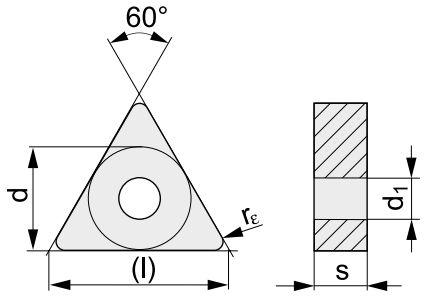


TNMA



| Größe Dimension | (l) | d | d ₁ | s |
|-----------------|------|--------|----------------|------|
| 1604 | 16,5 | 9,525 | 3,81 | 4,76 |
| 2204 | 22,0 | 12,700 | 5,16 | 4,76 |

Alle Abmessungen [mm] / All dimensions [mm]

Werkzeuge siehe Seitennr.: / For tools see pages: 23, 26, 41-43, 48, 65

| Spanbrecher Chip breaker | ISO | Sorten / Grades | | | | | | | | | | Radius | Vorschub pro U. Feed per rev. | | Schnitttiefe Cutting depth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--------------|--|-------|--|--|--|--|--|--|--|--|----------------|----------------------------------|------------------|-------------------------------|--------------------|--|---|-------------|---|--|--|--|--|--|--|--|--|--|-----|------|------|-----|-----|-------------|---|---|--|--|--|--|--|--|--|--|-----|------|------|-----|-----|-------------|---|--|--|--|--|--|--|--|--|--|-----|------|------|-----|-----|-------------|---|--|--|--|--|--|--|--|--|--|-----|------|------|-----|-----|-------------|---|--|--|--|--|--|--|--|--|--|-----|------|------|-----|-----|---|--------------|---|--|--|--|--|--|--|--|--|--|-----|------|------|-----|-----|--------------|---|--|--|--|--|--|--|--|--|--|-----|------|------|
| | | T5305 | T5315 | | | | | | | | | r _c | f _{min} | f _{max} | a _{p min} | a _{p max} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="0"> <tr> <td rowspan="5">△</td> <td>TNMA 160404</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0,4</td> <td>0,10</td> <td>0,24</td> <td>0,4</td> <td>4,8</td> </tr> <tr> <td>TNMA 160408</td> <td>■</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0,8</td> <td>0,10</td> <td>0,40</td> <td>0,8</td> <td>4,8</td> </tr> <tr> <td>TNMA 160412</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,2</td> <td>0,10</td> <td>0,40</td> <td>1,2</td> <td>4,8</td> </tr> <tr> <td>TNMA 220408</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0,8</td> <td>0,10</td> <td>0,40</td> <td>0,8</td> <td>6,4</td> </tr> <tr> <td>TNMA 220412</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,2</td> <td>0,10</td> <td>0,40</td> <td>1,2</td> <td>6,4</td> </tr> <tr> <td rowspan="2">△</td> <td>TNMA 160408S</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0,8</td> <td>0,10</td> <td>0,40</td> <td>0,8</td> <td>4,8</td> </tr> <tr> <td>TNMA 220412S</td> <td>■</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,2</td> <td>0,10</td> <td>0,40</td> <td>1,2</td> <td>6,4</td> </tr> </table> | | | | | | | | | | | | | | | | △ | TNMA 160404 | ■ | | | | | | | | | | 0,4 | 0,10 | 0,24 | 0,4 | 4,8 | TNMA 160408 | ■ | ■ | | | | | | | | | 0,8 | 0,10 | 0,40 | 0,8 | 4,8 | TNMA 160412 | ■ | | | | | | | | | | 1,2 | 0,10 | 0,40 | 1,2 | 4,8 | TNMA 220408 | ■ | | | | | | | | | | 0,8 | 0,10 | 0,40 | 0,8 | 6,4 | TNMA 220412 | ■ | | | | | | | | | | 1,2 | 0,10 | 0,40 | 1,2 | 6,4 | △ | TNMA 160408S | ■ | | | | | | | | | | 0,8 | 0,10 | 0,40 | 0,8 | 4,8 | TNMA 220412S | ■ | | | | | | | | | | 1,2 | 0,10 | 0,40 |
| △ | TNMA 160404 | ■ | | | | | | | | | | 0,4 | 0,10 | 0,24 | 0,4 | 4,8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMA 160408 | ■ | ■ | | | | | | | | | 0,8 | 0,10 | 0,40 | 0,8 | 4,8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMA 160412 | ■ | | | | | | | | | | 1,2 | 0,10 | 0,40 | 1,2 | 4,8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMA 220408 | ■ | | | | | | | | | | 0,8 | 0,10 | 0,40 | 0,8 | 6,4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMA 220412 | ■ | | | | | | | | | | 1,2 | 0,10 | 0,40 | 1,2 | 6,4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| △ | TNMA 160408S | ■ | | | | | | | | | | 0,8 | 0,10 | 0,40 | 0,8 | 4,8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMA 220412S | ■ | | | | | | | | | | 1,2 | 0,10 | 0,40 | 1,2 | 6,4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |