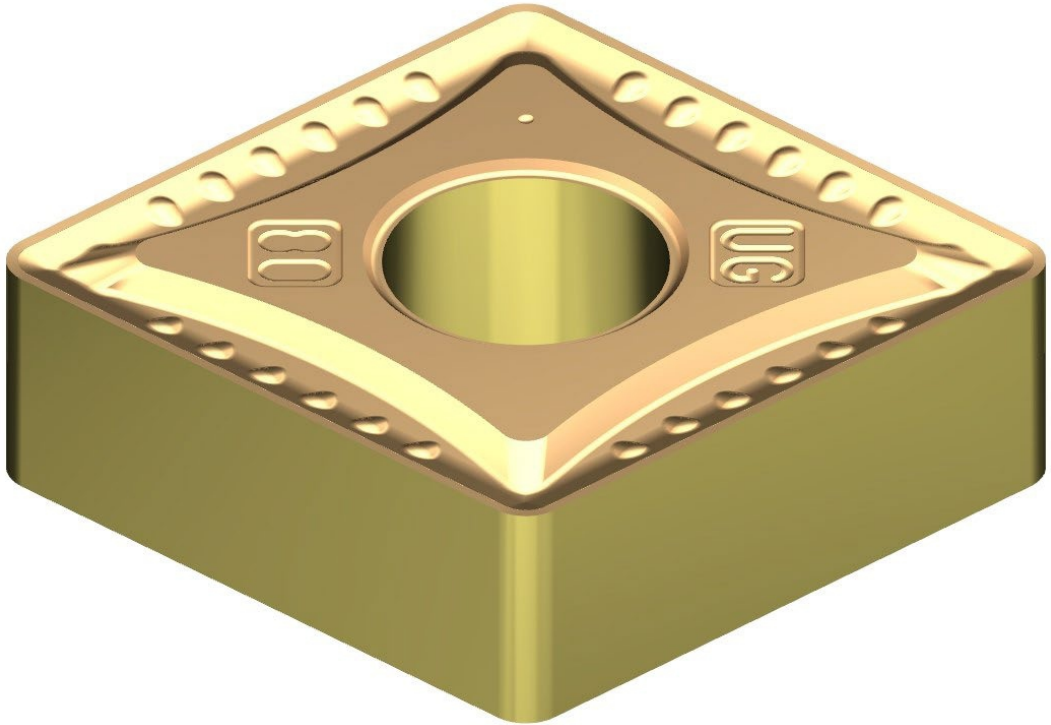


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New CVD Turning Grade for Steel

YG3125

New technology developed by YG-1 results in the most efficient performance and stable CVD steel grade in the market



New CVD coated grade YG3125

Grade Information

1st choice for machining on Steel

YG-1 has launched YG3125, a grade designed for machining in steel applications.

With YG3125's special substrate and advanced coating technology, YG3125 can be the 1st choice for those who want high productivity.

The substrate for YG3125 has excellent toughness and heat resistance, which enhance tool life. Newly designed WC size and binder contents create a substrate that is well balanced between hardness and toughness. YG3125 can take the generated heat during machining and perform well in interrupted cuts.

New generation coating helps you to increase your productivity. YG3125 applied a special Al₂O₃ coating technology. This special coating increases wear resistance and tool life. Excellent coating ultimately can help you productively and economically too.

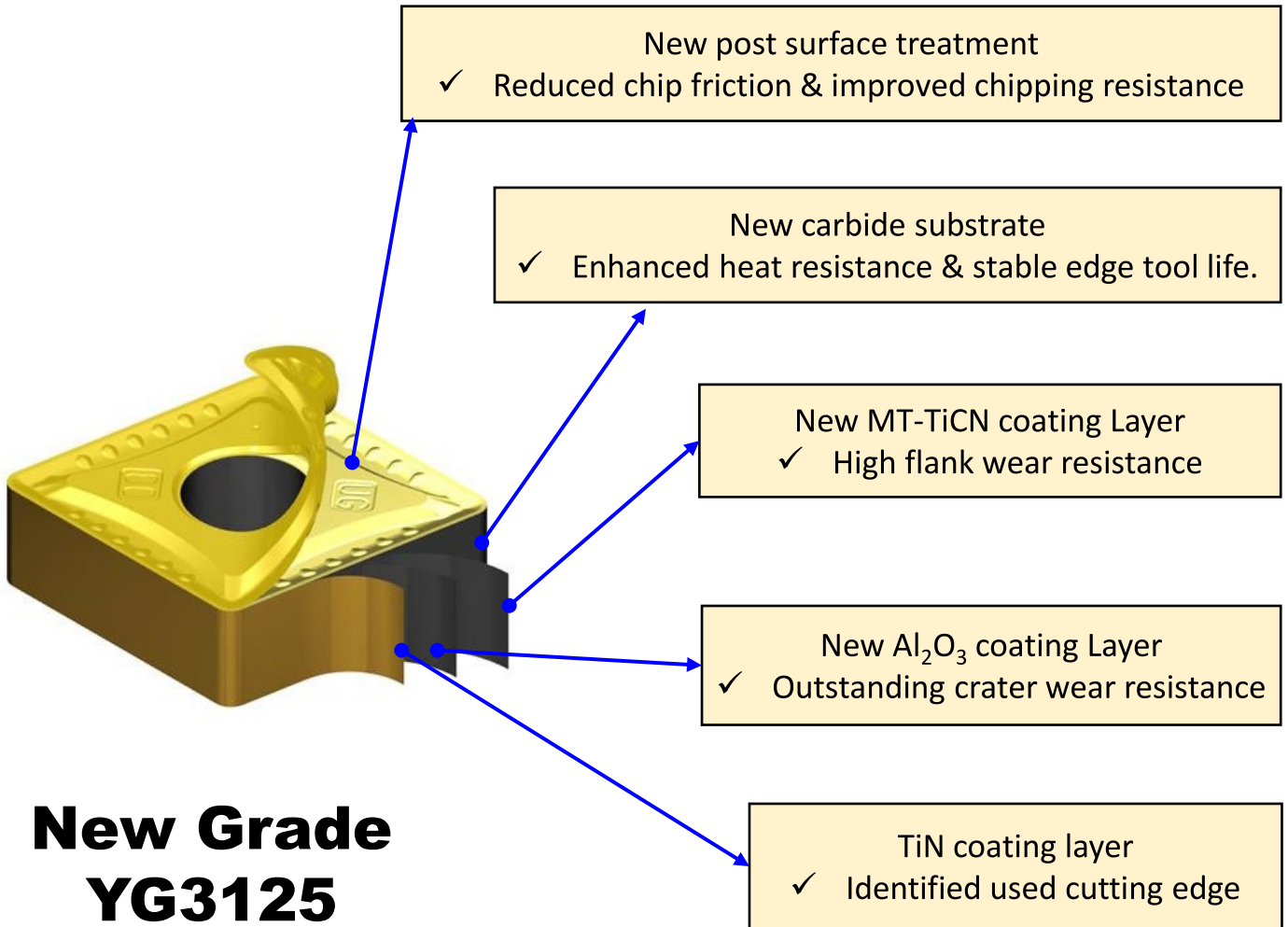
At the final stage, we applied a surface treatment that maximizes these advantages. A shiny gold color appearance produces high-level surface finish that aids in soft chip control. The bright colors help to increase visibility of used edges and reduce costs.

Simply, YG3125 is the best choice for machining on steel.

New CVD coated grade YG3125

Grade Information

Grade Features

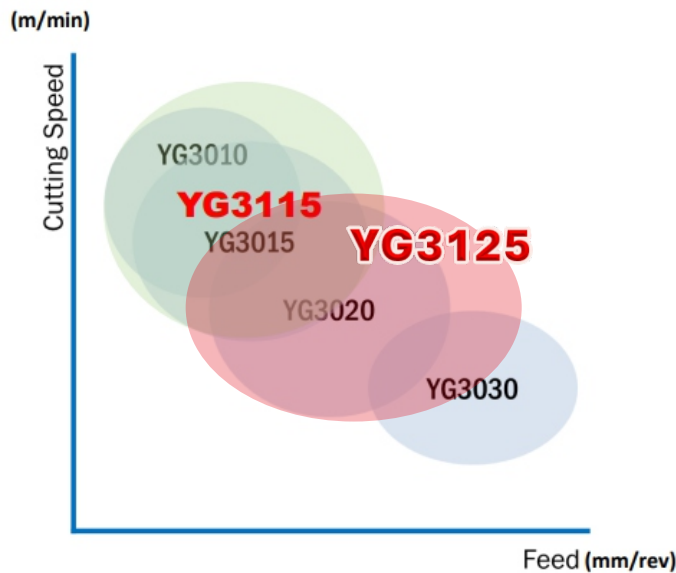


New Grade YG3125

New CVD coated grade YG3125

Grade Information

Application range(ISO range : P15-P35)



Advantages

- ✓ For general turning application on steels
- ✓ Very good combination of wear resistance and toughness
- ✓ Suitable for mass production due to stable and predictable tool life
- ✓ Minimizing built up edge due to new post surface treatment in mild steels, low carbon steel and low carbon alloy steel.
- ✓ Excellent surface finish on the work-piece due to new post surface treatment
- ✓ Best choice for both continuous as well as interrupted cuts

New CVD coated grade YG3125

Applicable Components

Applicable Components

- High production environment, typically found in automotive components at general machining on steels and general engineering
- First choice for steel turning application
- Very suitable tool life for machining on steels in both continuous cut and interrupted cut.
- Optimal for mass production in automatic production line due to the consistency tool life.