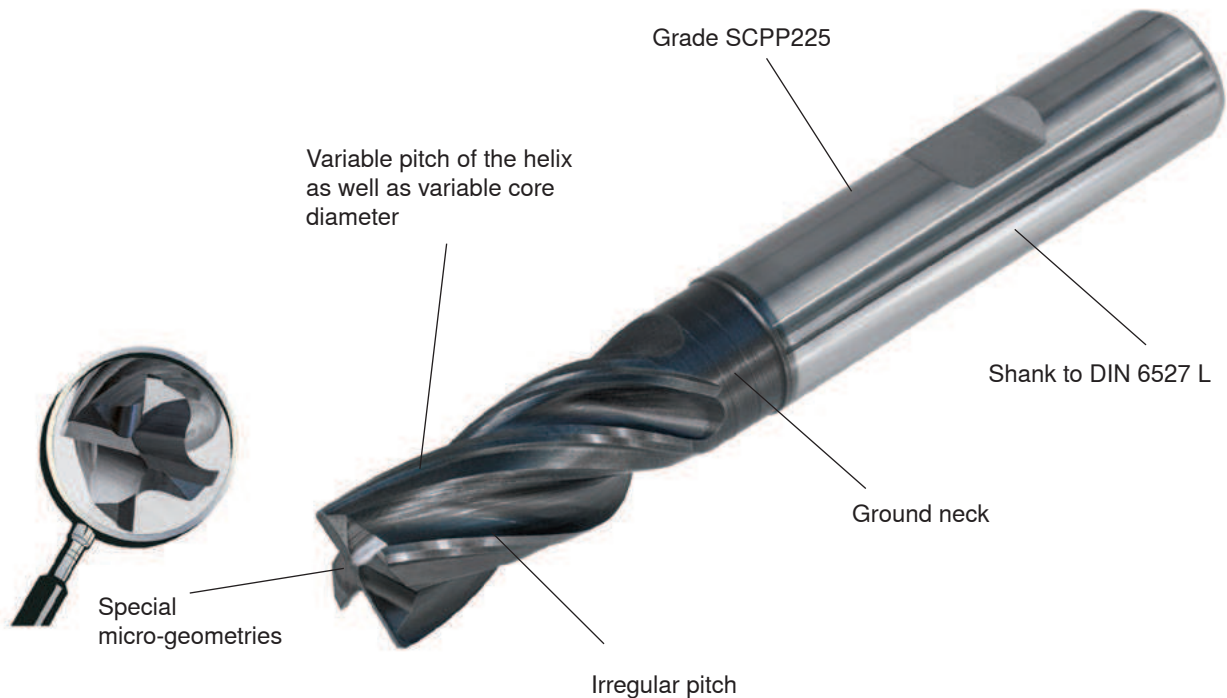
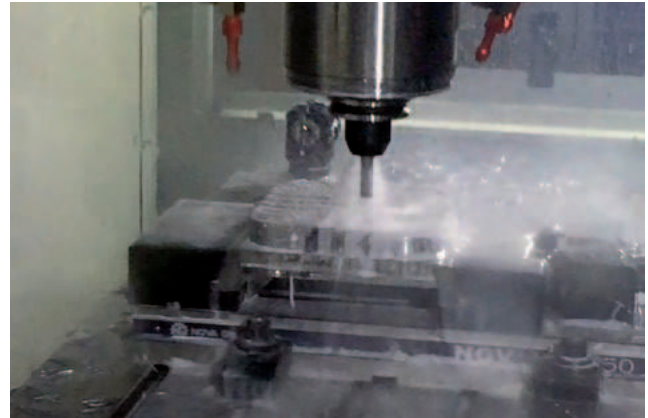


## The universal tool for very high metal removal rates

The HPC2 W4420 end mill combines various characteristics for maximum metal removal rates: the SCPP225 grade, together with the special micro-geometry on the front and peripheral cutting edges, provides long tool life and high cutting parameters. Also possible are great depths of cut  $> 1.5xD$  with very high feed rates. Thanks to the ground neck, deep pockets can be machined. Furthermore, the irregular pitch of the tool reduces vibration and guarantees low cutting noise. The variable core diameter and the variable helix increase stability providing quick and secure chip evacuation.



## A practical example

Material: non-alloyed steel, annealed  
0.15 % - 0.45 % C (VDI 3323 group 2)

	Competitor	CERATIZIT
Cutter Ø [mm]	16	16
$a_e$ [mm]	16	16
$a_p$ [mm]	32 (2xD)	32 (2xD)
$V_c$ [m/min]	90	90
$n$ [min <sup>-1</sup> ]	1800	1800
$f_z$ [mm]	0,05	0,05
$V_f$ [mm/min]	360	360
Quantity	200	280

