

Insert grade highlights

Optimized cutting tools lower costs and increase productivity. Our insert grades and geometries form the perfect foundation for achieving first-rate performance when turning steel, stainless steel or cast iron. Here we turn the spotlight on four selected grades. Put one to the test today.

Sample Grainger item #: 4MGP8



GC4215 – first choice for steel

A star performer from the new insert generation*. Increased cutting data and pieces per edge are not the only benefits – peace of mind in production is where this grade really stands out. Stronger edge lines allow you to use GC4215 for high productivity machining in mass production.

Sample Grainger item #: 4MDJ5



GC2015 – first choice for stainless steel

CVD-coated carbide grade for finishing and light-roughing stainless steels. Improved performance at high temperatures combined with a tough, wear-resistant coating makes GC2015 the clear choice grade for continuous cuts at moderate to high speeds.

Sample Grainger item #: 4MDJ7



GC3205 – first choice for gray cast iron

A thick, smooth, wear-resistant coating and a very hard substrate make this CVD-coated carbide grade ideal for high-speed turning of gray cast iron (GCI).

GC3210 – first choice for nodular cast iron

Similar attributes to GC3205, now fine-tuned for turning nodular cast iron (NCI). Recommended for resilient high-speed cutting.

*A new insert generation. Insert grades that know no compromise. Faster, safer, tougher and more versatile. A revolution in metalworking. Ask about other grades in the program.

WMX wiper inserts

Your new first choice
wiper insert

Higher feed rates boost
productivity

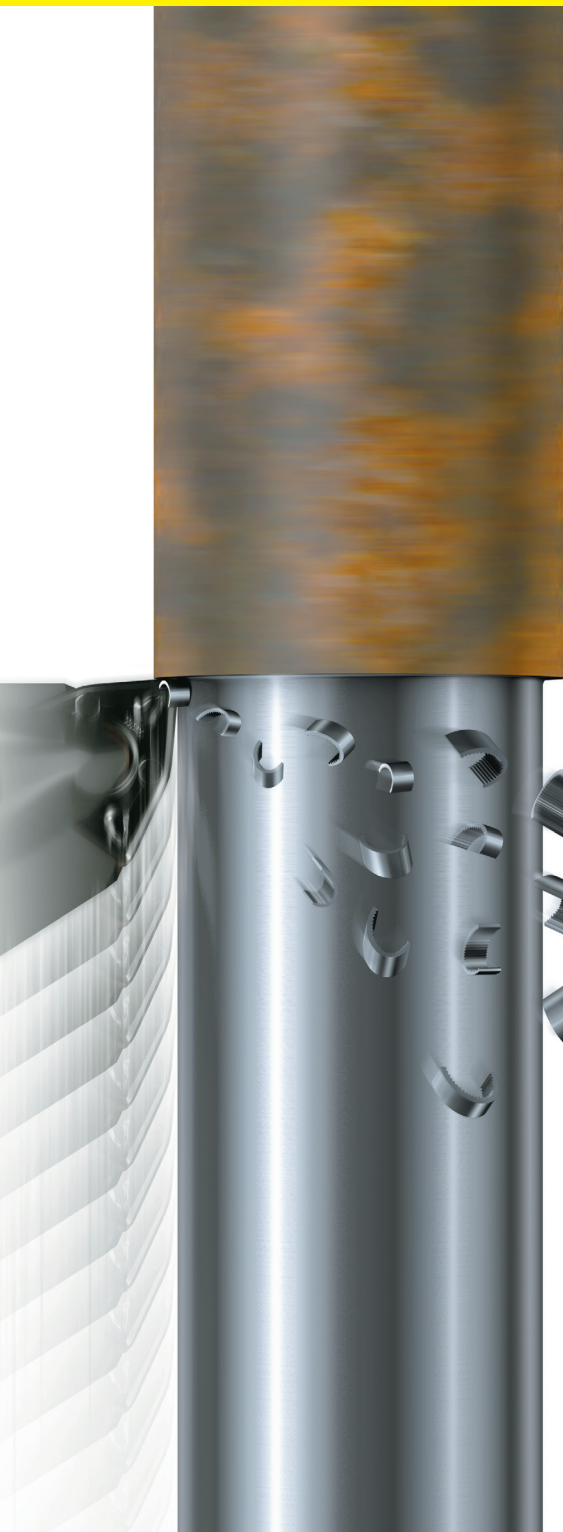
Substantial time and
cost savings in production

Very versatile

First-class surface
qualities

Easy to set up and use

Listen to the sweet sound of higher productivity



WMX wiper – your new first choice insert

By reducing cutting times by half, while keeping the same component specifications as conventional nose-radius inserts, WM and WF wiper inserts re-wrote the productivity rules for turning. Now, the new WMX wipers are about to boost your machine shop productivity even further.

A WMX wiper insert is smart and sophisticated at the same time. Its innovative design combines a main radius with multiple complimentary radii and blends the result superbly with new chipbreaker geometry. The result is outstanding cutting with predictable quality over a wide feed range. Just listen to WMX in action. You'll hear a clear, clean sound that says "This is your new first choice wiper".

Shorten cutting times by 30%

WMX wipers increase feed rates and generate substantial savings in production. Compared to market-leading WM and WF wipers, WMX feed rate and chipbreaking ranges are considerably wider, allowing machining times to be cut by around 30%.

Productivity receives a welcome boost in medium and roughing machining as well. And in high-demand finishing, surface quality can be increased to new levels.

Whatever the application, you won't find better chipbreaking or longer tool life – however hard you look.

Features and Benefits

Higher feed, greater productivity

Broad range of applications

Predictable quality over wide feed range

First-class chipbreaking

Superb cutting action