NEW PRODUCT
PCD Fine Pitch Teeth Facemill Tool Holder Type

KANEFUSA

PCD Fine Pitch Teeth Facemill Tool Holder Type

High speed finishing process for Aluminum alloy

Tool Holder Type for large area milling process

Features

- With fine pitch PCD teeth, the tool realizes high speed feeding for higher productivity on aluminum surface with superb precision.
- High quality cutting surface with high precision sharpened edge.
- Resharpenable brazed edge without run-out adjustment.
- The innovative clamping bolt structure for cutting edge lubrication by a center hole coolant supply.

Machining example

Work material: Transmission case
Specification: ϕ80, 20Z
Cutting parameters: N=10,000rpm, Fz=0.06mm (F=12m/min)

Result Attained 1.7 times faster process.
Machining time was drastically reduced.

Product specifications

- Based on the Facemill Arbor standard. (Type: HSK, BT etc)
  Applicable range: Tool Diameter ϕ63 - ϕ125
- Special specifications for better surface quality and burr prevention are available.
- Resharpenable brazed edge type. Resharpening service available upon request.

Size (mm)				Number of teeth
Shank Diameter	Tool Diameter	Total Length	Teeth Length	
ϕ22	ϕ63	55	7	16
ϕ25.4	ϕ80	62	7	20
ϕ31.75	ϕ100	70	7	24
ϕ31.75	ϕ125	75	7	32

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