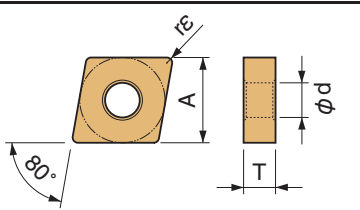


# Turning Indexable Inserts

## 80°Diamond • Negative with Hole

(mm)



| Description | A     | T    | ød   |
|-------------|-------|------|------|
| CN_0904_    | 9.525 | 4.76 | 3.81 |
| CN_1204_    | 12.70 | 4.76 | 5.16 |

B



Negative

C

D

R

S

T

W

Insert (Turning)

| Insert | Description   | Dim. (mm) | Cement |      |      |      |      |       | PVD Coated Carbide | Ref. Page for Toolholder |
|--------|---------------|-----------|--------|------|------|------|------|-------|--------------------|--------------------------|
|        |               |           | гЕ     | TN30 | PV30 | PV60 | PV90 | PR915 |                    |                          |
|        | CNMG 120404WQ | 0.4       |        |      |      |      |      | ●     | D8<br>F42<br>F66   |                          |
|        | 120408WQ      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 090404GP | 0.4       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 090408GP      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 120402GP | 0.2       |        |      |      |      |      | ●     | D8<br>F42<br>F66   |                          |
|        | 120404GP      | 0.4       | ●      |      | ●    | ●    |      | ●     |                    |                          |
|        | 120408GP      | 0.8       |        |      | ●    | ●    |      | ●     |                    |                          |
|        | CNMG 090404HQ | 0.4       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 090408HQ      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 120404HQ | 0.4       | ●      | ●    | ●    | ●    |      |       | D8<br>F42<br>F66   |                          |
|        | 120408HQ      | 0.8       | ●      | ●    | ●    | ●    |      |       |                    |                          |
|        | 120412HQ      | 1.2       | ●      | ●    | ●    | ●    |      |       |                    |                          |
|        | CNMG 120404CQ | 0.4       |        |      | ●    | ●    |      |       | D8<br>F42<br>F66   |                          |
|        | 120408CQ      | 0.8       |        |      | ●    | ●    |      |       |                    |                          |
|        | 120412CQ      | 1.2       |        |      | ●    | ●    |      |       |                    |                          |
|        | CNMP 120404TK | 0.4       |        |      |      |      |      | ●     | D8<br>F42<br>F66   |                          |
|        | 120408TK      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 120404CS | 0.4       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 120408CS      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | 120412CS      | 1.2       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 090404GS | 0.4       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 090408GS      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | 120412GS      | 1.2       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 120404HS | 0.4       | ●      |      | ●    | ●    |      |       | D8<br>F42<br>F66   |                          |
|        | 120408HS      | 0.8       | ●      | ●    | ●    | ●    |      |       |                    |                          |
|        | 120412HS      | 1.2       |        |      | ●    | ●    |      |       |                    |                          |
|        | CNMG 120408GT | 0.8       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 120412GT      | 1.2       |        |      |      |      |      | ●     |                    |                          |
|        | CNMG 120408HT | 0.8       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 120412HT      | 1.2       |        |      |      |      |      | ●     |                    |                          |

| Insert | Description                   | Dim. (mm) | Cement |      |      |      |      |       | PVD Coated Carbide | Ref. Page for Toolholder |
|--------|-------------------------------|-----------|--------|------|------|------|------|-------|--------------------|--------------------------|
|        |                               |           | гЕ     | TN30 | PV30 | PV60 | PV90 | PR915 |                    |                          |
|        | CNMG 120404                   | 0.4       | ●      | ●    | ●    | ●    |      |       | D8<br>F42<br>F66   |                          |
|        | 120408                        | 0.8       | ●      | ●    | ●    | ●    |      |       |                    |                          |
|        | 120412                        | 1.2       |        |      | ●    | ●    |      |       |                    |                          |
|        | CNMG 120404XP                 | 0.4       |        |      |      | ●    | ●    |       | D8<br>F42<br>F66   |                          |
|        | 120408XP                      | 0.8       |        |      |      | ●    | ●    |       |                    |                          |
|        | CNMG 120404XP-T               | 0.4       |        |      |      | ●    | ●    |       | D8<br>F42<br>F66   |                          |
|        | 120408XP-T                    | 0.8       |        |      |      | ●    | ●    |       |                    |                          |
|        | CNMG 120404XQ                 | 0.4       |        |      |      | ●    | ●    |       | D8<br>F42<br>F66   |                          |
|        | 120408XQ                      | 0.8       |        |      |      | ●    | ●    |       |                    |                          |
|        | CNMG 120408XS                 | 0.8       |        |      |      | ●    | ●    |       | D8<br>F42<br>F66   |                          |
|        |                               |           |        |      |      |      |      |       |                    |                          |
|        | CNMA 120404                   | 0.4       | ●      | ●    |      |      |      |       | D8<br>F66          |                          |
|        | 120408                        | 0.8       | ●      | ●    |      |      |      |       |                    |                          |
|        | CNGG 090402 <sup>9</sup> /L-S | 0.2       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 090404 <sup>9</sup> /L-S      | 0.4       |        |      |      |      |      | ●     |                    |                          |
|        | 090408 <sup>9</sup> /L-S      | 0.8       |        |      |      |      |      | ●     |                    |                          |
|        | CNGG 090404 <sup>9</sup> /L   | 0.4       |        |      |      |      |      | ●     | D8<br>F66          |                          |
|        | 090408 <sup>9</sup> /L        | 0.8       |        |      |      |      |      | ●     |                    |                          |

For other grade , See Page [B14~B18](#)

**B40** ● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

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Inserts are sold in 10 piece boxes.