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Centerless lathe peeling tool (skiving tool)

无心车床剥皮刀

全新
起航

CEMENTED CARBIDE TOOLS

株洲威克多硬质合金有限公司

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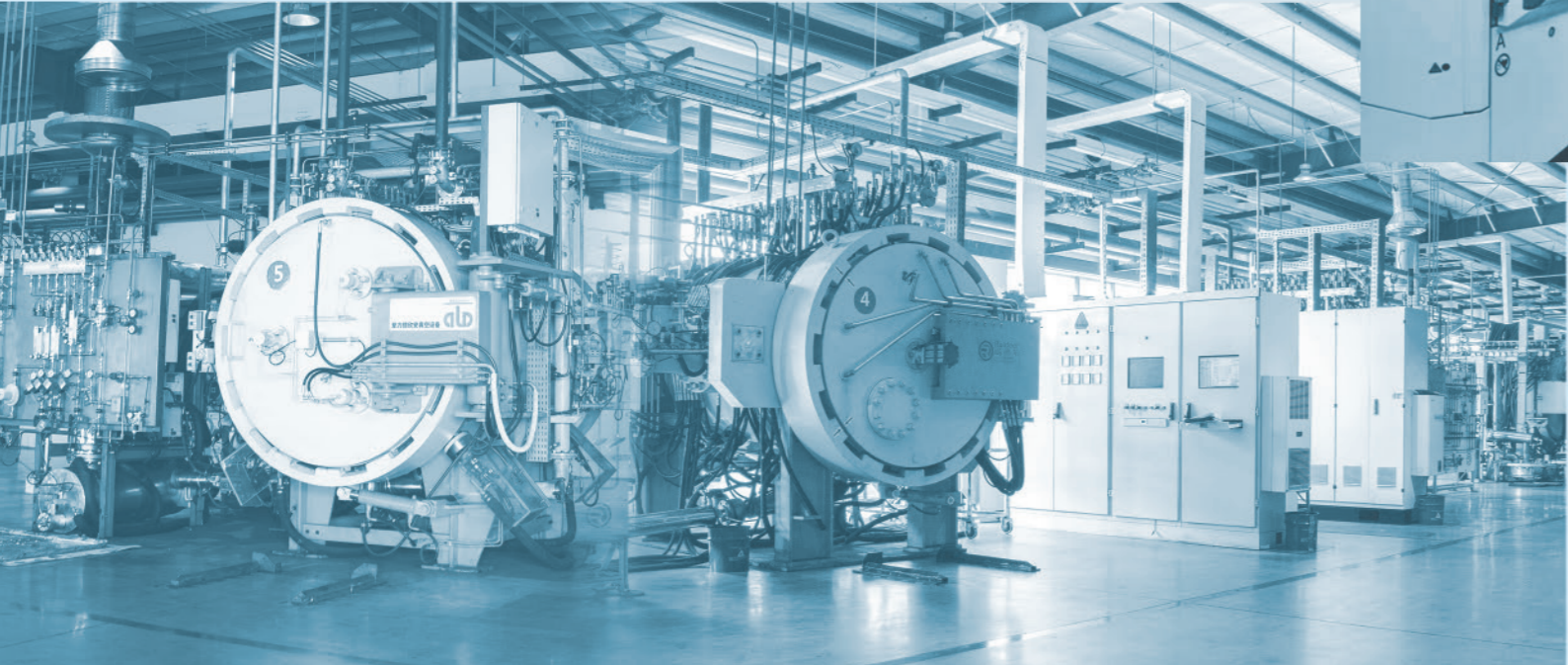
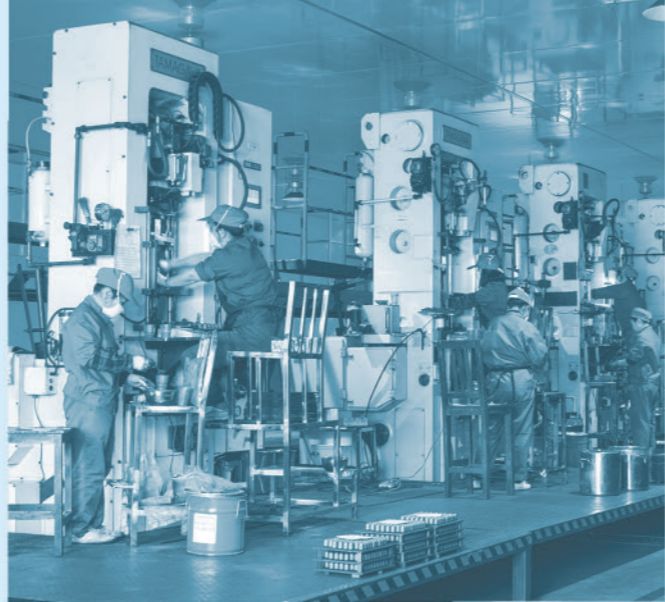
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The centerless lathe peeling tool (skiving tool) is used for turning operations on round bars, tubes, and coiled wire rods made of steel (e.g., stainless steel, bearing steel, alloy steel, spring steel), copper, titanium, magnesium, aluminum, and other materials. It can rapidly remove surface defects such as cracks, oxidized layers, or decarburized layers, producing high-precision, high-quality bright-finished bars, tubes, and wires. Its efficiency is several to over ten times higher than conventional processes.

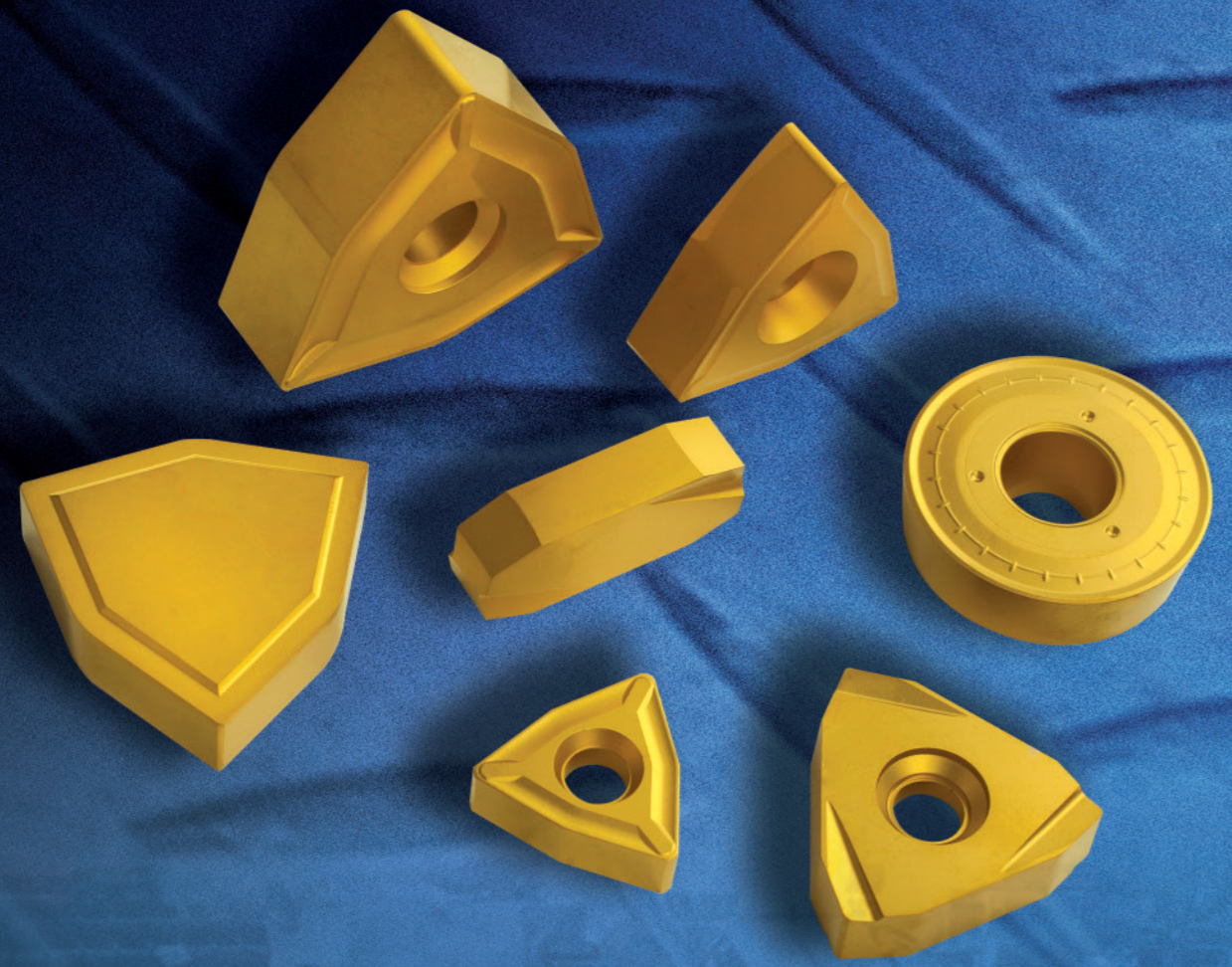
VKD Tools Material recommendation

牌号 (Grade)	加工对象材质 (Machining objects)
KP251S	ISO-P PVD-coated grades, featuring ultra-fine grain carbide substrates with excellent toughness and TiAlN-based nano-coatings, are designed for machining carbon steels and alloy steels under stable working conditions.
KM251S	ISO-M PVD coating grade, ultra-fine particle carbide, TiAlN-based nano-coating, has extremely high wear resistance and is suitable for stainless steel processing under stable working conditions.
KM451S	ISO-M PVD coating grade, high strength and plastic deformation resistance substrate, TiAlN-based nano-coating, suitable for stainless steel processing with high requirements on edge safety such as intermittent processing.
KS204S	ISO-S PVD coating grade, high strength, high red hardness substrate, suitable for processing high temperature resistant alloy steel and other materials.
KP254U	ISO-P CVD coating grade, using a substrate with good plastic deformation resistance and edge strength, fine-grained Al ₂ O ₃ and the underlying fine and tough TiCN are closely combined, making cutting more stable. Suitable for semi-finishing to rough machining of steel parts.
KM201U	ISO-M CVD coating grade, ultra-fine particle cemented carbide, with high temperature resistant TiCN coating, can achieve wear resistance and stable cutting, suitable for high hardness stainless steel processing such as double-free stainless steel.
KM451U	ISO-M CVD coating grade, high strength and plastic deformation resistant substrate, large allowance and other unstable cutting can maintain good safety. Suitable for semi-finishing to rough machining of stainless steel.
KS201U	ISO-S CVD coating grade, high strength, high red hardness substrate, excellent wear resistance, suitable for processing high temperature resistant alloy steel and other materials.



扒皮新品
New

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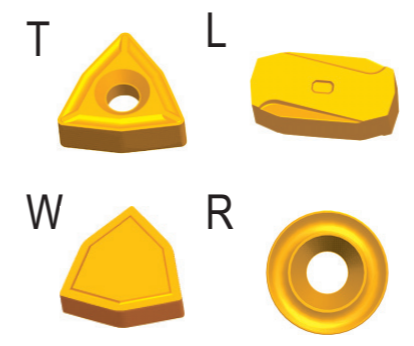


VKD insert naming convention

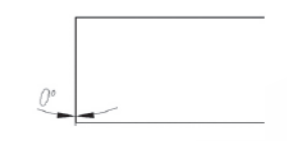
T **N** **M** **X** **15** **09** **R** - **WPR3**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Shape

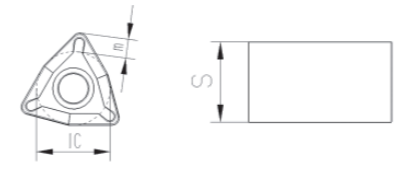


② Rear Angle N=0°



③ Tolerance

	m	S	IC
G	±0.025	±0.13	±0.025
M	±0.08-±0.20	±0.13	±0.05-±0.15



④ HG N-No holes and no grooves
X-Special Types

⑤ Cutting edge length

⑥ Thickness 06-6.35mm
08-8mm
09-9.52mm
10-10mm
11-11.25mm
12-12.75mm
13-13mm

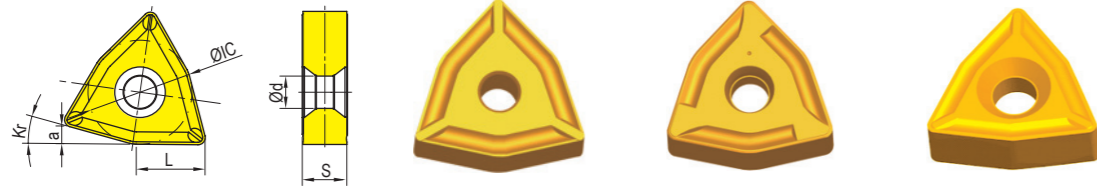
⑦ Cutting direction R- Right
L - Left

⑧ Groove code W—Wiper
P—Processing materials
R—Processing Category
3—Groove Code



Code-T

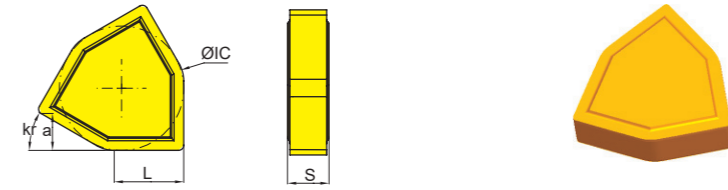
unit: mm



Steel (P)									●							
Stainless steel (M)	●	●	●							●						
Non-ferrous Metals (N)																
Heat Resistance Material (S)										●						
	Grade								Dimension							
Model	KP251S	KP251P	KM201P	KM251S	KM451S	KS204S	KP254U	KM201U	KM451U	KS201U	L	IC	S	d	Kr	a
TNMX3213-PR2							★		★		15.8	32	13	9	15°	7.9
TNMX3112L-WSM							☆		☆	★	15.8	31.75	12.75	9	15°	7.6
TNMX1106L/R-WPR	★	☆		★			☆				11.0	15.87	6.41	6.4	15°	2.4
TNMX1509L/R-WPR1							★		★	☆	14.8	22.22	9.55	7.9	15°	3.5
TNMX1509L/R-WPR2							★		★	☆	14.8	22.22	9.55	6.9	15°	3.5
TNMX1509L/R-WPR3							★		★	☆	14.8	22.15	9.75	7.9	15°	3.7

Code-W

unit: mm

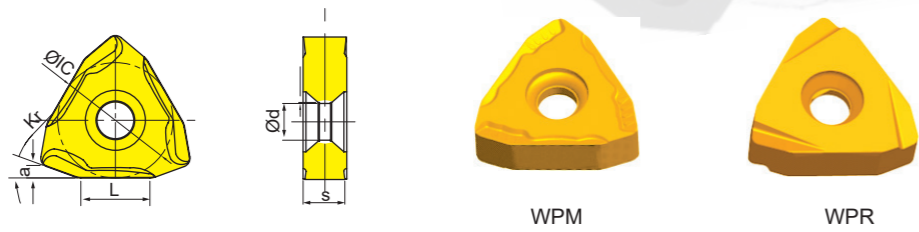


Steel (P)															
Stainless steel (M)			●							●					
Cast Iron (K)															
Non-ferrous Metals (N)															
Heat Resistance Material (S)															●
High Hardness Materials (H)															
	Grade							Dimension							
Model	KP251S	KM201P	KM451S	KS204S	KP254U	KM201U	KM451U	KS201U	L	IC	S	d	Kr	a	
WNGF28M9-WR			☆		★	★		★	16	28.6	9.55		30°	8.5	
WNGF28M9					★	★		★	16	28.6	9.55		30°	8.5	

★The main grade are in stock ☆Alternative grades

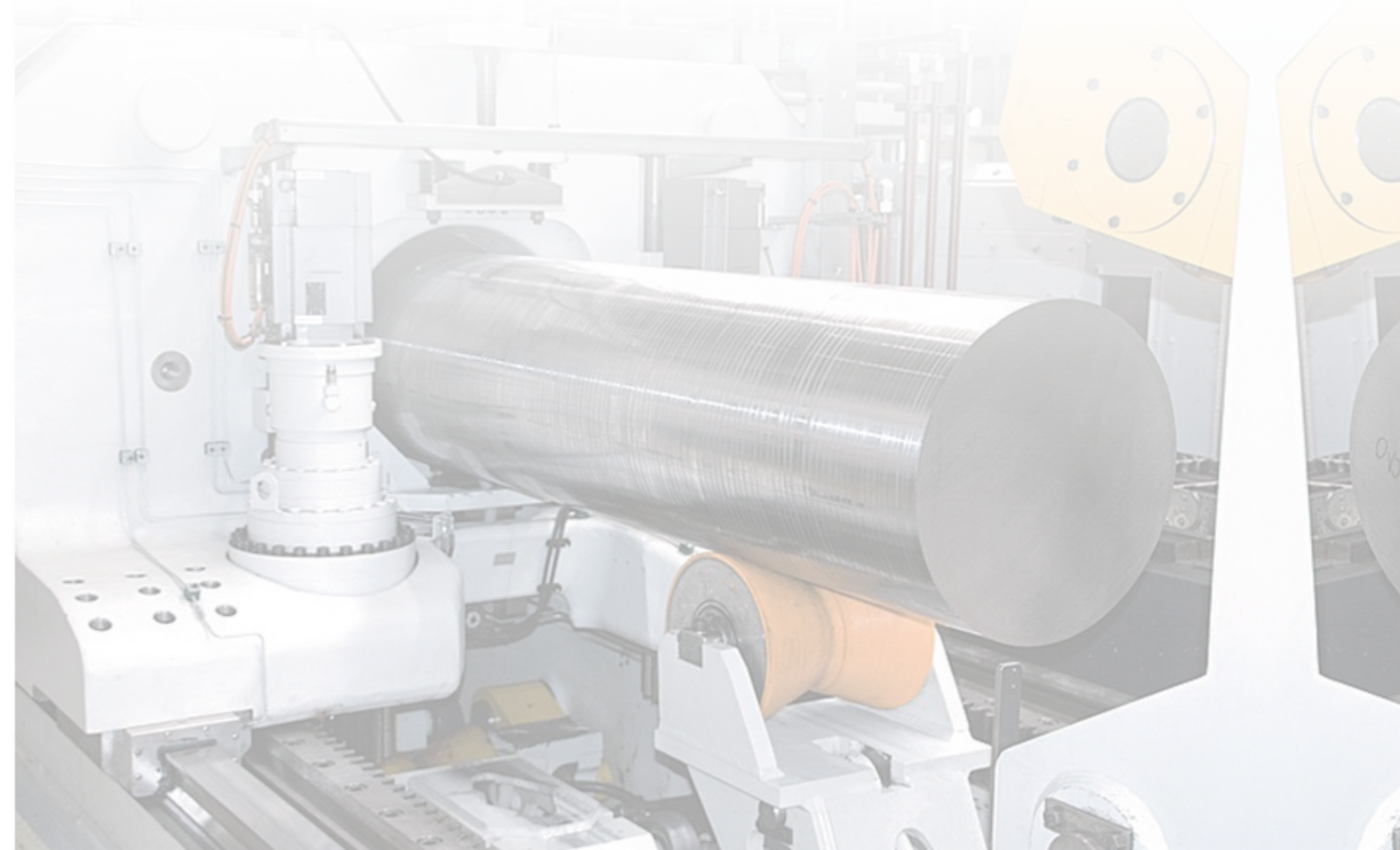
Code-T

unit: mm



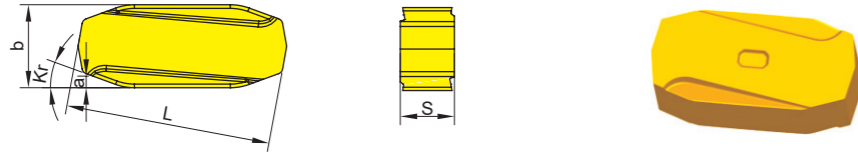
Steel (P)			●		●										
Stainless steel (M)	●	●	●												
Cast Iron (K)						●									
Non-ferrous Metals (N)															
Heat Resistance Material (S)										●					
High Hardness Materials (H)							●								
	Grade								Dimension						
Model	KP251S	KM201P	KM451S	KS204S	KP254U	KM201U	KM451U	KS201U	L	IC	S	d	Kr	a	
TNMX2208L/R-WPM	★	★	★		★				15.24	22.1	8	7.1	20°	2.5	
TNMX2208L/R-WPR	★	★	★		★				15.24	22.1	8	7.1	20°	2.5	

★The main brands are in stock ☆Alternative grades



Code-L

unit: mm



Steel (P)							●							
Stainless steel (M)	●	●												
Cast Iron (K)														
Non-ferrous Metals (N)														
Heat Resistance Material (S)									●					
High Hardness Materials (H)														
Grade								Dimension						
Model	KP251S	KM201P	KM451S	KS204S	KP254U	KM201U	KM451U	KS201U	L	S	b	d	Kr	a
LNKN211004L-WPR		★							21	10	4.5		20°	1.3
LNKN211006L-WPR		★							21	10	6.0		20°	1.3
LNKN301207L-WMR					★				30.6	12	7.8		20°	2.4
LNKN301207L/R-WPR					★	★		☆	30.6	12	7.8		20°	2.4
LNKN371812L/R-WMR			★		★				36.4	18	12.45		20°	2.7

Code-R

unit: mm



Steel (P)	●													
Stainless steel (M)								●						
Cast Iron (K)														
Non-ferrous Metals (N)														
Heat Resistance Material (S)													●	
High Hardness Materials (H)														
Grade								Dimension						
Model	KP251S	KM201P	KM451S	KS204S	KP254U	KM201U	KM451U	KS201U	R	d	S			
RCMX3209MO-BPR	★						★		32.0	9.6	8.52			
RNMH3812MO-SR		★						★	38.1	12.5	12.8			

★The main brands are in stock ☆Alternative grades

