

## Introduction

The new CERATIZIT grade universe

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As one of the most competent partners when it comes to cutting tools technology, CERATIZIT continuously optimises and revises the grade range for milling, drilling, turning, parting and grooving.

### The universe

Within the universe, several galaxies represent the applications (milling, turning, drilling, parting and grooving). Every galaxy then consists of single solar systems. Each of these systems contains their own solutions for special requirements. Immersing ourselves deeper into the planetary systems, and taking a closer look at the planets they reveal themselves as our unique grade coatings - the 'Stars'.

### The 'STARS'

Each of the STARS is easily recognisable by the colour of its coating and shows its strengths in the machining of specific materials and in determined applications.



### BLACKSTAR™

The BLACKSTAR™ grades are highly wear-resistant thanks to their TiN/TiCN/Al<sub>2</sub>O<sub>3</sub> coatings. Due to their excellent adhesion, these coatings are particularly suitable for the machining of steel and cast iron.

### SILVERSTAR™

For high cutting performance in interrupted cutting actions or with difficult to machine materials, SILVERSTAR™ grades are the first choice.

