NACHI

Nachi is a Japan based manufacturer who is the first manufacturing of Bimetal Bandsaw blades, introducing a blade suitable for material ranging from aluminium to hard to cut steels. Full lineup of metal bandsaw blades from NACHI handles your job from highspeed to high-quality cutting...

ORNADO SWORD-MD

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- Metal band saw featuring high-alloy HSS teeth
  Increased wear resistance and toughness for a longer tool life
- High & low tooth form and compound dispersion tooth set reduce cutting resistance for a smooth surface finish
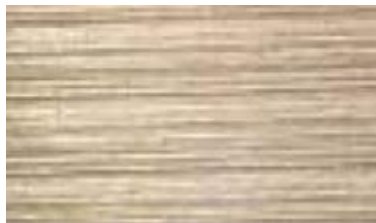
TORNADO SWORD-MD

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Work Materials

- Alloy steels
- Die steels
- Stainless steels

Performance

Saw blade Band saw	Cutting surface roughness	Cutting surface
TORNADO SWORD-MD	Rz0.026	
Company A M42	Rz0.058	

Work material : Die steel PLAMAX

Work material : 5300 ラ 41 ラ 2/3

Cutting speed : 25 m/min
10 min/cut

Saw Blade	No. of cuts (pcs)
	50 100 150
TORNADO SWORD-MD	
Company A M71	Material : SUS630 W127 x H150 Saw blade : 3505 x 27 x 3/4 Speed : 40 m/min 9.5 min/cut
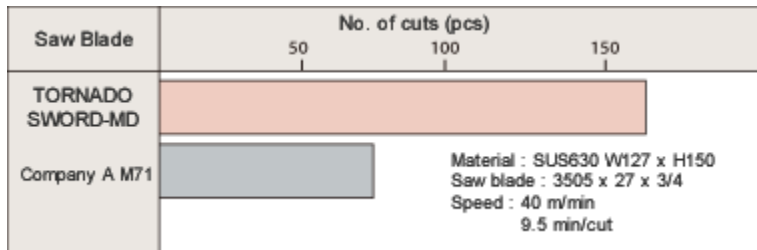
TORNADO SWORD CNC

- [Outline]
- [Features / Performance]

- Metal band saw featuring a newly developed spring steel for the body
  Dramatically improved fatigue life due to special surface processing
- Positive rake and wide gullets ensure fast cutting and a long tool life
- Improved tooth form and tooth set enable a smooth finish and straight cut

Work Materials

- Structural steels
- Alloy steels
- Stainless steels
- High-temperature steels
- Tool steels

Applicable Machines

HFA-300CNC, 400CNC, 500CNC, SGA410CNC, SGA8010CNC, SGA8513CNC, etc.

Performance

Saw Blade	TPI	Tool Lif x 10^4 (cm^2)
		5 10
TORNADO SWORD CNC	3/4H	
Conventional	3/4	Work material: SUS cast iron 160
TORNADO SWORD CNC	2/3H	
Conventional	2/3	Work material: S45C 280
TORNADO SWORD CNC	2/3H	
Conventional	2/3	Work material: SKD61 300