63-C22-12 | NED63-12 | NEB63-C22 | 12 | 63 | 22 | 50 | 543-0129-350 |
| NED80-C25.4-16 | NED80-16 | NEB80-C25.4 | 16 | 80 | 25.4 | 50 | 543-0244-350 |
| NED100-C25.4-20 | NED100-20 | NEB100-C25.4 | 20 | 100 | 25.4 | 50 | 543-0179-350 |
| NED125-C25.4-24 | NED125-24 | NEB125-C25.4 | 24 | 125 | 25.4 | 45 | 543-0228-350 |

※Shank diameter

Examples

| Work parts | Timing chain cover | Cam cap |
|--------------------|---|--|
| Cutter body | NEB80-C25.4 | NEB80-C25.4 |
| Cutter head disc | NED80-16 | NED80-16 |
| Work shape |  |  |
| Cutting parameters | RPM | 9947 (rpm) |
| | Peripheral speed | 2500 (m/min) |
| | Feed speed | 11936 (mm/min) |
| | Feed amount | fz = 0.075 (mm/t) |
| | Chip load | 0.5 (mm) |
| Coolant | Internal refilling | External refilling |
| Machine | Vertical M/C BT30 | Vertical M/C BT30 |
| Result | <p>Improved : 3 times more efficiency 1.4 times longer cutting life</p>  | <p>Improved : 6.8 times longer cutting life</p>  |