

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.

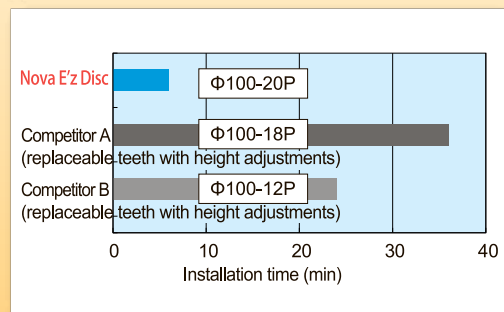
- ① **Better quality and more efficient for cutting aluminum**
 More teeth and narrower pitch design provides more stability in high speed process. The tooth design reduces burrs, producing a smoother and flatter cutting surface.
- ② **Replaceable cutter head discs are more economical**
 Cutter bodies 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



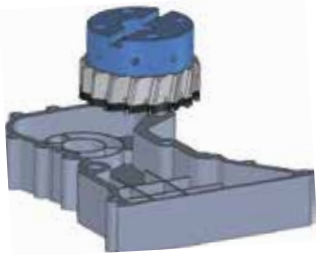

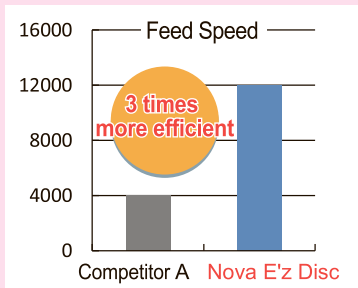
* For product improvement the appearance and specification of this product could be changed without announcement.

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> 