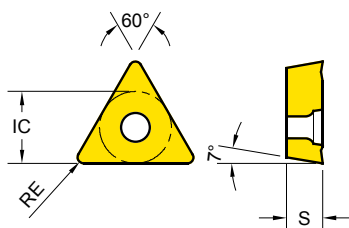


## Turning Inserts - Positive

## TCGT / TCMT (Triangle)



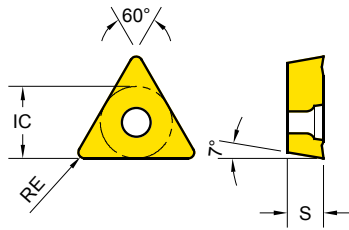
| Series    | IC    | S    |
|-----------|-------|------|
| TC** 1102 | 6.350 | 2.38 |
| TC** 16T3 | 9.525 | 3.97 |

EDP 2200..

● : Stock item ○ : Order made item

|                                                                                                               |                  |     |                 |            | TCGT 110204 |            |            |        |           |           |           |           |        |           |           |            |       |            |           |           |  |
|---------------------------------------------------------------------------------------------------------------|------------------|-----|-----------------|------------|-------------|------------|------------|--------|-----------|-----------|-----------|-----------|--------|-----------|-----------|------------|-------|------------|-----------|-----------|--|
| TCGT<br>TCMT                                                                                                  | Designation      | RE  | Fn<br>(mm/rev.) | Ap<br>(mm) | K10         | P05<br>K20 | P10<br>K30 | P15    | P10       | P20       | P30       | P20       | M25    | M15       | M30       | M40<br>S30 | S10   | P15<br>K15 | N20       | N20       |  |
|                                                                                                               |                  |     |                 |            | YG1010      | YG1001     | YG3010     | YG3015 | YG3115    | YG3020    | YG3030    | YG801     | YG2025 | YG211     | YG213     | YG214      | YG401 | YT100      | YG100     | YG10      |  |
| <b>-AL</b><br><br>Aluminum   | TCGT 110204 - AL | 0.4 | 0.03 ~ 0.30     | 0.10 ~ 4.0 |             |            |            |        |           |           |           |           |        |           |           |            |       |            |           | ●<br>1333 |  |
|                                                                                                               | TCGT 16T302 - AL | 0.2 | 0.02 ~ 0.30     | 0.05 ~ 5.0 |             |            |            |        |           |           |           |           |        |           |           |            |       |            | ●<br>0344 | ●<br>0343 |  |
|                                                                                                               | TCGT 16T304 - AL | 0.4 | 0.03 ~ 0.40     | 0.10 ~ 5.5 |             |            |            |        |           |           |           |           |        |           |           |            |       |            | ●<br>0334 | ●<br>0085 |  |
|                                                                                                               | TCGT 16T308 - AL | 0.8 | 0.03 ~ 0.50     | 0.10 ~ 5.5 |             |            |            |        |           |           |           |           |        |           |           |            |       |            | ●<br>0335 | ●<br>0086 |  |
| <b>-UF</b><br><br>Finishing | TCMT 110204 - UF | 0.4 | 0.05 ~ 0.20     | 0.5 ~ 2.0  |             |            | ○<br>0395  |        | ●<br>2384 | ●<br>0396 | ●<br>1196 |           |        | ○<br>1033 | ○<br>1034 | ○<br>1645  |       |            |           |           |  |
|                                                                                                               | TCMT 16T304 - UF | 0.4 | 0.05 ~ 0.25     | 0.5 ~ 2.0  |             |            | ○<br>0397  |        | ●<br>2377 | ●<br>0398 | ●<br>1046 | ○<br>0033 |        |           | ○<br>1906 | ○<br>1905  |       |            |           |           |  |
|                                                                                                               | TCMT 16T308 - UF | 0.8 | 0.05 ~ 0.25     | 0.8 ~ 2.0  |             |            | ○<br>0624  |        | ●<br>2369 | ●<br>0625 | ●<br>1045 |           |        |           |           |            |       |            |           |           |  |
| <b>-UG</b><br><br>General  | TCMT 110204 - UG | 0.4 | 0.10 ~ 0.25     | 0.5 ~ 2.0  | ●<br>1839   | ○<br>0728  | ○<br>0264  |        | ●<br>2642 | ●<br>0265 | ●<br>0266 | ○<br>0032 |        |           |           |            |       |            |           |           |  |
|                                                                                                               | TCMT 110208 - UG | 0.8 | 0.10 ~ 0.25     | 0.8 ~ 2.0  | ●<br>1851   | ○<br>0485  |            |        | ●<br>2362 | ●<br>0715 | ●<br>1204 |           |        |           |           |            |       |            |           |           |  |
|                                                                                                               | TCMT 16T304 - UG | 0.4 | 0.15 ~ 0.30     | 0.5 ~ 2.5  | ●<br>1840   | ○<br>0679  | ○<br>0267  |        | ●<br>2379 | ●<br>0268 | ●<br>0269 |           |        |           |           |            |       |            |           |           |  |
|                                                                                                               | TCMT 16T308 - UG | 0.8 | 0.15 ~ 0.30     | 0.8 ~ 2.5  | ●<br>1841   | ○<br>0457  | ○<br>0156  |        | ●<br>2175 | ●<br>0157 | ○<br>0158 | ○<br>0034 |        |           |           | ○<br>1907  |       |            |           |           |  |

# Turning Inserts - Positive TCMT (Triangle)



| Series    | IC    | S    |
|-----------|-------|------|
| TC** 1102 | 6.350 | 2.38 |
| TC** 16T3 | 9.525 | 3.97 |

EDP 2200..

● : Stock item ○ : Order made item

| TCMT                                                                                                                                   |                  |                 |             |            | K10    | P05<br>K20 | P10<br>K30 | P15    | P10    | P20    | P30    | P20   | M25       | M15       | M30       | M40<br>S30 | S10       | P15<br>M15<br>K15 | N20   | N20  |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-------------|------------|--------|------------|------------|--------|--------|--------|--------|-------|-----------|-----------|-----------|------------|-----------|-------------------|-------|------|
| Designation                                                                                                                            | RE               | Fn<br>(mm/rev.) | Ap<br>(mm)  |            | YG1010 | YG1001     | YG3010     | YG3015 | YG3115 | YG3020 | YG3030 | YG801 | YG2025    | YG211     | YG213     | YG214      | YG401     | YT100             | YG100 | YG10 |
| <b>NEW</b><br>-MF<br><br>Stainless steel<br>Finishing | TCMT 110204 - MF | 0.4             | 0.07 ~ 0.20 | 0.20 ~ 2.0 |        |            |            |        |        |        |        |       |           |           |           |            | ●<br>2565 |                   |       |      |
|                                                                                                                                        | TCMT 110208 - MF | 0.8             | 0.07 ~ 0.20 | 0.30 ~ 2.0 |        |            |            |        |        |        |        |       |           |           |           |            | ●<br>2566 |                   |       |      |
|                                                                                                                                        | TCMT 16T304 - MF | 0.4             | 0.06 ~ 0.25 | 0.10 ~ 2.0 |        |            |            |        |        |        |        |       | ●<br>2508 | ●<br>1981 | ●<br>1982 | ●<br>1983  | ●<br>2034 |                   |       |      |
|                                                                                                                                        | TCMT 16T308 - MF | 0.8             | 0.08 ~ 0.30 | 0.15 ~ 2.0 |        |            |            |        |        |        |        |       | ●<br>2509 | ●<br>1966 | ●<br>1967 | ●<br>1968  | ●<br>2026 |                   |       |      |
| <b>NEW</b><br>-MM<br><br>Stainless steel<br>Medium    | TCMT 16T304 - MM | 0.4             | 0.08 ~ 0.25 | 0.25 ~ 3.0 |        |            |            |        |        |        |        |       | ●<br>2520 | ●<br>1993 | ●<br>1994 | ●<br>1995  | ●<br>2043 |                   |       |      |
|                                                                                                                                        | TCMT 16T308 - MM | 0.8             | 0.10 ~ 0.30 | 0.50 ~ 3.0 |        |            |            |        |        |        |        |       | ●<br>2521 | ●<br>1952 | ●<br>1953 | ●<br>1954  | ●<br>1955 |                   |       |      |
|                                                                                                                                        |                  |                 |             |            |        |            |            |        |        |        |        |       |           |           |           |            |           |                   |       |      |
| <b>NEW</b><br>-PF<br><br>Cermet Medium              | TCMT 16T304 - PF | 0.4             | 0.06 ~ 0.25 | 0.10 ~ 2.0 |        |            |            |        |        |        |        |       |           |           |           |            |           | ●<br>2548         |       |      |
|                                                                                                                                        | TCMT 16T308 - PF | 0.8             | 0.08 ~ 0.30 | 0.15 ~ 2.0 |        |            |            |        |        |        |        |       |           |           |           |            |           | ●<br>2549         |       |      |
| <b>NEW</b><br>-PM<br><br>Cermet Medium              | TCMT 16T304 - PM | 0.4             | 0.08 ~ 0.25 | 0.25 ~ 3.0 |        |            |            |        |        |        |        |       |           |           |           |            |           | ●<br>2559         |       |      |
|                                                                                                                                        | TCMT 16T308 - PM | 0.8             | 0.10 ~ 0.30 | 0.50 ~ 3.0 |        |            |            |        |        |        |        |       |           |           |           |            |           | ●<br>2560         |       |      |

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION