

NEW PRODUCT

Cutting tools for CLT

KANEFUSA



Cutting tools for CLT

High quality surface - reduce fuzzy grain and burning
Coated Insert "UPII" for wood processing.
Reduced down-times with longer tool life.

Coated Carbide Inserts "U-PII"



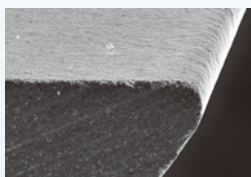
Patented

New

Features

Kanefusa's coating technology with self-sharpening effects, maintains a sharp edge for longer tool life and reduces power consumption.

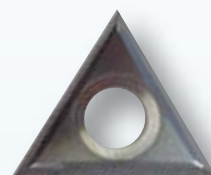
Comparison of wear amount



Uncoated



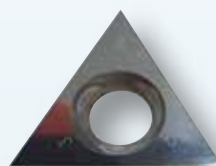
Coated (UPII)



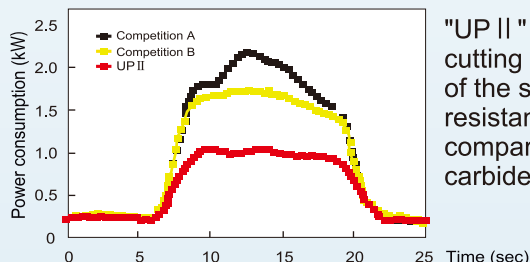
TR22



R170



Power consumption



"UP II" saves 40-55% cutting power because of the superior wear resistance compared with other carbides of competitors

New
line-up!

- TR22 22x19x2.0t (triangle)
- R190 15x15x2.5t
- R170 15x15x2.5t
- R150 15x15x2.5t

* Due to the improvement and technical change purposes, there may be a change without notice.

KANEFUSA

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H-50E-1
(Class) (Article) (Revision)

2024.7

Router Bit for CLT

Edge Material

U-P11



Features

- The integrated structure of the HSK section and blade body provides enhanced rigidity, minimizes fluffing and plucking, and ensures excellent cutting quality.
- The unique flute shape ensures optimal chip evacuation and prevents burning.

Example

- Processing :
Hollowing out for fastening metal fitting
- Material : Cedar CLT
- Tools : HSK100AX50X309X98X4P
- Cutting Parameter : N=9,000rpm F=2.5m/min



Cutter for CLT

Edge Material

U-P11



Features

- Aluminum body minimizes the weight of cutterhead.
- The helical arrangement of blades reduces cutting resistance and achieves excellent surface.

Example

- Processing :
Rabbet grooving for panel (wall/floor) joint
- Material : Cedar CLT
- Tools : 18P 350 x 80-45 x 45
- Cutting Parameter : N=4,000rpm F=15m/min

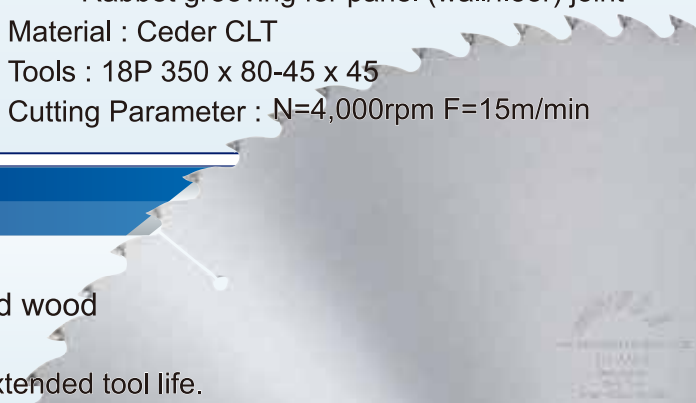
Saw Blade for CLT

Application

CLT and large section of laminated wood

Features

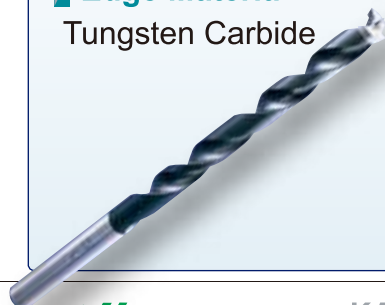
Superior cutting surface and an extended tool life.



Long Drill Bit for CLT

Edge Material

Tungsten Carbide



Features

- A specialized edge design prevents chip-out and tear-out at the end.
- The drill bit is uniquely designed to be resistant to breakage (which achieves longer tool life)
- The surface treatment on the drill bit ensures optimal chip evacuation.