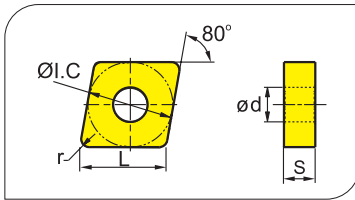


# Turning · Drehen

Cemented carbide and cermet Inserts · Hartmetall und Cermet WSP

## CN\*\* Negative Insert · Negative WSP

● Ideal Machining Condition / Gute Bearbeitungsbedingungen  
 ● Normal Machining Condition / Normale Bearbeitungsbedingungen  
 ● Unfavorable Machining Condition / Ungünstige Bearbeitungsbedingungen



| Workpiece Material / Werkstoffe         | P | M | K | N | S |
|-----------------------------------------|---|---|---|---|---|
| Steel / Stahl                           | ● | ● | ● | ● | ● |
| Stainless Steel / Rostfreier Stahl      | ● | ● | ● | ● | ● |
| Cast iron / Gusseisen                   | ● | ● | ● | ● | ● |
| Non-ferrous material / Ne Metalle       | ● | ● | ● | ● | ● |
| Heat-resistant steel / Warmfester Stahl | ● | ● | ● | ● | ● |

| Insert Shape<br>Schneid-<br>plattenform                                                                            | Type · Typ     | Dimension (mm)<br>Abmessung |        |       |      |     | Coated Carbide<br>Beschichtetes Hartmetall |        |        |        |        |        |        |        |        |        |        |        |        |        | Cermel<br>unbeschichtet | Cermel<br>Coated<br>beschicht. Cerm. | Uncoated<br>Carbide<br>unbeschicht.<br>Hartmetall |        |        |        |         |      |      |
|--------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------|--------|-------|------|-----|--------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------|--------------------------------------|---------------------------------------------------|--------|--------|--------|---------|------|------|
|                                                                                                                    |                | L                           | I.C    | S     | d    | r   | YBC151                                     | YBC152 | YBC251 | YBC252 | YBC351 | YBG102 | YBG202 | YBG205 | YBG302 | YBM151 | YBM251 | YBM351 | YBD052 | YBD102 |                         |                                      | YBD151                                            | YBD152 | YBD252 | YNG151 | YNG151C | YC10 | YC40 |
| <br><br>Roughing /<br>Schruppen   | CNMM120412-DR  | 12.9                        | 12.7   | 4.76  | 5.16 | 1.2 | ●                                          | ○      | ●      |        |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM160612-DR  | 16.1                        | 15.875 | 6.35  | 6.35 | 1.2 | ●                                          | ●      | ●      |        |        |        |        |        |        |        | ●      |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM160616-DR  | 16.1                        | 15.875 | 6.35  | 6.35 | 1.6 | ●                                          |        |        | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM190612-DR  | 19.3                        | 19.05  | 6.35  | 7.94 | 1.2 | ●                                          | ●      | ●      | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM190616-DR  | 19.3                        | 19.05  | 6.35  | 7.94 | 1.6 | ●                                          | ●      | ●      | ●      |        |        |        |        |        |        |        | ○      |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM190624-DR  | 19.3                        | 19.05  | 6.35  | 7.94 | 2.4 | ○                                          | ●      | ●      | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM250924-DR  | 25.79                       | 25.4   | 9.525 | 9.12 | 2.4 | ●                                          | ●      | ●      | ●      | ○      |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
| <br><br>Roughing /<br>Schruppen | CNMG120408-ER  | 12.9                        | 12.7   | 4.76  | 5.16 | 0.8 |                                            |        |        |        |        |        |        |        |        | ●      |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMG120412-ER  | 12.9                        | 12.7   | 4.76  | 5.16 | 1.2 |                                            |        |        |        |        |        |        |        |        |        | ●      |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMG160612-ER  | 16.1                        | 15.875 | 6.35  | 6.35 | 1.2 |                                            |        |        |        |        |        |        |        |        |        | ●      |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMG160616-ER  | 16.1                        | 15.875 | 6.35  | 6.35 | 1.6 |                                            |        |        |        |        |        |        |        |        |        | ○      |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMG190612-ER  | 19.3                        | 19.05  | 6.35  | 7.94 | 1.2 |                                            |        |        |        |        |        |        | ○      |        | ●      |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMG190616-ER  | 19.3                        | 19.05  | 6.35  | 7.94 | 1.6 |                                            |        |        |        |        |        |        | ○      |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
| <br><br>Roughing /<br>Schruppen | CNMM250724-ER  | 25.79                       | 25.4   | 7.94  | 9.12 | 2.4 |                                            |        |        | ●      |        |        |        |        |        | ○      |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM250732-ER  | 25.79                       | 25.4   | 7.94  | 9.12 | 3.2 |                                            |        |        | ○      |        |        |        |        |        |        | ○      |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM250924-ER  | 25.79                       | 25.4   | 9.525 | 9.12 | 2.4 |                                            |        |        | ●      |        |        |        |        |        |        | ○      | ○      |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM250932-ER  | 25.79                       | 25.4   | 9.525 | 9.12 | 3.2 |                                            |        |        | ○      |        |        |        |        |        |        | ○      | ○      |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
| <br><br>Roughing /<br>Schruppen | CNMM120408-HDR | 12.9                        | 12.7   | 4.76  | 5.16 | 0.8 | ●                                          | ●      | ●      | ●      |        |        |        |        |        |        | ●      | ○      |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM120412-HDR | 12.9                        | 12.7   | 4.76  | 5.16 | 1.2 | ○                                          | ●      |        | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM120416-HDR | 12.9                        | 12.7   | 4.76  | 5.16 | 1.6 |                                            |        | ○      | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM160612-HDR | 16.1                        | 15.875 | 6.35  | 6.35 | 1.2 | ○                                          | ●      |        | ○      | ○      |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM160616-HDR | 16.1                        | 15.875 | 6.35  | 6.35 | 1.6 |                                            | ●      | ●      | ●      | ○      |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM160624-HDR | 16.1                        | 15.875 | 6.35  | 6.35 | 2.4 |                                            | ○      |        | ○      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM190616-HDR | 19.3                        | 19.05  | 6.35  | 7.94 | 1.6 | ○                                          | ●      | ●      | ●      | ●      |        |        |        |        |        |        |        |        |        |                         | ○                                    |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM190624-HDR | 19.3                        | 19.05  | 6.35  | 7.94 | 1.6 |                                            | ○      | ●      | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |
|                                                                                                                    | CNMM250924-HDR | 25.79                       | 25.4   | 9.525 | 9.12 | 2.4 |                                            | ○      |        | ●      |        |        |        |        |        |        |        |        |        |        |                         |                                      |                                                   |        |        |        |         |      |      |

Tool holder / Klemmhalter



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● Ex Stock / ab Lager ○ On demand / auf Anfrage