

Ceramic

Grade	Hardness (HRA)	Application	Feature	Turning	Grooving	Milling	Drilling
LX11	94.0	H - Alumina base - Excellent chipping resistance in continuous cutting of cast iron					
New TZ120	93.0	K - Alumina zirconia based - Excellent wear resistance for high-speed machining of cast iron					
LX21	94.0	K - Alumina base - Suitable for continuous cutting of high-hardened material					
FX105	93.0	K - Silicon nitride base - Suitable for high-speed machining of cast iron					
CX710	92.9	K - Silicon nitride base - Suitable for high-speed machining of cast iron					
TW43	94.0	S - Whisker-reinforced Al ₂ O ₃ ceramic for super alloy machining.					
New TS200	93.1	S - SiAlON ceramic for super alloy semi finish machining					
New TS300	94.3	S - SiAlON ceramic for super alloy rough machining					
New FX510	94.0	S K N - Sialon base - Suitable for heat-resistant alloy, such as nickel-based alloy					

Cermet

Grade	Coating Main composition	Thick- ness / μm	Applica- tion	Feature	Turning	Grooving	Milling	Drilling
New AT9530	(Ti,Al)N laminated coating	3	P - High wear resistance - First choice for machining alloy steel					
GT9530	Ti(C, N, O)	3	P K - High wear resistance - Excellent surface quality in finishing					
J9530	TiN	1	For Swiss lathes - Suitable for small-part machining					
NS9530	Uncoated	-	P K - High fracture resistance - Suitable for finishing to medium cutting of steel					
NS740	Uncoated	-	P - High resistance to fracture and thermal crack - High-rigidity grade for milling					
NS520	Uncoated	-	P K - High wear resistance					
GT720	Ti(C, N, O)	3	P K - High wear resistance in face milling at high speed					
X407	Uncoated	-	P - High wear resistance in finishing with dry cutting					
N308	Uncoated	-	P - High wear resistance					

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