











HIGHLIGHTS

UltraPerform®-Solid Carbide End Mills:

	Ball Nose End Mills 2 teeth for Hardened Steel	for 3-D-milling of hardened steel, with extreme rigid core-diameter in connection with optimized geometries and a sufficient coating, these End Mills achieve outstanding results and tool life and produce perfect surfaces, PVAT-coated.
	Toric End Mills 5 teeth for Hardened Steel 0275 59	for 2-D- and 3-D-machining of hardened steel, with extreme rigid core-diameter in connection with optimized geometries and a sufficient coating, these End Mills achieve outstanding results and tool life in roughing operations, PVAT-coated. ⊕ Catalogue page 242
	Trigaworx® End Mills, 4 teeth for extreme milling of Steel 0374 55 + 0474 55	for all roughing operations with phenomenal metal removal rates. Latest geometries and coatings allow feed rates up to 20 m/min. The most economic End Mill of this time!! Also capable for roughing in deep slots or cavities, PVAlsa-coated ⊕ Catalogue page 264
	Toric End Mills 2 teeth for Steel with lubricant layer 0172 56 + 0182 56	for 3-D-machining of tool-steel, capable for milling open flank-profiles and also plain surfaces. By avoiding the zero-speed-situation in the End Mill-Centre, you achieve long tool life, perfect surfaces and considerable reduction of machining-time! PVCC-coated ⊕ Catalogue page 232
	Corner Radius and Toric End Mills 2 teeth for Non-ferrous Materials and Copper Electrodes 0442 43 + 0462 43	a multi-purpose-design of End Mills: capable for milling non-ferrous materials as well as copper and high-temperature alloys for 2-D and 3-D-milling and also for roughing applications. By avoiding the zero-speed-situation in the End-Mill-Centre, you achieve long tool-life, perfect surfaces and considerable reduction of machining-time, PVCN-coated. ⊕ Catalogue page 222
	Toric End Mills 3 teeth for Cast Iron, Steel and Non-ferrous Materials 0163 57 + 0183 57	for 3-D-machining of steel, cast iron and non-ferrous materials, capable for milling flank-profiles and also plain surfaces by avoiding the zero-speed-situation in the End Mill-Centre. Achieve long tool life, perfect surfaces and considerable reduction of machining time, PVCC-coated. ⊕ Catalogue page 236
	Toric End Mills 2 teeth for Non-ferrous Materials 0482 40	for 3-D-machining of non-ferrous materials and graphite, capable for milling open flank profiles and also plain surfaces by avoiding the zero-speed- situation in the End Mill-Centre. You achieve long tool-life, perfect surfaces and considerable reduction of machining-time! PVTi-coated. ⊕ Catalogue page 236
	Corner Radius and Ball Nose End Mills 2 and 3 teeth, for machining Graphite 0452 48, 0453 48, 1452 48 + 1453 48	for 3-D-machining of graphite of all kinds, from 0.4 mm diam. up to 20 mm diam. with various working depths, PVDiaF and PVDiaN coated a new complete range of End Mills for modern machining centres! ⊕ Catalogue pages 196 up to 201 and 226 up to 231