



## APPLICATION MILLING - SPECIAL ENQUIRY

Customer No.: \_\_\_\_\_ New Customer

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

Order No. | | | | | | | | | | | | | | | | | | | | | |

Contact: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

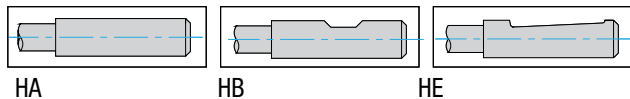
Signature: \_\_\_\_\_

### Basic Geometry

	Range	Complete
Norm-Ø d <sub>2</sub>	3.0 - 20.0mm	Ø mm
Shank-Ø d <sub>2</sub> to DIN 6535	4.0 - 20.0mm	Ø mm
Shank length l <sub>3</sub>	to DIN 6535	mm
Total length l <sub>1</sub>		
Ø 3.0 to 10.0	28.0 - 100mm	mm
from Ø 10.0 to 20.0	56.0 - 150mm	mm
Cutting length l <sub>2</sub>		
Ø 3.0 to 10.0	3.0 - 40.0mm	mm
from Ø 10.0 to 20.0	10.0 - 65.0mm	mm
Helix angle w <sub>1</sub>		
Ø 3.0 to 6.0	20° - 45°	
from Ø 6.0 to 20.0	20° - 55°	
No. of cutting edges		
Ø 3.0 to 6.0	2 - 4	
from Ø 6.0 to 20.0	2 - 6	
from Ø 16.0 to 20.0	2 - 8	

#### Shank Design

**Straight Shank** Choice DIN 6535  HA  HB  HE



#### Peripheral Geometry

<b>Finishing and Mills</b>	Ø 3.0 - 20.0mm	<input type="checkbox"/> N <input type="checkbox"/> Chip Breaker
<b>Roughing and Mills</b>	Ø 6.0 - 20.0mm	<input type="checkbox"/> Coarse <input type="checkbox"/> Fine

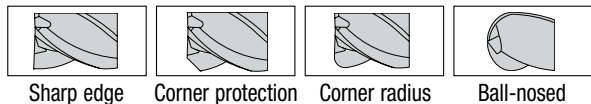
N w chip breaker Coarse Fine

#### Face Geometry

<b>Point angle w<sub>s</sub></b>	180° + 5°	
<b>Cutting to centre</b>	Choice	<input type="checkbox"/> Yes <input type="checkbox"/> No

#### Corner Prep/ ...

<b>Sharp edge</b>	Choice	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Corner protection</b>	Ø 0.03 - 1.5mm x 45°	mm x 45°
<b>Corner radius</b>	Ø 0.3mm - 2/3 x d <sub>1</sub>	mm
<b>Ball nosed</b>	Choice	<input type="checkbox"/> Yes <input type="checkbox"/> No



### Pluse Internal Cooling

Diameter range Ø 4.0 - 20.0mm  Yes  No

### Pluse Coating

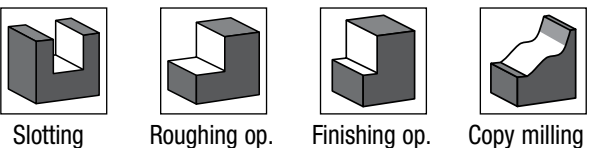
Coating	Ø 4.0 - 20.0mm	<input type="checkbox"/> TiN	<input type="checkbox"/> TiCN
		<input type="checkbox"/> Uncoated	<input type="checkbox"/> TeClube <input type="checkbox"/> TiAlN

### Tool Material

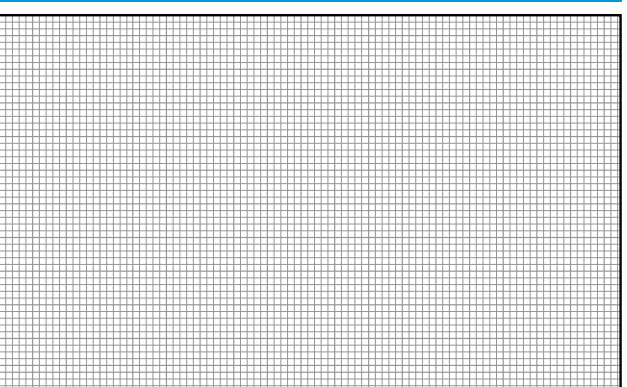
Carbide (specify grade, if known)	
PM-HSSE (specify grade, if known)	
HSS-Co	
HSS	

### Detail Regarding Application

Range of applications	
Material description	
Material hardness	(N/mm <sup>2</sup> or HR <sub>c</sub> )
Application Types	<input type="checkbox"/> Slotting <input type="checkbox"/> Roughing op. <input type="checkbox"/> Finishing op. <input type="checkbox"/> Copy



### Drawing / Notes



Please copy and fax to our Special Sales Dept. on 1800 804 084