

PCD tipped cutting tools for board material



COSMO BIT Line up

PCD COSMO-Bit TWIN $\phi 12\text{mm}$

HIGH SPEED
FEED TYPE



Faster feed with $\phi 12\text{mm}$

Features

- 1 Newly designed $\phi 12\text{mm}$ is added to our line up. Faster feeding and vertical plunging with smaller diameter.
- 2 High productivity by faster feeding.



◀ Vertical plunging is available.

PCD COSMO-Bit ZERO TWIN

ONE WAY
TYPE



Features

- 1 Single use Cosmo-Bit with faster feeding. Cutting diameter is constant. Re-sharpening is not needed.
- 2 Although it get damaged, since the initial cost is lower. It is economical.
- 3 Higher productivity with faster feeding.



◀ Single use Cosmo-Bit with faster feeding

PCD COSMO-Bit NEST (4+4)P

DUST
COLLECTION
TYPE



Features

- 1 Suitable for nesting on double side laminated board material.
- 2 By increasing number of teeth from the conventional 3+3 teeth to 4+4 teeth with 4 flutes faster feeding is possible.
- 3 Better swarf emission can be realized by newly designed flute shape and outer teeth.



◀ Number of blades 4+4Z

Kanefusa offers the suitable cutting tools for laminated board materials based on particle board, MDF, OSB etc.

KANEFUSA

PCD COSMO-Bit Increased shear angle type

HIGH
QUALITY
FINISH



Features

- 1 Increased shear angle helps for better cutting surface, especially for board material laminated with paper.
- 2 Reducing burrs and chipping on the surface with both positive and negative shear angle.

Smaller cutting diameter with increased shear angle.



Clean & precise cutting surface

OPTION

PCD Router with Vibration Damping RING



PATENT
PENDING



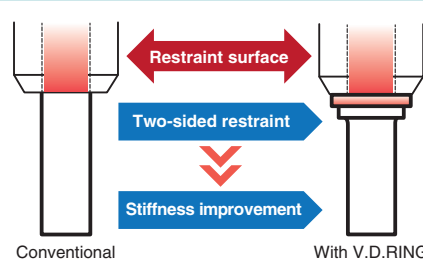
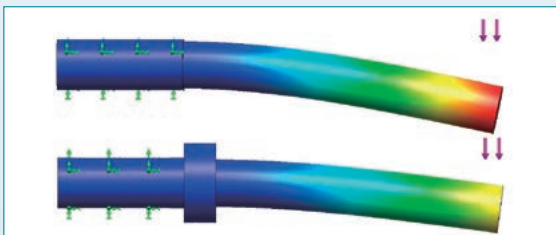
V.D.RING

Less vibration!

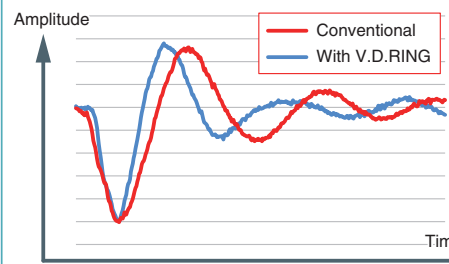
Less trouble &
longer lifetime!!

Features

- 1 Two-sided restraint increases the strength of tool.
- 2 V.D.Ring on the shank improves stiffness.
- 3 Reducing risk of chipping on the edge and providing high quality production.



Impact test



	Log.d	Damp (%)	Displacement amount (mm)*
Conventional	0.11	1.8	2.77E-01
With V.D.RING	0.18	2.9	1.8E-01

Log.d : Logarithmic decrement Damp : Damping ratio
*Maximum displacement at 1000N

PCD Saw blade · Cutter

PCD Hogging Saw Blade (Dust Collection Type)



Features

- 1 Special gullet shape can control the direction of swarf emission.
- 2 Improvement in working environment thanks to better dust collection.
- 3 Better processing quality by reducing adhesion and incursion of swarf on the material.



◀ Special bladder shape

Improvement in working environment by effective dust collection.

PCD Saw Blade "Nova Panel"



Features

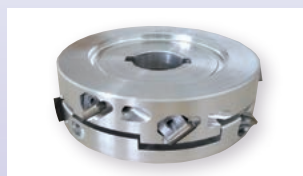
- 1 Less machine load with less friction by special surface of the saw blade body.
- 2 Less cutting load leads to better sawing quality.
- 3 Staying sharp edge longer by preventing cutting edge from adhesion of the material.

Replaceable insert type PCD Milling Cutterhead



Features

- 1 PCD milling cutter head with constant cutting diameter for Edge Bander. Shorten machine maintenance down time with constant outer diameter.
- 2 Easier handling by Aluminum body.
- 3 Optimal design depending on material to be cut.



◀ Adjustable type

KANEFUSA

<http://www.kanefusa.net>

KANEFUSA CORPORATION

Head Office / Factory

1-1 Nakaoguchi, Ohguchi-cho, Niwa-Gun
Aichi-ken, Japan, Postal Code 480-0192
Tel : +81 587 95 7221
Fax : +81 587 95 7226
E-mail : sales-ex@kanefusa.co.jp

KANEFUSA EUROPE B.V.

De Witbogt 12, 5652 AG, Eindhoven, The Netherlands
Tel : +31 40 2900901
Fax : +31 40 2900908
E-mail : info@kanefusa.nl

配布資料 - 22 - 0
(種別) (品目) (改訂No)