

Strictly Confidential



Product Portfolio

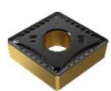
Turning

January 2020

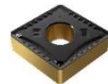
Turning Grade Overview

TURNING Grades

Turning Grades	P Steel				M Stainless Steel				K Cast Iron				N Non Ferrous Metals				S Heat Resistant Super Alloy				H Hardened Materials				
	05	15	25	35	05	15	25	35	05	15	25	35	05	15	25	35	05	15	25	35	05	15	25	35	
CVD	YG1001	1001								1001															
	YG3010		3010								3010														
	YG3015			3015																					
	YG3020				3020																				
	YG3030					3030																			
PVD	YG211					211																			
	YG213						213																		
	YG214							214													214				
	YG801				801																				
DLC	YG100																100								
-	YG10																10								



YG1001 P01-P10 K10-K25
High Productivity Grade
For Stable Steel and Grey
Cast Iron



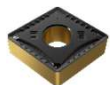
YG3020 P15-P30
First Choice for production
Steel Applications



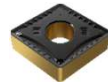
YG211 M05-M25 S05-S25
Excellent wear resistance in
stable conditions in stainless



YG10 N05-N35
Uncoated grade for Aluminum



YG3010 P05-P15 K15-K35
First Choice for Finishing
Steels and Ductile Cast Iron



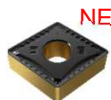
YG3030 P20-P35 M20-M35
High Toughness grade
Interrupted Steel and Stainless
steel



YG213 M25-M40 S25-S40
First choice for general
Stainless



YG100 N05-N35
High Performance DLC grade
for Aluminum



NEW
YG3015 P10-P20
Highly versatile Steel
Applications



YG801 P10-P30
PVD for low carbon steel
and low cutting speed

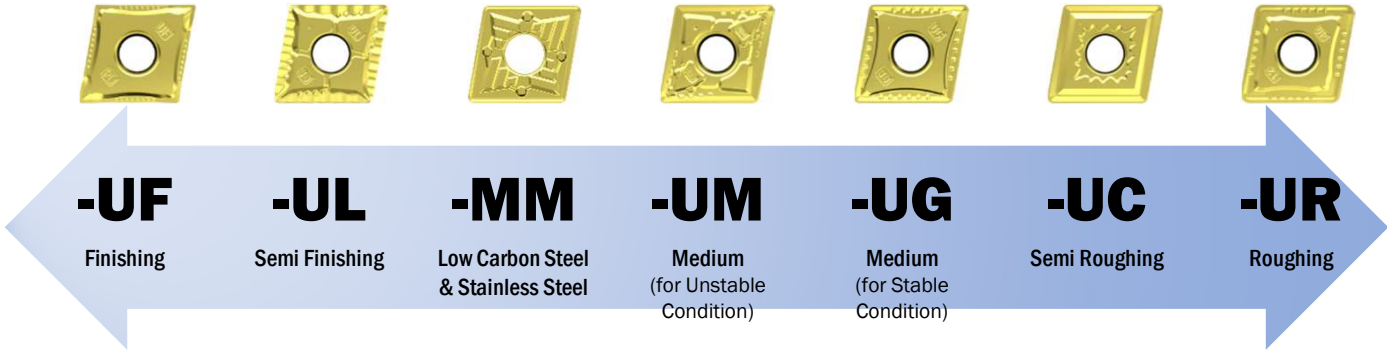


YG214 M30-M50 S30-S50
For toughness demanding
applications in stainless
and skin/scale cuts in Heat
Resistant Super Alloy

Steel Turning



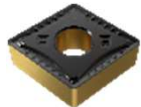
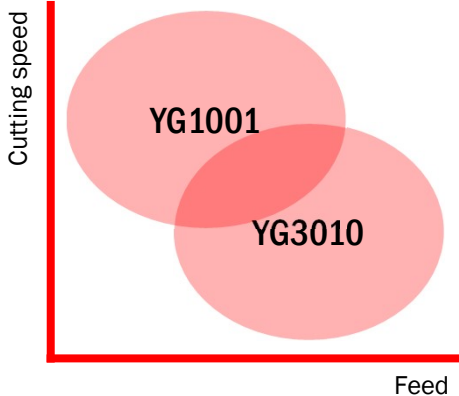
Chipbreakers



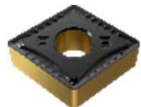


Cast Iron Turning

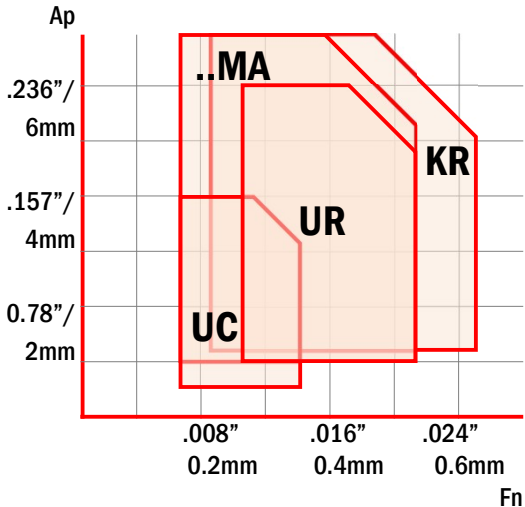
Cast Iron Grades



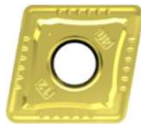
YG1001 cvd **P01-P10 K10-K25**
First Choice for Grey Cast Iron



YG3010 cvd **P05-P20 K15-K35**
First Choice for Ductile Cast Iron



-UC
General



-UR
Roughing



..MA
Non-Chipbreaker Type
For Grey cast iron

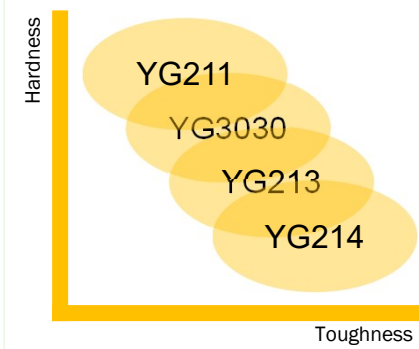


-KR
Heavy Roughing
Big K-Land



Turning Stainless Steel

Stainless Steel Grades



HARD ↑

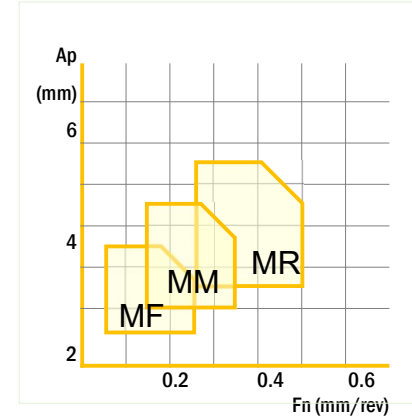
TOUGH ↓

NEW  **YG211** PVD M05-M20 S05-S25
Hard grade for Continuous Cut

 **YG3030** CVD P20-P35 M10-M30
CVD grade for High cutting speed

NEW  **YG213** PVD M25-M40 S25-S40
Tough grade for Roughing

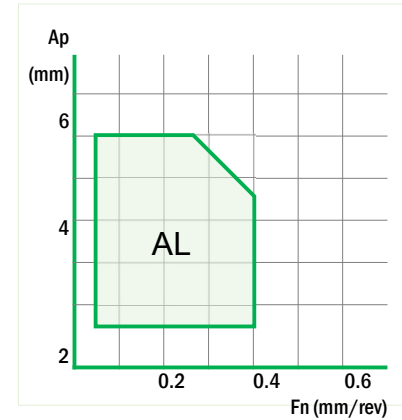
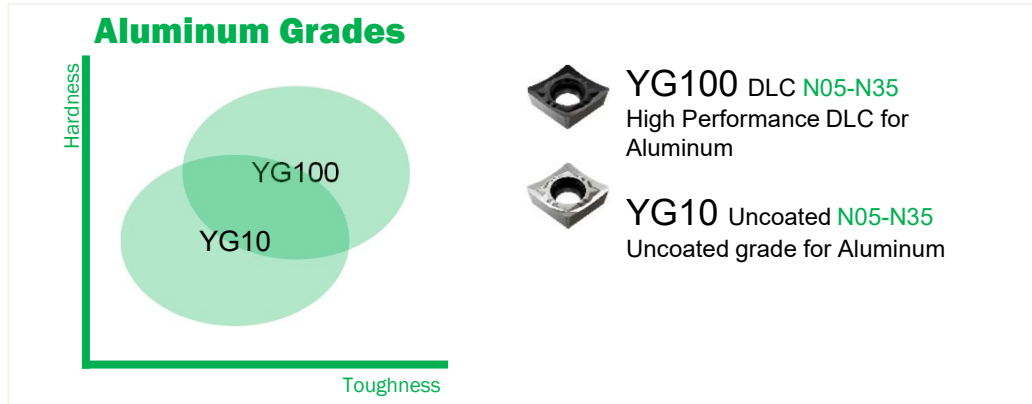
NEW  **YG214** PVD M30-M50 S30-S50
Extremely Tough grade for Interrupted Cut



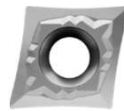
Chipbreakers



Turning Aluminum



Chipbreaker



-AL

Aluminum
(Non Ferrous
Metals)



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