



LINDEMANN

TCT SAW BLADES STEEL CUTTING



MAXIMA HT



Our Maxima HT is widely used in automotive industry, to cut different tubes on static machines at high speed. Rattunde, Nishijima, Soco, Sinico, Adige, etc. . .

Application

All tubes with medium to high carbon tube with high speed increasing machines' productivity. Also alloyed steel. Tensile strength up to 1500 N/mm².

Parameters

180-300 m/min

Tooth load: 0.04 - 0.14 mm/teeth

MAXIMA XS



Newly developed to cut thin wall tubes on static machines, including light sawing machines like Bewo, RSA, OMP, Soco, etc. . .

Applications

All thin wall steel tubes, but also stainless tubes

Parameters

Steel 160-280 m/min stainless 80-140 m/min

Tooth load: steel 0.025 to 0.12 Stainless 0.06 – 0.12



MAXIMA AF



When HSS saw blades cannot cut or are limited in speed, MAXIMA AF is the answer on flying cut off machines, single or twin heads. Our PVD coated carbide blades will optimize your tube and pipes production. Faster line speed and shorter cut time will decrease your production costs.

Applications

All tube mills round and square pipes up to 1600 N/m²

Cutting Parameters

150 to 600 m/min

Tooth load Fz1 0.03 to 0.07 mm & Fz2 0.06 up to 0.2 mm

MAXIMA IF



When pipes have inside scarf, Maxima IF are designed to withstand heavy work. High shocks resistance will extend the blade life.

Applications

All tube mills round and square pipes with small or big inside scarf.

Parameters

350 to 500 m/min

Tooth load Fz1 0.03 to 0.13

MAXIMA OF



To cut big and thick tubes on all orbital flying cut off. Special PVD coating for high wear resistance. Very strong teeth to withstand shocks. Can be resharpen

Applications

All tube mills with orbital cutting for round and square pipes, Nakata, Fusakabe, Oto Mills, SMS Meer, Condor, etc...

Parameters

200-600 m/min

Tooth load 0.04-0.12 mm/teeth



MAXIMA HS



Coated tungsten carbide tipped sawblades for high cutting speed and high feed rate.

Applications

To cut solid carbon steel bars and alloys up to 1600 N/mm² on sawing machines like Ficep, Amada, Behringer, Simec, Kasto, etc...

Parameter

100 – 280 m/min
Tooth load 0.06 – 0.10 mm

MAXIMA LSC



Coated cermet blades for longer blade life, low noise and smooth surface.

Applications

To cut solid steel bars up to 800 N/mm²

Parameters

100 - 200 m/min
Tooth load:0.04 to 0.14 mm

MAXIMA LS



Cermet saw blades to cut solid carbon steel on sawing machines, Tsune, Kentai, Noritake, Mega, Everising, Delta, etc...

Applications

All around blades to cut various solid steel bars up to 750 N/mm²

Parameters

Steel 100 - 130 m/min
Tooth load: 0.04 to 0.10



CARBIDED TIPPED SAW BLADES from 250 mm to 2250 mm



STEEL CUTTING

Structural steel, bearing steel, cast iron, alloys, slabs, sheets.
Cast iron, Alloys, beams
Stainless steel, welded and drawn tube

NON FERROUS

aluminium, brass, copper, bronze,
All tooth form, tailored design, noise reduction,

SEGMENTAL SAW BLADES from 275 mm to 2015 mm



CUTTING LOW ALLOY STEEL, BEAMS, AND NON-FERROUS MATERIAL

Segmental circular saw blades are made of chrome vanadium body with inserted high-speed segments. The blade construction makes it very chocks' absorbing. Ideal to cut sections, H beams, etc. . . Blades are easily repaired by changing one or more segments.

FRICITION AND HOT SAW BLADES



FRICITION SAW BLADES from 300 mm to 1600 mm

To cut ERW pipes, cold forming sections, small sections on y cut o machines or stationary machines.
Also used to cut grating, fenders, etc..

Di erent tooth form available depending from application
"TL-5" high precision cutting saw blades with taper design saving power by 25-30%

HOT SAW BLADES from 750 mm to 3200 mm

To cut di erent steel and shapes at 700 degrees or above.
Di erent tooth form available depending from application.
"Power-saved metal" blades with taper design can save up to 30% power

We also manufacture diamond saws, saw blades for quarry, stone cutting, multiple circular blades, silent saw blades, diamond gang saws, wall cutting blades, slitting diamond saw blades.



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