

# NSF-SPECIAL COATED SAW BLADES FOR STAINLESS STEEL



## The coating of NSF-saw blade

The NSF saw blades are processed with an aluminum-titanium-chromium nitride layer, so that they are also ideally suited for special applications when machining materials that tend to stick together. The silver-colored layer is characterized by high hardness and resistance to oxidation. In addition, the NSF saw blade is designed to minimize the tendency to adhesion when processing stainless steel.

The NSF saw blades are suitable for saw blades from Ø 9" up to Ø 14" for stainless steels in the food and construction sectors.

## Advantages of coated saw blades

- Cutting of stainless steel
- Up to 3 times higher durability
- No tarnishing of materials
- Lower friction
- Lower cost than standard saw blades
- resharpenable up to 5 times

## Technical Data

Material	Aluminium titanium chromium nitride, AITiCrN (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

## Coated saw blades range (Special dimensions on request)

Ø in/mm	Bore	Kerf	Teeth	Reference	Use
9"/230	1"/25,4	0.079"/2,00	48	72123048NSF	Food and construction
10"/255	1"/25,4	0.087"/2,00	66	600654NSF	Food and construction
12 5/8"/320	1"/25,4	0.079"/2,20	84	608275NSF	Food and construction
14"/355	1"/25,4	0.087"/2,20	90	600570NSF	Food and construction

\* with pin bore (4/11/TK 55 mm)