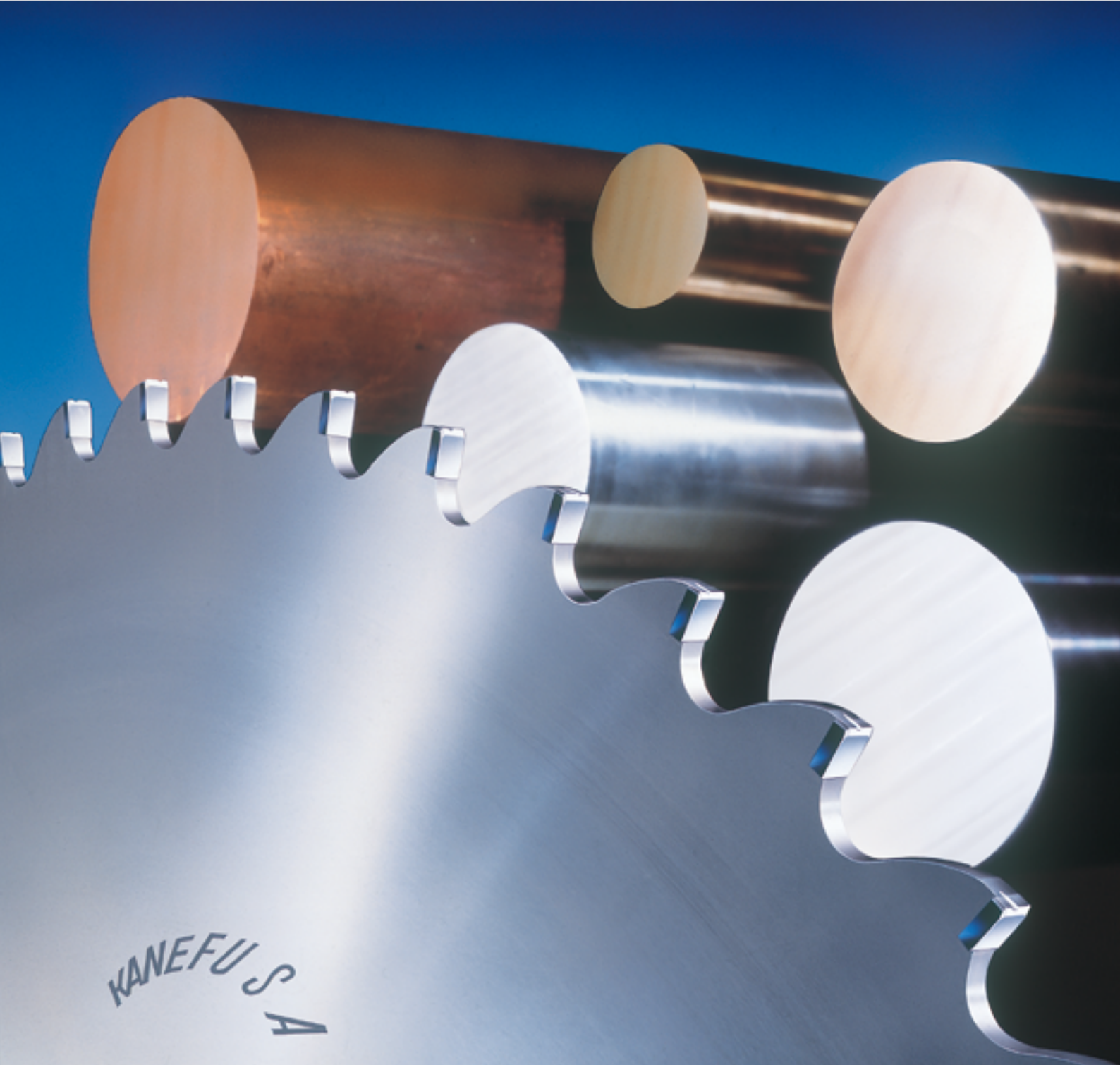


KANEFUSA

Cold Sawblade



Kanefusa - A New Dimension of Performance



JQA-QM3710



JQA-EM3137
Head Office
Factory

Specifications and appearance are subject to change without notice.
Photographs and illustrations may vary from actual products.

0-55-3
[Class] [Article] [Revision]

Advantages

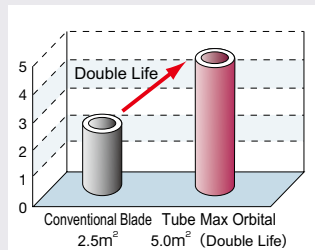
1 / Features

- 1 Kanefusa uses only the very best steel for its sawblades. After heat treatment, the saw plate is very flat. Kanefusa's proprietary flattening and surface grinding process ensure that the plate is distortion free and has a uniform thickness. A good plate with high rigidity is essential for straight running of sawblades.
- 2 A special carbide, which is exclusive to Kanefusa, was developed in cooperation with a leading carbide manufacturer. The carbide was designed for cutting to metals clearly outlast conventional carbide.
- 3 Our special brazing technology leads to a higher braze joint strength and therefore teeth are firmly attached to the plate to prevent carbide breakage.
- 4 High sawing accuracy can be achieved thanks to our high quality products, which is distortion free and uniform thickness of material.
- 5 Due to originally developed coating, our cold sawblades provide the longest lifetime and stable performance for the maximum productivity and the lowest cost per cut.

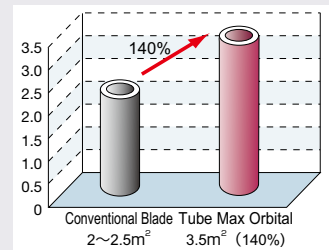


2 / Field test at user (Tube Max Orbital)

Machine: Kusakabe (Japan)
 Material: STKR400 or equivalent
 203.2~101.6 x t 12.7mm
 Sawblade Size: 380 x 3.7 x 66Z
 Parameters: V=358 m/min
 Fz=0.016 mm/z

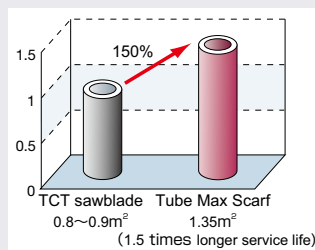


Machine: Nakata (Japan)
 Material: STK400 139.8 x t 4.5mm
 Sawblade Size: 355 x 3.1 x 72Z
 Parameters: V=600 m/min
 Fz=0.14 mm/z

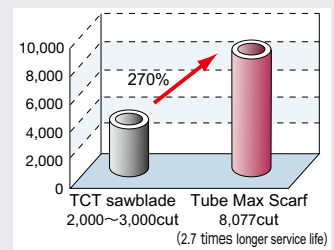


3 / Field test at user (Tube Max Scarf)

Machine: Nakata (Japan)
 Material: SGP80A
 φ89.1 x t 2.8mm
 Sawblade Size: 550 x 3.6 x 132Z



Machine: Oto-Mills (Italy)
 Material: SAE1018 1010
 Tensile strength 700MPa
 Sawblade Size: 550 x 3.5 x 120Z



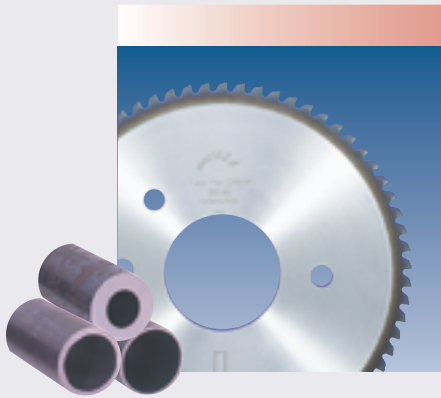
4 / Kanefusa Oil Lubricant

For best performance of the sawblades, we recommend original Kanefusa oil lubricant.

Material	Mist fluid	Composition	Dropping speed (1drop)	Characteristics
Mild steel	Supralube 25	Vegetable ester	5-7 s	High viscosity
Stainless steel	Supralube 60S	Sulfur mineral	1-2 s	Stainless steel, die steel
Non - ferrous steel	Supralube 10P	Distilled vegetable ester	2-5 s	Odorless, low viscosity



Product Line Up



For Orbital Flying Cut-off Sawblade Tube Max Orbital

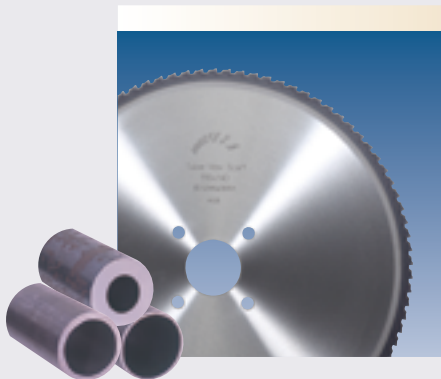
Edge Material: Coated Tungsten Carbide

Application: Cut ferrous tubes

M a c h i n e : Orbital Sawing machine

- ▶ **Much less edge wear and better heat resistance, realized with improved edge configuration, edge quality and coating. Longer cutting life even on higher tensile material like X80 and with high rim speed of more than 600m/min**
- ▶ **Owing to the above improvements, stable sawing even with faster sawing and line speed is now possible.**

PAT. EP1048385



For Scarf Flying Cut-off Sawblade Tube Max Scarf

Edge Material: Coated Tungsten Carbide

Application: Cut ferrous tubes

M a c h i n e : Straight Sawing machine

- ▶ **Optimized tooth shape, tip grade, and advanced coating achieve longer service life.**
- ▶ **The embedded TCT and optimized gullet shape achieve longer service life on cutting welding bead smoothly.**

PAT. EP1048385



Ferrous Cold Sawblade

Edge Material: Cermet, Tungsten Carbide, and Coated Tungsten Carbide

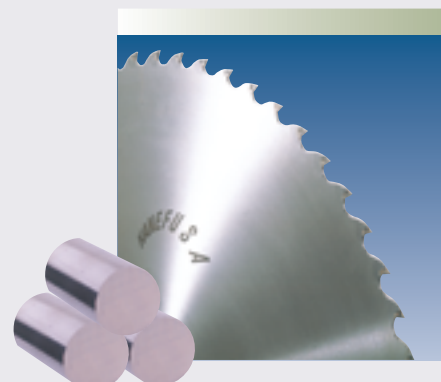
Application: Cut solids and tubes

M a c h i n e : Endo, Mitsubishi, Tsune, Linsinger, Wagner, Heller and others

L u b r i c a n t : Supralube 25

- ▶ **Universal application and high performance**

PAT. EP1048385



Non-Ferrous Cold Sawblade

Edge Material: Tungsten Carbide

Application: Cut non-ferrous solids (Aluminum Alloy and Copper Alloy)

M a c h i n e : Endo, Mitsubishi, Tsune, Linsinger, Wagner, Heller and others

L u b r i c a n t : Supralube 10P

- ▶ **Reliable performance for each customer's special requirement.**



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