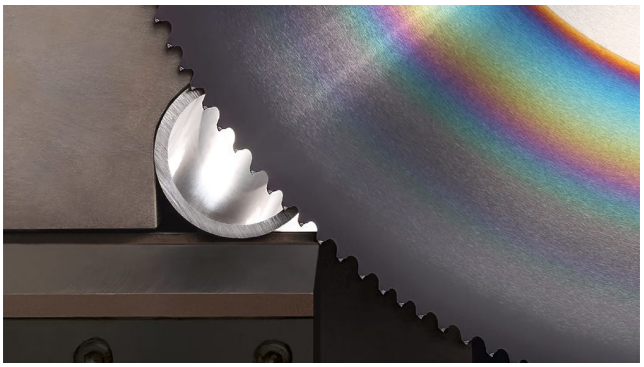
KREOS®

The high-performance circular saw blade with variable tooth pitch for steel pipes and profiles



- innovative tooth geometry for the interrupted cutting channel
- variable tooth pitch
- steels with low carbon levels < 1.5 %

Product information

The high-performance circular saw blade with variable tooth pitch for steel pipes and profiles

Things are really moving at WIKUS. WIKUS demonstrates all its technological and innovative prowess in this new, completely in Spangenberg developed high-tech circular saw blade *KREOS*®.

KREOS® sets standards for processing thin-walled pipes and profiles with small cross-sections and is highly suitable for cutting applications in mass cut production processes as well.

The innovative specific chip space geometry with small variable tooth pitches based on the WIKUS joint technology lend *KREOS*® properties that are unique in the market.
KREOS® stands out to its excellent cutting performance that is up to 40% higher than competitive products, making it THE all-round efficient productive solution.

Your advantages at a glance

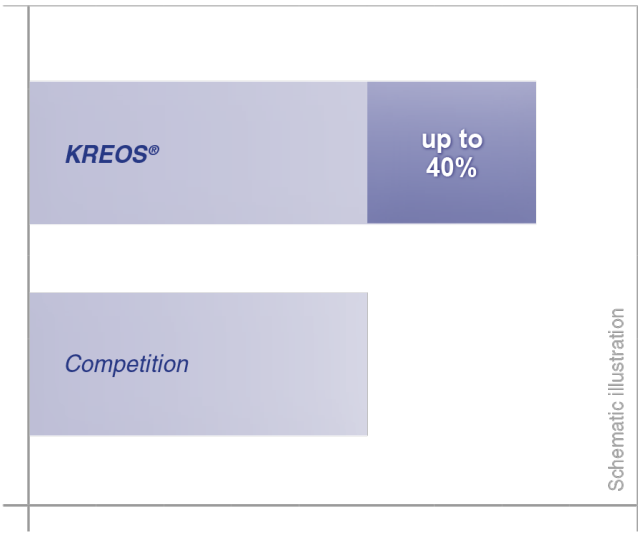
reduction of cutting costs
thanks to reproducible high cutting performance

higher productivity
thanks to small variable tooth pitches with
carbide tips

excellent cutting surface quality
thanks to optimal tip geometry

less saw blade changes and machine downtimes
thanks to a significant increase of blade-life

reduction of sawing noise
thanks to smooth operation with variable tooth pitches



Increase of cutting performance

Application Range

Applications

- thin-walled pipes and profiles
- steels with low carbon levels < 1.5 %, tensile strength up to 1200 N/mm²
- single and multiple cutting
- high-performance circular sawing systems in mass cutting processes

Features

- innovative tooth geometry for the interrupted cutting channel
- variable tooth pitch
- carbide tipped with hard material coating

Technical Data (1/2)

(D)	(S1)	(S2)	(d)	Teeth (T)	Pin holes	
mm	mm	mm	mm	variable	4	2
285,00	2,00	1,75	40,00	84v	4/12/64	
285,00	2,00	1,75	32,00	144v	4/9/50 4/11/63	
285,00	2,50	2,25	40,00	84v	4/12/64	
315,00	2,50	2,25	40,00	66v	4/12/64	
315,00	2,50	2,25	32,00	84v	4/9/50	
315,00	2,50	2,25	32,00	132v	4/9/50	
315,00	2,50	2,25	40,00	132v	4/11/63	
315,00	2,50	2,25	40,00	132v	4/12/64	
315,00	2,50	2,25	50,00	132v	4/16/80	
315,00	2,50	2,25	32,00	168v	4/9/50	
315,00	2,50	2,25	40,00	168v	4/12/64	2/8/55
350,00	2,50	2,25	32,00	144v	4/12/64	
350,00	2,50	2,25	50,00	144v	4/16/80	
350,00	2,50	2,25	50,00	192v	4/16/80	
350,00	2,70	2,50	50,00	120v	4/16/80	
350,00	2,70	2,50	32,00	144v	4/12/64	

Technical Data (2/2)

(D)	(S1)	(S2)	(d)	Teeth (T)	Pin holes	
mm	mm	mm	mm	variable	4	2
350,00	2,70	2,50	50,00	144v	4/16/80	
350,00	2,70	2,50	50,00	168v	4/16/80	
360,00	2,50	2,25	50,00	102v	4/16/80	
400,00	2,70	2,50	50,00	192v	4/16/80	

Materials Overview

- Case-hardening steels, spring steels and ball-bearing steels
- Nitrided steel, high-speed steel and tool steel
- Construction, deep-drawn and machining steels
- Carbon steels, and quenched and tempered steels
- Rust-proof and acid-resistant steels