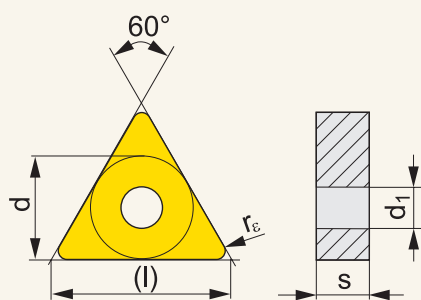


## TNMG



| Dimensions  | (l)  | d      | d <sub>1</sub> | s    |  |  |
|-------------|------|--------|----------------|------|--|--|
| <b>1604</b> | 16,5 | 9,525  | 3,81           | 4,76 |  |  |
| <b>2204</b> | 22,0 | 12,700 | 5,16           | 4,76 |  |  |
| <b>2706</b> | 27,5 | 15,875 | 6,35           | 6,35 |  |  |
| <b>3309</b> | 33,0 | 19,050 | 7,94           | 9,52 |  |  |
|             |      |        |                |      |  |  |
|             |      |        |                |      |  |  |
|             |      |        |                |      |  |  |

| Chipbreaker | ISO             | / Grade |       |       |       |       |       |       |      |       |       |     |       | Radius |  | Feed/rev. |                | Depth of cut     |                  |                    |                    |
|-------------|-----------------|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|-----|-------|--------|--|-----------|----------------|------------------|------------------|--------------------|--------------------|
|             |                 | T5305   | T5315 | T7335 | T9310 | T9315 | T9325 | T9335 | 6630 | T8315 | T8330 | HF7 | TT310 |        |  |           | r <sub>c</sub> | f <sub>min</sub> | f <sub>max</sub> | a <sub>p min</sub> | a <sub>p max</sub> |
|             | TNMG 160404E-FF |         |       |       |       |       |       |       | ●    |       |       |     |       |        |  |           | 0,4            | 0,06             | 0,20             | 0,4                | 1,5                |
|             | TNMG 160408E-FF |         |       |       |       |       |       |       | ●    |       |       |     |       |        |  |           | 0,8            | 0,08             | 0,25             | 0,8                | 1,5                |
|             | TNMG 160404E-FM |         |       | ●     | ●     | ●     | ●     |       | ●    | ●     |       | ●   |       |        |  |           | 0,4            | 0,10             | 0,24             | 0,5                | 3,0                |
|             | TNMG 160408E-FM |         |       | ●     | ●     | ●     | ●     |       | ●    | ●     |       | ●   |       |        |  |           | 0,8            | 0,15             | 0,45             | 0,8                | 3,0                |
|             | TNMG 160412E-FM |         |       |       |       | ●     | ●     |       |      | ●     |       |     |       |        |  |           | 1,2            | 0,15             | 0,45             | 1,2                | 3,0                |
|             | TNMG 160408E-KR | ●       | ●     |       |       |       |       |       |      |       |       |     |       |        |  |           | 0,8            | 0,20             | 0,40             | 0,8                | 4,0                |
|             |                 |         |       |       |       |       |       |       |      |       |       |     |       |        |  |           |                |                  |                  |                    |                    |
|             | TNMG 160404E-M  |         | ●     |       |       | ●     | ●     | ●     |      |       |       |     |       |        |  |           | 0,4            | 0,17             | 0,24             | 0,8                | 3,0                |
|             | TNMG 160408E-M  | ●       | ●     |       | ●     | ●     | ●     | ●     | ●    |       |       |     |       |        |  |           | 0,8            | 0,15             | 0,48             | 0,8                | 5,0                |
|             | TNMG 160412E-M  |         | ●     |       |       | ●     | ●     | ●     |      |       |       |     |       |        |  |           | 1,2            | 0,17             | 0,72             | 1,2                | 5,3                |
|             | TNMG 220408E-M  | ●       | ●     |       | ●     | ●     | ●     | ●     | ●    |       |       |     |       |        |  |           | 0,8            | 0,17             | 0,48             | 1,0                | 6,0                |
|             | TNMG 220412E-M  | ●       | ●     |       |       | ●     | ●     | ●     | ●    |       |       |     |       |        |  |           | 1,2            | 0,17             | 0,72             | 1,2                | 6,0                |
|             | TNMG 160404E-NF |         |       | ●     |       | ●     | ●     |       | ●    | ●     | ●     |     |       |        |  |           | 0,4            | 0,13             | 0,24             | 0,4                | 3,0                |
|             | TNMG 160408E-NF |         |       | ●     |       | ●     | ●     |       | ●    | ●     | ●     |     |       |        |  |           | 0,8            | 0,15             | 0,30             | 0,8                | 3,0                |
|             | TNMG 160404E-NM |         |       | ●     |       |       | ●     |       |      | ●     |       |     |       |        |  |           | 0,4            | 0,15             | 0,24             | 0,5                | 3,0                |
|             | TNMG 160408E-NM |         |       | ●     |       |       | ●     |       |      | ●     |       |     |       |        |  |           | 0,8            | 0,20             | 0,40             | 1,0                | 3,0                |
|             | TNMG 220408E-NM |         |       | ●     |       |       | ●     |       |      | ●     |       |     |       |        |  |           | 0,8            | 0,20             | 0,40             | 1,0                | 3,5                |
|             | TNMG 220412E-NM |         |       | ●     |       |       | ●     |       |      |       |       |     |       |        |  |           | 1,2            | 0,20             | 0,40             | 1,2                | 3,5                |
|             | TNMG 160408E-R  |         |       |       |       | ●     | ●     | ●     |      |       |       |     |       |        |  |           | 0,8            | 0,25             | 0,48             | 2,0                | 5,0                |
|             | TNMG 160412E-R  |         |       |       |       |       | ●     | ●     |      |       |       |     |       |        |  |           | 1,2            | 0,25             | 0,70             | 2,0                | 5,0                |
|             | TNMG 220408E-R  |         |       |       |       |       | ●     |       |      |       |       |     |       |        |  |           | 0,8            | 0,25             | 0,48             | 2,0                | 6,0                |
|             | TNMG 220412E-R  |         |       |       |       |       | ●     |       |      |       |       |     |       |        |  |           | 1,2            | 0,25             | 0,70             | 2,0                | 6,0                |
|             | TNMG 220416E-R  |         |       |       |       |       | ●     |       |      |       |       |     |       |        |  |           | 1,6            | 0,25             | 0,80             | 2,0                | 6,0                |
|             | TNMG 160408E-RM | ●       | ●     |       | ●     | ●     | ●     | ●     |      |       |       |     |       |        |  |           | 0,8            | 0,20             | 0,48             | 1,0                | 5,3                |
|             | TNMG 160412E-RM | ●       | ●     |       |       | ●     | ●     | ●     |      | ●     |       |     |       |        |  |           | 1,2            | 0,25             | 0,65             | 1,5                | 5,3                |
|             | TNMG 220408E-RM | ●       | ●     |       | ●     | ●     | ●     | ●     |      |       |       |     |       |        |  |           | 0,8            | 0,20             | 0,48             | 1,0                | 7,0                |
|             | TNMG 220412E-RM | ●       | ●     |       | ●     | ●     | ●     | ●     |      |       |       |     |       |        |  |           | 1,2            | 0,25             | 0,65             | 1,5                | 7,0                |