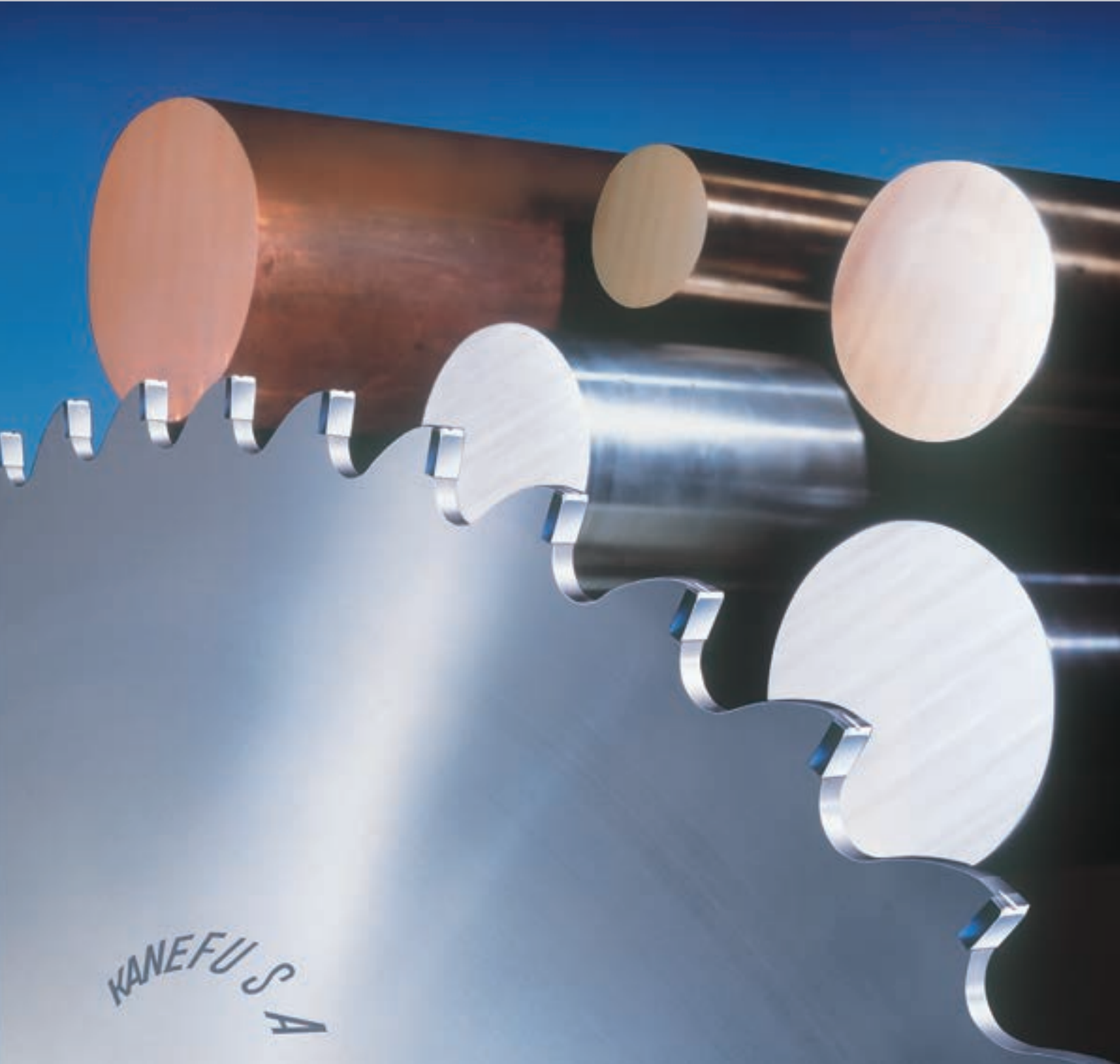


KANEFUSA

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.

0-55E-4
[Class] [Article] [Revision]

Advantages

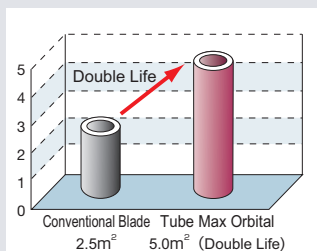
1 / Features

- 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.

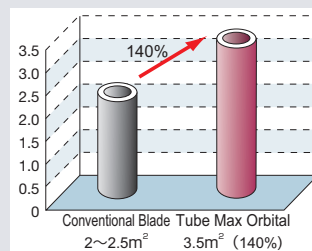


2 / Field test at user (Tube Max Orbital)

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

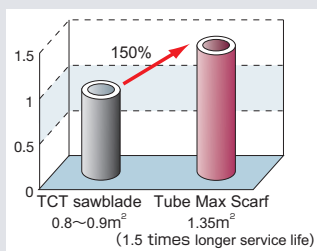


Material: STKR400 139.8 x t 4.5mm
Sawblade Size: 355 x 3.1 x 72Z
Parameters: V=600 m/min
Fz=0.14 mm/z

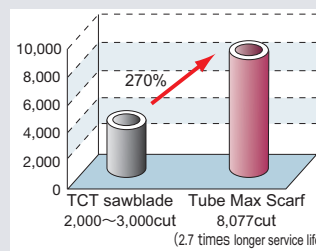


3 / Field test at user (Tube Max Scarf)

Material: SGP80A
φ89.1 x t 2.8mm
Sawblade Size: 550 x 3.6 x 132Z



Material: SAE1018 1010
Tensile strength 700MPa
Sawblade Size: 550 x 3.5 x 120Z



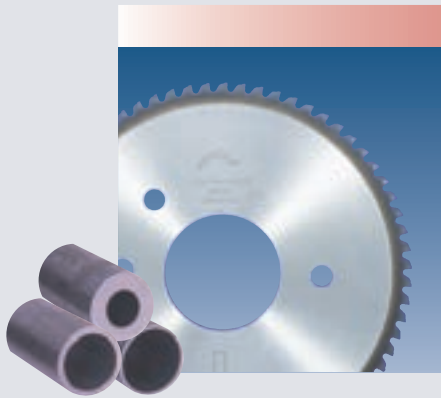
4 / Kanefusa Oil Lubricant

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

Material	Mist fluid	Composition	Dropping speed (1drop)	Characteristics
Mild steel	Supralube 25-II	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.**



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. EP2949414



Ferrous Cold Sawblade

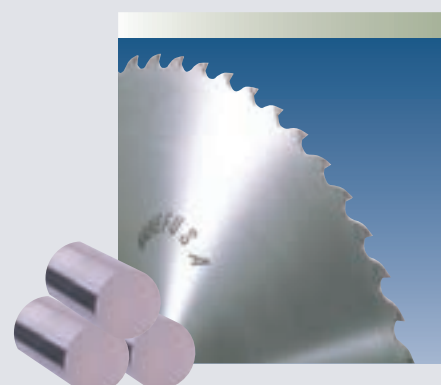
Edge Material: Cermet, Tungsten Carbide, and Coated Tungsten Carbide

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**



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.**



<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

PT. KANEFUSA INDONESIA

EJIP Industrial Park, Jl. Ciujung Plot 8 D, South Cikarang,
Bekasi 17530, West Java, Indonesia
Tel : +62 21 897 0360 Fax: +62 21 897 0286
+62 21 897 0287

E-mail : sales@kanefusa.co.id

Surabaya Service Center

JL. Berbek Industri VII/5B Kawasan Industri Sier Surabaya, Indonesia
Tel : +62 31 849 1784 Fax: +62 31 849 2784

KANEFUSA EUROPE B.V.

De Witbogt 12, 5652 AG, Eindhoven, The Netherlands
Tel : +31 40 290 0901 Fax: +31 40 290 0908
E-mail : info@kanefusa.nl

Moscow Office

Vozdvizhenka 10, 125009, Moscow, Russia
Tel : +7 495 797 3759

KANEFUSA USA, INC.

621 Dolwick Drive, Erlanger, KY 41018, USA
Tel : +1 859 283 1450 Fax: +1 859 283 5256
E-mail : sales@kanefusa-na.com

Atlanta Office

3675 Crestwood Pkwy, Ste 400, Duluth, GA 30096, U.S.A
Tel : +1 770 817 7593

KANEFUSA CHINA CORPORATION

NO.50 Zhuzhu Road, Lujia Town Kunshan city, Jiangsu, China
Tel : +86 512 57875072 Fax: +86 512 57875073
E-mail : yy@kanefusa-cn.com

Tianjin Office

Sanjinglu No.5 Dongli economic development zone Tianjin city CHINA
Tel : +86 22 5823 7633 Fax: +86 22 5823 7632
E-mail : tjkc03@kanefusa-cn.com

Guangdong Office

No.2 Danhen Road, Danzao Town Foshan City, Guangdong, China
Tel : +81(0)75785406562 Fax: +81(0)75785406571
E-mail : fssales@kanefusa-cn.com

KANEFUSA INDIA PRIVATE LIMITED

Plot No.232, Sector-8, IMT Manesar, Gurgaon,
Haryana PIN 122-050 India
Tel : +91 124 420 8440 Fax: +91 124 420 8441
E-mail : info@kanefusa.co.in

KANEFUSA DO BRASIL LTDA.

Rua Bom Pastor, 2732 Bloco Torre Sul - Sala 73
São Paulo - SP Cep:04203-003
Tel : +55 11 2372 7664 Fax: +55 11 2372 7663
E-mail : vendas@kanefusa.net.br

Joinville Service Center

Rua Helmuth Fallgatter 1937, Joinville-SC CEP: 89206-101, Brasil
Tel : +55 47 3439 5486

KANEFUSA MEXICO S.A. DE C.V.

Circuito Logistic Aeropuerto No.4 Fracc.1 Lote2 Predio San
Antonio Texas Silao Guanajuato C.P. 36273 Mexico
Tel : +52 1 472 7486314/3 Fax: +52 1 472 7486313
E-mail : info@kanefusa.com.mx

KANEFUSA VIETNAM CO., LTD.

Road No.N3-2, Long Duc IP, Long Duc Ward,
Long Thanh District, Dong Nai Province, Vietnam
Tel : +84 251 368 1400 Fax: +84 251 368 1402
E-mail : sales@kanefusa-vn.com