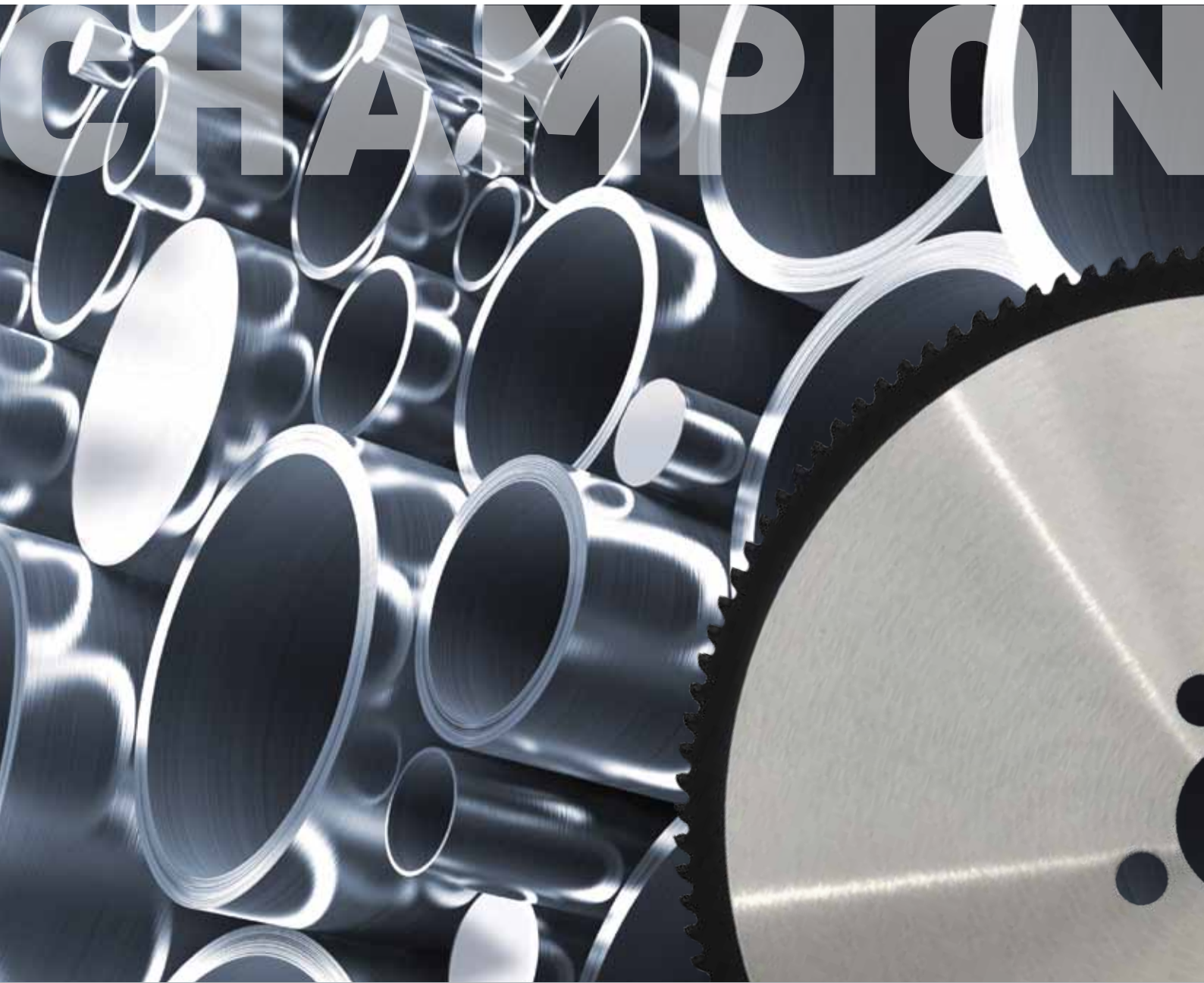




**KINKELDER**<sup>®</sup>  
the cutting experts

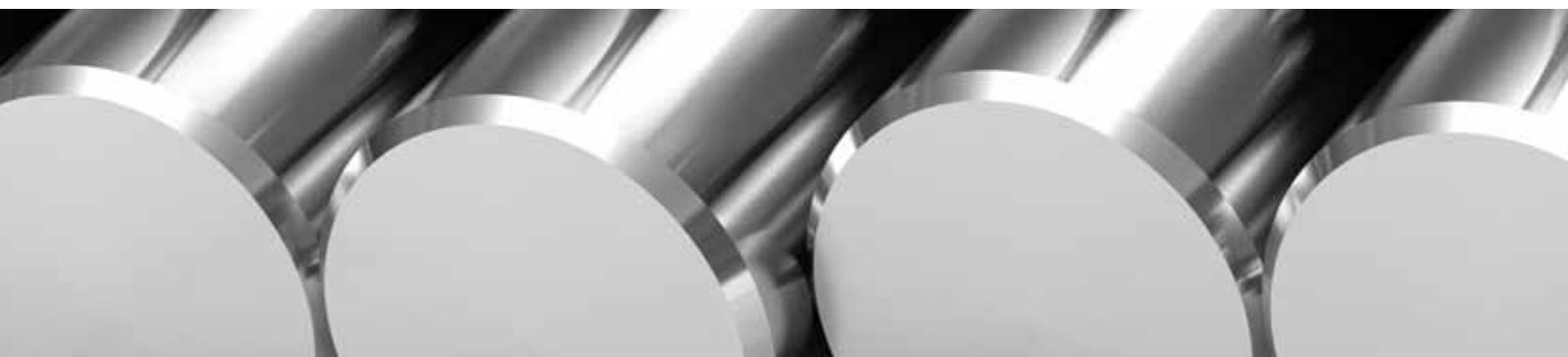
# CHAMPION



## **CHAMPION** **TCT SERIES**

Simply the best for high volume  
steel tube and solid cutting

# Unbeatable in solid cutting



The Champion SL saw blade achieves extended blade life at solid cutting by combining the performance advantages of Cermet with the latest PVD coating technology.

## Advantages

The Champion SL saw blade offers the following benefits:

- High blade life
- Smooth surface
- Low noise
- Low cost per cut



**MATERIAL:** Solid steel with a tensile strength between 400 - 800 N/mm<sup>2</sup>

**PARAMETERS:** Suggested cutting speed: 100 - 180 m/min.  
Feed: 0,04 - 0,11 mm/tooth.

**MACHINE:** RATTUNDE, KASTO, NISHIJIMAX, TSUNE, BEHRINGER, MEGA, EXACTCUT, EVERSING, ETC.

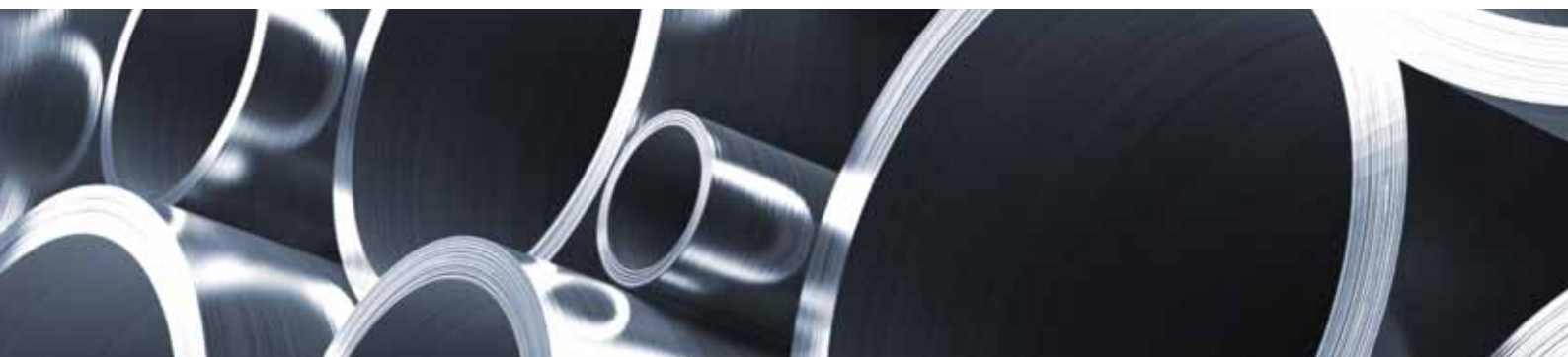
## TYPICAL APPLICATION EXAMPLES

Machines	Material	Dimensions (mm)	Tensile strength (N/mm <sup>2</sup> )	Cutting speed (m/min)	Tooth load (mm/tooth)	Blade life (m <sup>2</sup> )
Rattunde	Solid	Ø 45	600	240	0,04 / 0,07	52
Behringer	Solid	Ø 65	650	160	0,1	86
Everising	Solid	Ø 120	700	140	0,07	52

For more information:

[www.kinkelder.com](http://www.kinkelder.com)

# The top performer on hard tubes



Champion TH is part of a new generation of saw blades - for extremely high output and very long blade life. This product has been developed to cut thin walled tubes with tensile strengths up to 1,800 N/mm<sup>2</sup>.

## Advantages

The Champion TH saw blade can cope with the following 3 extreme cutting conditions:

- Cutting tubes with tensile strengths up to 1,800 N/mm<sup>2</sup>
- Cutting speeds up to 350 m/min
- Very high feed rates



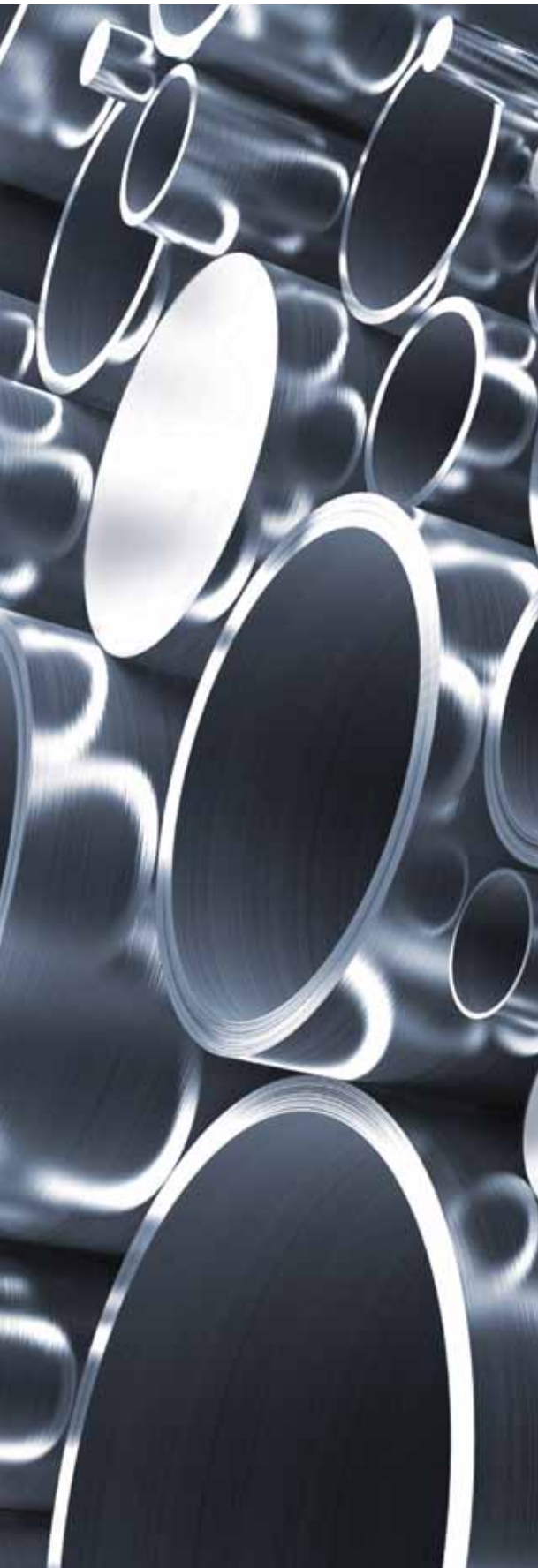
<b>MATERIAL:</b>	Thin walled steel tubes with a tensile strength up to 1800 N/mm <sup>2</sup>
<b>PARAMETERS:</b>	Suggested cutting speed: 200 - 350 m/min. Feed: 0,04 - 0,2 mm/tooth.
<b>MACHINE:</b>	RATTUNDE, SINICO, BEWO, RSA, ADIGE

## TYPICAL APPLICATION EXAMPLES

Material	Dimensions (mm)	Tensile strength (N/mm <sup>2</sup> )	Cutting speed (m/min)	Tooth load (mm/teeth)	Blade life (m <sup>2</sup> )
Seamless tube	25 x 3,25	750	275	0,04 / 0,095	15
Welded tube	42 x 3,0	700	260	0,06 / 0,2	10
Seamless tube	44 x 3,0	1,400	240	0,06 / 0,18	25



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the cutting experts



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