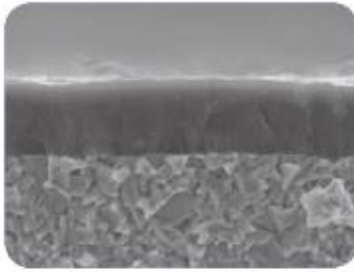


3. Новые сплавы и стружколомы для обработки нержавеющей стали.

Widely used in valve, pipe fitting, flange, bathroom and general machinery industry. •
Special chip-breaker design for semi-finishing to roughing , guarantee for both edge •
sharpness and intensity ,and with wide applicable range. •
Including LM series and LR series ,with new grades for stainless steel such as GM3225, •
GM3215, GM1115 ,cover most working conditions of stainless steel turning. •



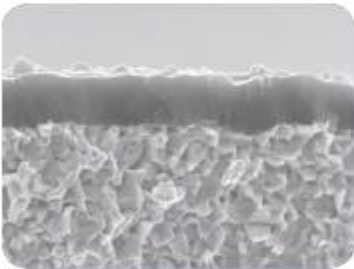


NEW

PVD Grade for Stainless Steel Turning with High versatility : GM3225

Optimized combination of TiAlN coating and micro-grain carbide substrate with high Co content provide superior adhesion resistance and toughness.

Suitable for semi-finishing to roughing of stainless steel with medium or low speed.

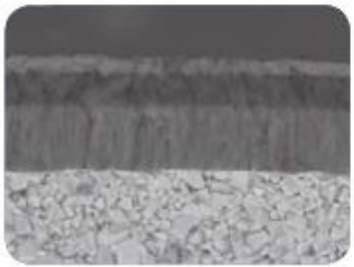


NEW

PVD Grade for Stainless Steel Turning with High abrasive wear resistance : GM3215

New TiAlN coating on submicron substrate with strong adhesion, superior wear resistance and good heat resistance.

Suitable for ISO M & S in stable condition with medium speed.



NEW

CVD Grade for Stainless Steel Turning with High abrasive wear resistance : GM1115

Brand New Thinner Al₂O₃ and Nano MT-TiCN coating , on good toughness gradient carbide substrate, with good wear resistance , superior adhesion resistance and longer tool life.

Suitable for ISO M in stable condition with high speed.

Overview of Negative Turning Inserts for Stainless steel

Geometry	Features	Application Range	Cross Section Geometry
LM	<ul style="list-style-type: none"> For semi-finishing of stainless steel and HRSA Variable rake angle & variable edge width design, guarantee for both edge sharpness and intensity Heart-shaped chip breaker, with wide applicable range 		
LR	<ul style="list-style-type: none"> For roughing of stainless steel Small rake angle & large edge width design, improved the strength of the tip Wide groove width & shallow groove depth design, smooth chip evacuation 		
LF	<ul style="list-style-type: none"> For finishing to semi-finishing of stainless steel Small cutting edge width & large rake angle design, improved the strength of the tip Curved cutting edge design, good chip control 		
LV	<ul style="list-style-type: none"> For semi-finishing to roughing of stainless steel Zero edge width & throughout groove design, shape cutting edge, low cutting forces Large chip groove design, smooth chip evacuation in large cutting depth 		