NEW!

STAINLESS STEEL TURNING SOLUTIONS

Complete Grade Profile for Turning Stainless Steels

- Optimized range of premium carbide substrates
- Latest generation CVD and PVD coatings

M
Stainless Steel

ISO	Grade Designation	Coating Type	Application
M Stainless Steel	**GM1115**	**CVD**	Best suited for stable conditions and high cutting speed applications. Outstanding wear resistance and coating adhesion properties. Post-coating treatment provides smoother cutting zone interface for reduced built-up edge and longer tool life.
	GM1125	**CVD**	Gradient-sintered tough substrate with excellent wear resistance – even at elevated cutting speeds. Excels at medium to high cutting speed applications, continuous cutting to moderate interruptions.
	GM3215	**PVD**	TiAlN Nano-Structure PVD-coated grade with exceptional balance of wear resistance and toughness. Well suited for stainless steel applications in stable conditions at medium cutting speeds.
	GM3225	**PVD**	Most versatile grade for stainless, with broadest working area. Optimized TiAlN PVD-coated grade, on tough, high-Co substrate. Superior performance at low to medium cutting speeds, continuous cutting to moderate interruptions.

wear resistance ↕ toughness

231101

TechMet

Call 877 872-0044
Visit techmet-carbide.com

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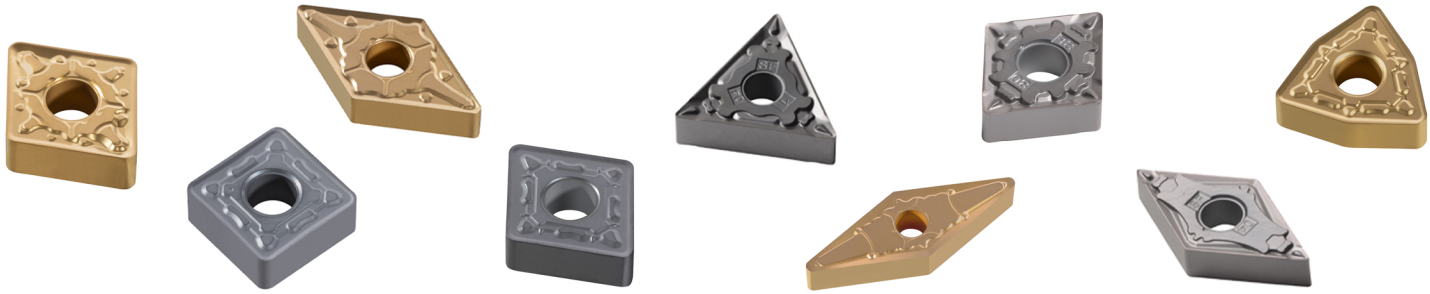
STAINLESS STEEL TURNING SOLUTIONS



Premium Performance and Unbeatable Value

M
Stainless Steel

Advanced Geometry Chipbreaker Designs		
LR	**Roughing** • Unique "double-positive" chipbreaker • Optimized chip control at larger depths of cut • Reinforced edgeline for roughing • Depths of cut .060" - .200" • Feed range .006" - .020"	
LM	**Medium Machining** • Lower cutting forces with high edge sharpness • Precision micro-edge geometry optimized for stainless steel • Extremely broad application range • Depths of cut .030" - .150" • Feed range .004" - .016"	
SF	**Finishing** • Ultra-sharp cutting edge • Smooth, free cutting action without burrs • Excellent workpiece surface finish • Depths of cut .004" - .060" • Feed range .002" - .012"