

Carbide tipped saw blades for cutting stainless steel (NSF) food and construction

ADVANTAGES OF THE CARBIDE TIPPED SAW BLADES

- Cutting of stainless steel
- Up to 3 times higher durability
- No tarnishing of materials
- Lower friction
- Lower cost per cut than standard saw blades

THE COATING OF NSF-SAW BLADES

An aluminium-titanium-chromium-nitride coating, for special applications in cutting material which tends to stick.

Because of the smooth CrN-surface, the tendency for cold welding can be reduced significantly. The silver colored coating has a high hardness and high oxidation resistance. This results in decisive advantages in machining of Al and non ferrous alloys.



SPECIFICATIONS OF NSF-SAW BLADE

Material	Aluminium titanium chromium nitride, AlTiCrN (stacked)
Microhardness HV 0,05	3.000 +/- 30
Coefficient of friction against steel 100Cr6	0,4
Maximale operating temperature	800° C / 1.470°F
Thickness	2 - 4 µm

RANGE OF CARBIDE TIPPED SAW BLADES

Ø [mm]	Bore	Kerf	Teeth	Reference	Application
14"	1"	.087"	90	600570NSF	food & construction
10"	1"	.079"	66	600654NSF	food & construction
9"	1"	.079"	48	72123048NSF	food & construction
12 1/2"	1"	.087"	84	608275NSF	food & construction