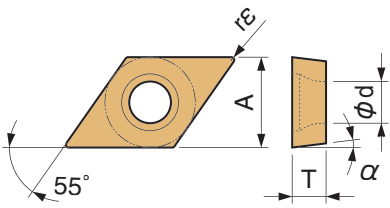


(mm)

55°Diamond • Positive with Hole

| Description | A     | T    | ød  | α  |
|-------------|-------|------|-----|----|
| DC_0702_    | 6.35  | 2.38 | 2.8 | 7° |
| DC_11T3_    | 9.525 | 3.97 | 4.4 | 7° |



| Material                     | P | M | K | N | S | H |
|------------------------------|---|---|---|---|---|---|
| Free-cutting steel           | ● | ○ | ● | ○ | ○ | ○ |
| Carbon Steel and Alloy Steel | ● | ○ | ● | ○ | ○ | ○ |
| Stainless Steel              | ○ | ○ | ○ | ○ | ○ | ○ |
| Gray Cast Iron               | ○ | ○ | ○ | ○ | ○ | ○ |
| Nodular Cast Iron            | ○ | ○ | ○ | ○ | ○ | ○ |
| Non-ferrous Metals           | ○ | ○ | ○ | ○ | ○ | ○ |
| Heat-resistant alloy         | ○ | ○ | ○ | ○ | ○ | ○ |
| Titanium Alloy               | ○ | ○ | ○ | ○ | ○ | ○ |
| Hard Materials               | ○ | ○ | ○ | ○ | ○ | ○ |

Classification of usage  
 ✖: Interruption / 1st Choice  
 ⚙: Interruption / 2nd Choice  
 ●: Light Interruption / 1st Choice  
 ○: Light Interruption / 2nd Choice  
 ●: Continuous / 1st Choice  
 ○: Continuous / 2nd Choice  
 (In case hardness is under 45HRC)

| Insert           | Description  | Dim. (mm) | Material |            |                    |        |        |        |        |        |                    |        |        |        | Carbide | Ref. Page for Toolholder | Applicable Chipbreaker Range |        |       |        |        |        |      |   |   |                          |  |  |
|------------------|--|-----------|----------|------------|--------------------|--------|--------|--------|--------|--------|--------------------|--------|--------|--------|---------|--------------------------|------------------------------|--------|-------|--------|--------|--------|------|---|---|--------------------------|--|--|
|                  |  |           | Cermet   | PVD Cermet | CVD Coated Carbide |        |        |        |        |        | PVD Coated Carbide |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  |           | TE6010   | TN6020     | TN60               | PV7005 | PV7010 | CA5505 | CA5515 | CA5525 | CA5535             | CA6515 | CA6525 | CA4010 | CA4115  | CA4120                   | CA4505                       | CA4515 | PR930 | PR1005 | PR1025 | PR1125 | KW10 |   |   |                          |  |  |
| Finishing-Medium | DCGT 070201MF-GQ<br>070202MF-GQ<br>070204MF-GQ<br>Sharp Edge   | < 0.1     | ●        | ○          |                    | ●      | ○      | ○      | ○      | ○      | ○                  | ○      | ○      | ○      | ○       | ○                        | ○                            | ○      | ○     | ○      | ○      | ○      | ○    | ○ | ○ | Refer to the table below |  |  |
|                  |  | < 0.2     | ○        |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.4     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
| Finishing-Medium | DCGT 11T301MF-GQ<br>11T302MF-GQ<br>11T304MF-GQ<br>Sharp Edge / Polished Surface                          | < 0.1     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.2     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.4     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
| Finishing-Medium | DCMT 070202GK<br>070204GK<br>070208GK<br>DCMT 11T302GK<br>11T304GK<br>11T308GK                           | 0.2       | ●        | ●          |                    | ●      | ●      | ●      | ●      | ●      | ●                  | ●      | ●      | ●      | ○       | ○                        | ○                            | ○      | ○     | ○      | ○      | ○      | ○    | ○ | ○ |                          |  |  |
|                  |  | 0.4       | ○        |            |                    | ○      | ○      | ○      | ○      | ○      | ○                  | ○      | ○      | ○      | ○       | ○                        | ○                            | ○      | ○     | ○      | ○      | ○      | ○    | ○ | ○ |                          |  |  |
|                  |  | 0.8       |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
| Finishing-Medium | DCMT 070202HQ<br>070204HQ<br>070208HQ<br>DCMT 11T302HQ<br>11T304HQ<br>11T308HQ                           | 0.2       | ●        | ●          |                    | ●      | ●      | ●      | ●      | ●      | ●                  | ●      | ●      | ○      | ○       | ○                        | ○                            | ○      | ○     | ○      | ○      | ○      | ○    | ○ | ○ |                          |  |  |
|                  |  | 0.4       | ○        |            |                    | ○      | ○      | ○      | ○      | ○      | ○                  | ○      | ○      | ○      | ○       | ○                        | ○                            | ○      | ○     | ○      | ○      | ○      | ○    | ○ | ○ |                          |  |  |
|                  |  | 0.8       |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
| Medium           | DCGT 070201<br>070202<br>070204<br>DCGT 11T301<br>11T302<br>11T304<br>DCMT 11T308                        | 0.1       | ●        | ●          |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | 0.2       | ○        |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | 0.4       |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
| Medium           | DCGT 0702005M<br>070201M<br>070202M<br>070204M<br>DCGT 11T3005M<br>11T301M<br>11T302M<br>11T304M         | < 0.05    |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.1     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.2     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
| Medium           | DCGT 0702005MF<br>070201MF<br>070202MF<br>070204MF<br>DCGT 11T3005MF<br>11T301MF<br>11T302MF<br>11T304MF | < 0.05    |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.1     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |
|                  |  | < 0.2     |          |            |                    |        |        |        |        |        |                    |        |        |        |         |                          |                              |        |       |        |        |        |      |   |   |                          |  |  |

\* Insert whose corner R(re) dimension expressed with less than sign (e.g. <0.05, <0.1, <0.2 etc.) indicate models with minus tolerance for corner R(re).

| Description | Ref. Page for Toolholder     |
|-------------|------------------------------|
| DC..07 type | E14~17,E19~21,F29,F51~52     |
| DC..11 type | E14~17,E19~21,F29,F44,F51~52 |

For grades ( TN30 PV60 PR905 ) , See Page B75

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only) www.kyocera-tools.ru

Inserts are sold in 10 piece boxes.