

# Solid carbide end milling cutter – without step



Please copy, complete and return (only 1 tool per enquiry questionnaire/order).

Enquiry                       Order

Company \_\_\_\_\_

Customer number (if available) \_\_\_\_\_

Contact partner \_\_\_\_\_ Phone/Fax \_\_\_\_\_



E-Mail \_\_\_\_\_

Address \_\_\_\_\_

**MAPAL Präzisionswerkzeuge**  
**Dr. Kress KG**  
 P.O. Box 1520 D-73431 Aalen  
 Phone +49 (0) 7361 585-0  
 Fax +49 (0) 73 61 585-150  
 sc-tools@de.mapal.com  
 www.mapal.com

No. of milling cutters \_\_\_\_\_ Desired delivery date (without obligation) \_\_\_\_\_ week

Please describe the intended machining process and the desired special tool:

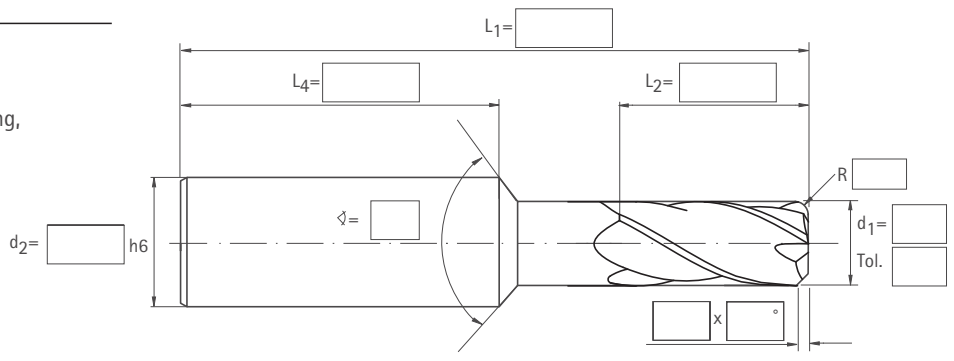
- |   |   |   |
|---|---|---|
| <b>Machining:</b><br><input type="checkbox"/> Circumferential milling<br><input type="checkbox"/> Slotting<br><input type="checkbox"/> Face milling<br><input type="checkbox"/> Copy milling<br><input type="checkbox"/> Undersize milling<br><input type="checkbox"/> Plunging<br><br><b>Type of machining:</b><br><input type="checkbox"/> wet <input type="checkbox"/> dry<br><input type="checkbox"/> MQL<br><br><b>Coolant supply:</b><br><input type="checkbox"/> External coolant <input type="checkbox"/> Internal coolant<br>  | <input type="checkbox"/> Roughing<br><input type="checkbox"/> Finishing<br><input type="checkbox"/> Roughing-/Finishing application<br><br><b>Material to be machined:</b><br><input type="checkbox"/> unalloyed steel<br><input type="checkbox"/> cast steel<br><input type="checkbox"/> alloyed steel<br><input type="checkbox"/> Inox<br><input type="checkbox"/> stainless and acid-resistant steel<br><input type="checkbox"/> grey cast iron<br><input type="checkbox"/> alloyed grey cast iron<br><input type="checkbox"/> Spheroidal graphite cast iron<br><input type="checkbox"/> Vermicular graphite cast iron<br><input type="checkbox"/> Malleable cast iron | <input type="checkbox"/> Aluminium (Si-content > 10 %)<br><input type="checkbox"/> Aluminium (Si-content < 10 %)<br><input type="checkbox"/> Copper<br><input type="checkbox"/> Brass<br><input type="checkbox"/> Bronze<br><input type="checkbox"/> Titanium alloys<br><input type="checkbox"/> Nickel alloys<br><input type="checkbox"/> Chilled cast iron<br><input type="checkbox"/> Hardened steel<br><input type="checkbox"/> _____ |
|---|---|---|

Hardness (HRC, HB, etc.): \_\_\_\_\_ Tensile strength (N/mm<sup>2</sup>): \_\_\_\_\_ Standard: \_\_\_\_\_ Standard designation: \_\_\_\_\_

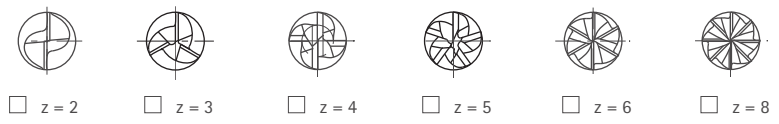
Type designation (e. g. SCM10, if known): \_\_\_\_\_



Cutting direction:  Right  Left  
 (unless specified otherwise, we assume right-cutting, right-hand helix)

Helix:  Right  Left  
 Helix angle:  °



- Coating:**  
 (if you wish to select this yourself)  
 TiCN                       TiAlN (MAPAL)  
 TiAlN                       AlCrN (MAPAL)  
 Uncoated                       \_\_\_\_\_



- Shank form:**  
 HA (DIN 6535)   
 HB (DIN 6535) 

Date \_\_\_\_\_ Signature \_\_\_\_\_

**Please do not complete. Will be completed by specialists!**  
 Cutting edge preparation: Size \_\_\_\_\_ Process \_\_\_\_\_  
 Groove polished:  Yes  No                      Blank (MC): \_\_\_\_\_