NEW PRODUCT
MA-Stable Saw

KANEFUSA

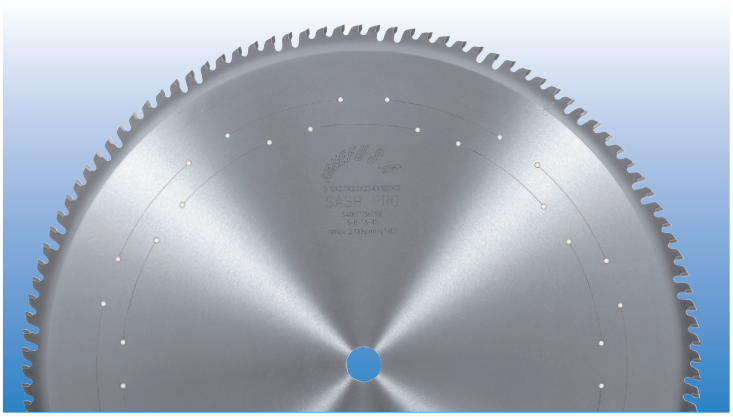
NEW

For cutting aluminum billets / profiles

Patent pending

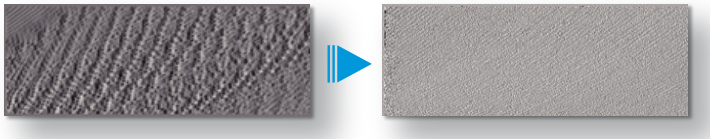
MA-Stable Saw

Improved stable saws with thinner kerf for cutting large diameter aluminum billets and profiles.



Diameter range：φ350 to φ800

Cut surface

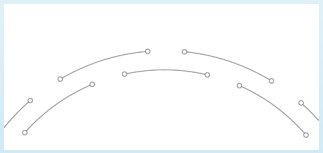


Microscopic image of the cut surface

FEATURES

① MA-STABLE SLIT

New slit design enables a kerf up to 20% thinner while improving stability.

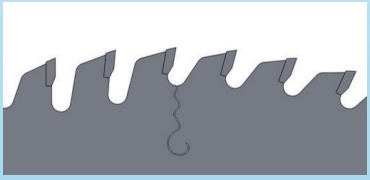


20% thinner-kerf

MA=Most Attractive

② AVG(Special gullet design)

Vibration is reduced by combining both deep and shallow gullets, resulting in improved cut surfaces.



AVG=Anti-Vibration Gullet

Test results

	Purpose	Conventional diameter	MA-Stable Saw	Material	Results
①	Yield improvement	Φ455x3.5x3.0x25.4 x120P BC	Φ455x2.4x1.8x25.4 x120P BC	Aluminum profile (t=8mm)	The thinner kerf reduced the amount of material needed, saving material costs.
②	-Yield improvement -Swarf reduction	Φ510x3.5x3.0x25.4 x120P BC	Φ455x2.0x1.6x25.4 x80P BC	Aluminum profile (various thinkness)	Changing the diameter and kerf thickness enabled production of more products, and reduced the swarf amount.
③	Reduction of spinning noise and cutting power	Φ405x2.8x2.4x25.4 x120P	Φ405x2.4x2.0x25.4 x120P BC	Aluminum profile	When manual feeding, spinning noise and cutting power were reduced.
④	Reduction of cutting noise	Φ750x6.0x5.0x50 x120P D	Φ750x3.8x3.0x50 x150P 5DX	Aluminum profile	Changing the kerf from 6.0mm to 3.6mm reduced the cutting noise from 116dB to 105dB.

* For product improvement, there is a possibility of unannounced specification changes.

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