

SLS TILAN 2000



Ideal for cutting thin walled steel- and stainless steel tubes

The Power 2000 saw blade has a thin kerf for cutting thin walled tubes and profiles. A superior surface finish and low friction PVD coating ensure low vibration, less burr and reduced risk of tube-end deformation.

Advantages:

- Low vibration
- Cuts faster and has a longer blade life than the Economy 3000 blade
- Best solution for cutting stainless steel tubes

Applications:

- Ideal for cutting tubes and profiles, both steel and stainless steel
- Suggested cutting speed: 60 - 120 m/min
- Feed: 0,04 - 0,10 mm/tooth
- Machines: automatic

Industry cases:

Material	Dimensions (mm)	Material specs.	Tensile strength (N/mm ²)	Cutting speed (m/min)	Cutting time (sec)	Blade life (cuts)	Blade
tube	38 x 1,5	1.4301		28	9,5 (12)	13.525	
tube	40 x 2,0	1.4301		28	10 (12)	9.761	
tube	40 x 2,0	1.4828		28	6,8 (9,1)	5.700	
tube	34 x 4	207 HV	420	140	3,2 (7,9)	8660	
tube	45 x 9	210 HV	460	120	12 (16)	3540	

Available sizes:

Diameter mm	Kerf mm	Borehole mm
250	1,6	32
275	1,8	40
315	1,8	40
350	1,8	40

Recommended tooth forms:

Tooth form	Usage	Shape tooth form
CB	Chipbreaker tooth form is most effective for tube and profile cutting, particularly with PVD coated blades.	