

# NEW STEEL TURNING GRADES GC4425 (P25) AND GC4415 (P15)

## Turning Inserts and Grades for Steel



The new-generation steel turning insert grades GC4425 (P25) and GC4415 (P15) deliver improved performance in every way. Coated with second-generation Inveio® technology, they have a broad range of applications and are recommended for continuous and interrupted cuts.

First-choice grade GC4425 (P25) features improved wear resistance, heat resistance and toughness, significantly expanding the application range.

Grade GC4415 (P15) complements GC4425 (P25) when more heat resistance is needed. It allows for high cutting speeds and long times in cut when machining in stable conditions.

The Steiner Metalworking application team can assist you with selecting the right inserts for your steel machining requirements and provide guidance on process improvements for higher yield rates and cost reductions. For assistance, call **1-800-323-TOOL (8665)**.

### APPLICATION

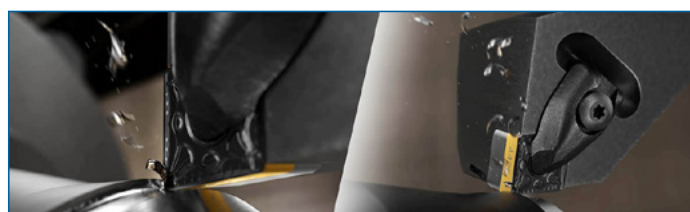
- Low-alloyed and unalloyed steels
- Suitable for mass and batch production
- External and internal machining
- Finishing to roughing in applications with continuous cuts and light interruptions



### BENEFITS

#### Toughness and Wear Resistance Combined

New substrates with a unique combination of good toughness and resistance against plastic deformation offer a reliable performance. The cobalt enriched surface gradient adds to security.



#### Second Generation Inveio® Technology

With the introduction of the second generation Inveio® technology, the benefits of uni-directional coating have been further developed. Improved crystal orientation makes for an even more consistent performance and significantly improved wear resistance and tool life.

#### New Post-Treatment

Improved post-treatment lifts the performance in intermittent cutting operations. The bright yellow top TiN coating on the insert flank allows for easy wear detection.

#### Sustainable Steel Turning

An average of 25% tool life increase combined with a reliable and predictable performance helps minimize both insert and workpiece material waste, necessary preconditions for sustainable machining. Moreover, its carbide substrate contains a high proportion of recycled carbide material, making them one of the most environment-friendly grades.

[Request More Information](#)

For more info about GC4425 (P25) and GC4415 (P15) Steel Turning Insert Grades call **1-800-323-TOOL (8665)** to speak with a Steiner metalworking representative.

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