



**KLINGELNBERG
GROUP**

SLITTER AND SHEETER
KNIVES FOR THE
PAPER CONVERTING INDUSTRY



IKS KLINGELNBERG GROUP · THE KNIFE MANUFACTURERS



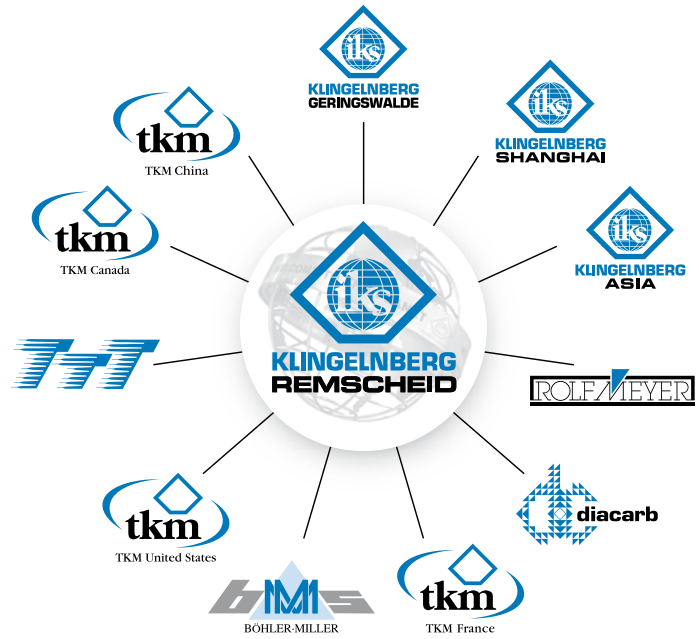


ABOUT US

A long tradition signifies commitment. The history of our company can be traced back to 1863. The manufacturing of machine knives started in 1908. Klingelberg today is numbered as one of the oldest existing machine knife factories in the region called "Bergisches Land". Over the decades, this region has built up a worldwide reputation. Only by constant improvements developing specialised expertise the challenges of the market could be met. Close cooperation with leading steel mills as well as good connections and exceptional partnerships with innovative key customers have guaranteed a continuing positive development.



IKS Klingelberg GmbH, Remscheid
Headquarters



The IKS Klingelberg Group

Constantly expanding production facilities in Europe and overseas and their highly skilled employees provide flexibility and a high quality level of production.



Böhler-Miller Messer- u. Sägen GmbH, Böhlerwerk
Sales and Production



IKS Messerfabrik Geringswalde GmbH, Geringswalde
Production

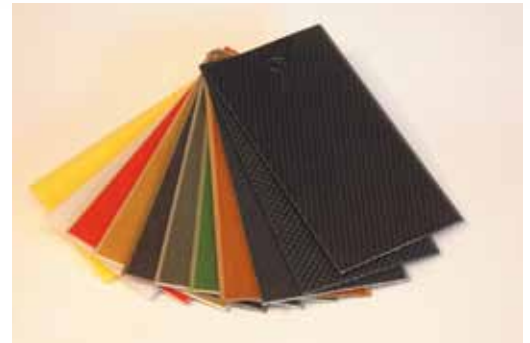


Rolf Meyer GmbH, Bargteheide
Sales and Production



PRODUCTS

- slitter top knives
- slitter bottom knives
- multi knife blocks
- circular dished knives
- single bottom knives
- core cutting knives
- reel splitting knives
- sheeter cut-off knives
- doctor/creping blades
- chipper knives



All products manufactured according to OEM or customers specification.

SLITTER KNIVES

High precision slitter knives made from tool steel, HCHC, HSS, powder sintered steel as well as Tungsten Carbide or Ceramic tipped. Most common knives available from stock.



SHEETER KNIVES

High precision sheeter knives made from tool steel, HCHC, HSS, powder sintered steel as well as Tungsten Carbide.



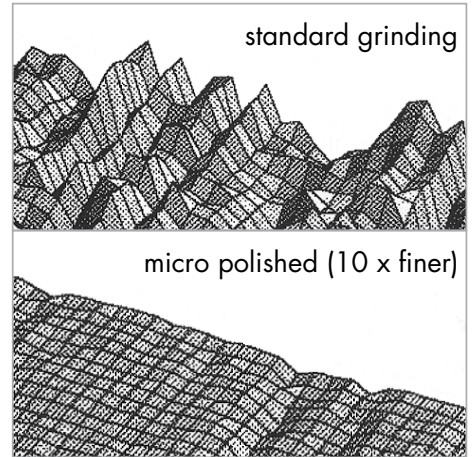
HYPERWAVE

The New Generation.
Special geometry for
a better cut and less
dust.



MICRO-FINISH

New standard for sheeter knives.



TC-KNIVES

Micro-polished TC-tipped sheeter knives of the latest generation for longest life time, best cutting performance (depending on paper grade) and easier knife setting.

Note:

TC-tipped knives are not always the best choice.
We like to give advice.



CHORD-TOOL

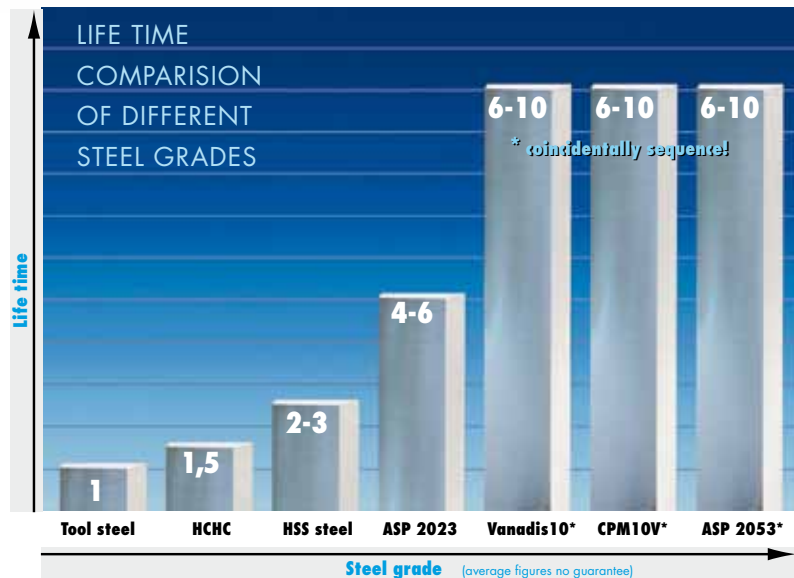
Easy knife adjustment



STEEL GRADES

Excellent slitting performance - a result of the right choice

ASP2023 + ASP2053 best price-performance ratio, thus recommended as standard and available within short.

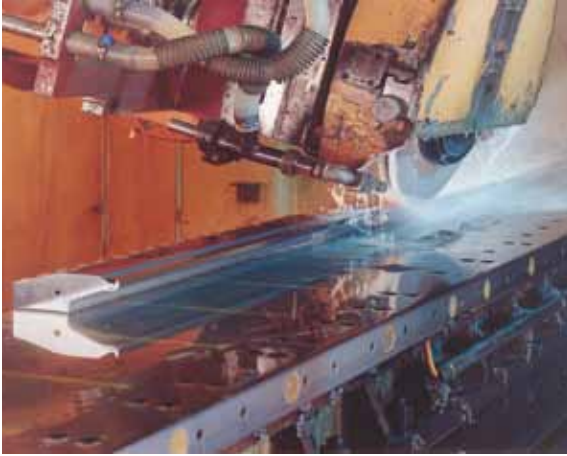


QUALITY

The trend towards higher demands in a perfect paper-cut has lead to the development of high precision machine knives. We commit ourselves to a high product reliability based on a constantly high quality level of our production, in order to guarantee secured processes and reproducible results.

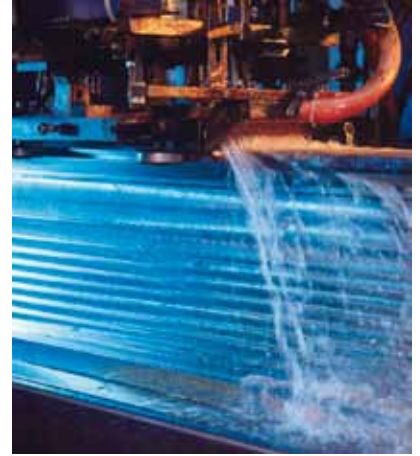
POPULAR STEEL GRADES					
Steel Grade	No.	Composition (Alloys)	Hardness in HRC	life time (about) sheeter knives	life time (about) slitter knives
Tool Steel					
	AISI L3	1,5% Cr	59 +/- 1		1 (Basis)
HCHC					
	AISI D2	12% Cr, 0,7% M, 1% V	59 +/- 1	1 (Basis)	1,5
	AISI D6	12% Cr, 0,7% Tungsten	59 +/- 1	1 (Basis)	1,5
HSS (High Speed Steel)					
	AISI M2	4,2% Cr, 5% Mo, 2% V, 6,5% Tungsten	62 +/- 1	1,5 - 2	2 - 3
	AISI T1	4,2% Cr, 1,1%V, 18% Tungsten	62 +/- 1	2 - 2,5	
Powdermetallurgical HSS					
1. Generation PM-Steel					
	ASP2023	4,2% Cr, 5% Mo, 3% V, 6,5% Tungsten	64 +/- 1	3 - 4	4 - 6
2. Generation PM-Steel					
	ASP2053	4,2% Cr, 3,1% Mo, 8% V, 4,2% Tungsten	64 +/- 1	} 5 - 8	} 6 - 10
	CPM10V	5,25%Cr, 1,3%Mo, 9,75%V,	64 +/- 1		
	VANADIS 10	8%Cr, 1,5%Mo, 9,8% V	64 +/- 1		

average figures no guarantee



GRINDING SERVICE

Resharpener knives must also provide secured processes and reproducible results. We can provide accurate re-grinding services in a short turn-a-round time. This offers reliable and professional know how from the machine knife manufacturer without the risk of losing accuracy of the tooling. Special containers and boxes for the storage and transportation of high precision tooling can be supplied.



SERVICE & MORE

TCC =
TOTAL
CUTTING
CONCEPT

Our competent sales team shall be pleased to give advice.



SEMINARS + TRAININGS

- individual topics
- locally at your premises

Please request for further information.



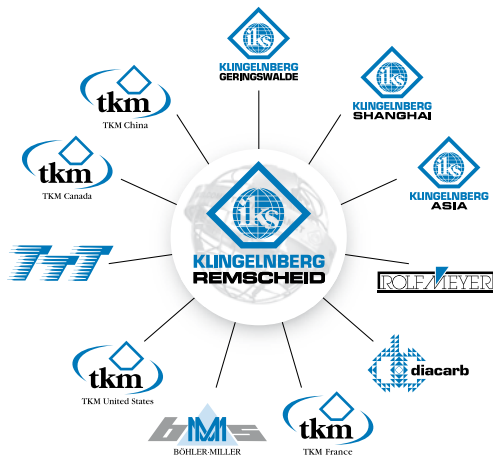


RELIABILITY

The constant modernization of manufacturing equipment over the last 10 years has led to an increase in capacity, which has clearly reduced the delivery time in favour of our customers. Today, most common knives are available from stock. We aim for our customers' satisfaction.

Since 1995 we have been certified to DIN EN ISO 9001. We obtained the registration under No. Q-20529-081 from TÜG in June 2008, according to DIN EN ISO 9001:2000.





DIE IKS KLINGELBERG GRUPPE
THE IKS KLINGELBERG GROUP



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| <p>MESSER FÜR DIE
PAPIER-INDUSTRIE</p> <p>MESSER FÜR DIE
METALL-INDUSTRIE</p> <p>MESSER FÜR DIE
HOLZ-INDUSTRIE</p> <p>MESSER FÜR DIE
KUNSTSTOFF-, GUMMI-
& RECYCLING-INDUSTRIE</p> | <p>KNIVES FOR THE
PAPER-INDUSTRY</p> <p>KNIVES FOR THE
METAL-INDUSTRY</p> <p>KNIVES FOR THE
WOOD-INDUSTRY</p> <p>KNIVES FOR THE
PLASTIC, RUBBER &
RECYCLING INDUSTRY</p> |
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