

# Solid carbide twist drill (without step – with three margins)

Please complete and return to MAPAL (only 1 tool per enquiry questionnaire/order).



Enquiry

Order

Company \_\_\_\_\_

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

Contact partner \_\_\_\_\_

Tel./Fax \_\_\_\_\_

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

Address \_\_\_\_\_

MAPAL Präzisionswerkzeuge

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Phone +49 (73 61) 5 85-0

Fax +49 (73 61) 5 85-150

sc-tools@de.mapal.com

www.mapal.com

Number of drills \_\_\_\_\_ Delivery date required (non-binding) \_\_\_\_\_ Week \_\_\_\_\_

Please describe your machining task for us and the special tool you require:

Material to be machined:

Bore:

- Through hole  
 Blind bore

Machining method:

- wet  dry  
 min.lubr.

Coolant supply:

- Ext.  Int.  
 

- Unalloyed steel  
 Cast steel  
 Alloyed steel  
 Inox  
 Stainless/acid-resistant steel  
 Grey cast iron  
 Alloyed grey cast iron  
 Nodular iron  
 CGI  
 Malleable iron

- Aluminium (Si content > 10 %)  
 Aluminium (Si content < 10 %)  
 Copper  
 Brass  
 Bronze  
 Titanium alloys  
 Nickel alloys  
 Chilled cast iron  
 Hardened steel  
 \_\_\_\_\_

Hardness (HRC, HB, etc.): \_\_\_\_\_ Tensile strength (N/mm<sup>2</sup>): \_\_\_\_\_ Standard: \_\_\_\_\_ Standard No.: \_\_\_\_\_

MAPAL code (e.g. SCD22, if known): \_\_\_\_\_


Cutting direction:  R.H.  L.H.  
(if not stated we will assume R.H.)

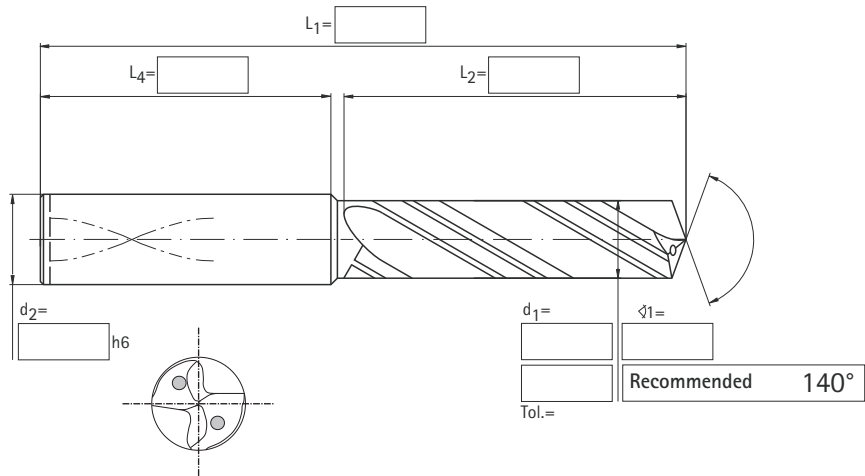
Coating:

(if you wish to choose yourself)

- TiAlN (MAPAL)  
 AlTiN (MAPAL)  
 TiB<sub>2</sub> (MAPAL)  
 TiAlN (standard)  
 uncoated  
 \_\_\_\_\_

Shank form:

- HA (DIN 6535)   
 HB (DIN 6535)   
 HE (DIN 6535) 



Date \_\_\_\_\_

Signature \_\_\_\_\_

Please do not write in this box, which will be completed by our specialists.

- Groove form:  MEGA  
 GG  
 ALU  
 INOX  
 \_\_\_\_\_

- Coating:  TiAlN (MAPAL)  
 AlTiN (MAPAL)  
 TiB<sub>2</sub> (MAPAL)  
 TiAlN (standard)  
 uncoated  
 \_\_\_\_\_

- Radial land on face:  Radial land on taper surface  
 Radial land on 4 faces  
 Round point  
 Spiral point

Blank (MC): \_\_\_\_\_