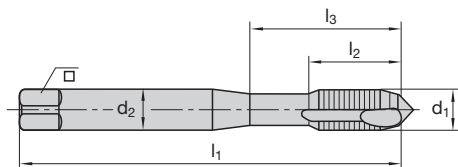




TiCN Plus



| Katalog-Nr. Cat.-No.                                          |                                                                                 |                |                |                |                |       |   | 6401C                                                                               |                       |                        |                       | 6401                           |  |  |  |
|---------------------------------------------------------------|---------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|-------|---|-------------------------------------------------------------------------------------|-----------------------|------------------------|-----------------------|--------------------------------|--|--|--|
| P1                                                            | Stahl Steel < 500 N/mm²                                                         |                |                |                |                |       |   | ■ v <sub>c</sub> = 20–25 m/min                                                      |                       |                        |                       | □ v <sub>c</sub> = 10–15 m/min |  |  |  |
| P2                                                            | Stahl Steel 500–1000 N/mm²                                                      |                |                |                |                |       |   | □ v <sub>c</sub> = 10–15 m/min                                                      |                       |                        |                       | □ v <sub>c</sub> = 8–12 m/min  |  |  |  |
| P3                                                            | Stahl Steel > 1000 N/mm²                                                        |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| M1                                                            | Rostfreie austenitische Stähle Stainless steel austenitic                       |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| M2                                                            | Rostfreie martensitische Stähle Stainless steel martensitic                     |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| K1                                                            | Grauguss Grey cast iron                                                         |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| K2                                                            | Sphäroguss Nodular cast iron                                                    |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| N1                                                            | Alu- & Cu-Legierungen langspanend Alu- & Copper alloys long chipping < 5 % Si   |                |                |                |                |       |   | □ v <sub>c</sub> = 20–25 m/min                                                      |                       |                        |                       | □ v <sub>c</sub> = 10–15 m/min |  |  |  |
| N2                                                            | Alu- & Cu-Legierungen langspanend Alu- & Copper alloys long chipping 5–10 % Si  |                |                |                |                |       |   | □ v <sub>c</sub> = 20–25 m/min                                                      |                       |                        |                       |                                |  |  |  |
| N3                                                            | Alu- & Cu-Legierungen kurzspanend Alu- & Copper alloys short chipping > 10 % Si |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| N4                                                            | Graphit Graphite                                                                |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| S1                                                            | Titanlegierungen mittelfest Titanium alloys medium strength < 900 N/mm²         |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| S2                                                            | Titanlegierungen hochfest Titanium alloys high strength < 1300 N/mm²            |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| H1                                                            | Hartguss und Harte Stähle Chilled steel and Hardened steel 45–55 HRC            |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| d <sub>1</sub>                                                | P                                                                               | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | d <sub>2</sub> | □ h12 | z |  | Ident No.             | LMT-Code               | Ident No.             | LMT-Code                       |  |  |  |
| mit verstärktem Zylinderschaft with reinforced straight shank |                                                                                 |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |
| M 1,6                                                         | 0,35                                                                            | 40             | 8              | –              | 2,5            | 2,1   | 3 | 1,25                                                                                | 1388708               | TC-BM 1.6x0.35-6H-N0-1 | 1388707               | TC-BM 1.6x0.35-6H-N0-0         |  |  |  |
| M 2                                                           | 0,4                                                                             | 45             | 8              | 11             | 2,8            | 2,1   | 3 | 1,6                                                                                 | 1388735               | TC-BM 02x0.40-6H-N0-1  | 1388734               | TC-BM 02x0.40-6H-N0-0          |  |  |  |
| M 2,2                                                         | 0,45                                                                            | 45             | 8              | 12             | 2,8            | 2,1   | 3 | 1,75                                                                                | 1388744               | TC-BM 2.2x0.45-6H-N0-1 | 1388743               | TC-BM 2.2x0.45-6H-N0-0         |  |  |  |
| M 2,3                                                         | 0,4                                                                             | 45             | 8              | 13             | 2,8            | 2,1   | 3 | 1,9                                                                                 | 1388753               | TC-BM 2.3x0.40-6H-N0-1 | 1388752               | TC-BM 2.3x0.40-6H-N0-0         |  |  |  |
| M 2,5                                                         | 0,45                                                                            | 50             | 9              | 15             | 2,8            | 2,1   | 3 | 2,05                                                                                | 1388762               | TC-BM 2.5x0.45-6H-N0-1 | 1388761               | TC-BM 2.5x0.45-6H-N0-0         |  |  |  |
| M 2,6                                                         | 0,45                                                                            | 50             | 9              | 16             | 2,8            | 2,1   | 3 | 2,1                                                                                 | 1388771 <sup>1)</sup> | TC-BM 2.6x0.45-6H-N0-1 | 1388770 <sup>1)</sup> | TC-BM 2.6x0.45-6H-N0-0         |  |  |  |
| M 3                                                           | 0,5                                                                             | 56             | 11             | 18             | 3,5            | 2,7   | 3 | 2,5                                                                                 | 1389305 <sup>1)</sup> | TC-BM 03x0.50-6H-N0-1  | 1388789               | TC-BM 03x0.50-6H-N0-0          |  |  |  |
| M 3,5                                                         | 0,6                                                                             | 56             | 12             | 20             | 4              | 3     | 3 | 2,9                                                                                 | 1388799 <sup>1)</sup> | TC-BM 3.5x0.60-6H-N0-1 | 1388798               | TC-BM 3.5x0.60-6H-N0-0         |  |  |  |
| M 4                                                           | 0,7                                                                             | 63             | 13             | 21             | 4,5            | 3,4   | 3 | 3,3                                                                                 | 1389314               | TC-BM 04x0.70-6H-N0-1  | 1388805               | TC-BM 04x0.70-6H-N0-0          |  |  |  |
| M 4,5                                                         | 0,75                                                                            | 70             | 14             | 25             | 6              | 4,9   | 3 | 3,7                                                                                 | 1388815 <sup>1)</sup> | TC-BM 4.5x0.75-6H-N0-1 | 1388814               | TC-BM 4.5x0.75-6H-N0-0         |  |  |  |
| M 5                                                           | 0,8                                                                             | 70             | 14             | 25             | 6              | 4,9   | 3 | 4,2                                                                                 | 1389323 <sup>1)</sup> | TC-BM 05x0.80-6H-N0-1  | 1388823               | TC-BM 05x0.80-6H-N0-0          |  |  |  |
| M 6                                                           | 1                                                                               | 80             | 16             | 30             | 6              | 4,9   | 3 | 5                                                                                   | 1389332               | TC-BM 06x1.00-6H-N0-1  | 1388832               | TC-BM 06x1.00-6H-N0-0          |  |  |  |
| M 7                                                           | 1                                                                               | 80             | 16             | 30             | 7              | 5,5   | 3 | 6                                                                                   | 1388842 <sup>1)</sup> | TC-BM 07x1.00-6H-N0-1  | 1388841               | TC-BM 07x1.00-6H-N0-0          |  |  |  |
| M 8                                                           | 1,25                                                                            | 90             | 18             | 35             | 8              | 6,2   | 3 | 6,8                                                                                 | 1389341               | TC-BM 08x1.25-6H-N0-1  | 1388850               | TC-BM 08x1.25-6H-N0-0          |  |  |  |
| M 9                                                           | 1,25                                                                            | 90             | 18             | 35             | 9              | 7     | 3 | 7,8                                                                                 | 1388870 <sup>1)</sup> | TC-BM 09x1.25-6H-N0-1  | 1388869               | TC-BM 09x1.25-6H-N0-0          |  |  |  |
| M 10                                                          | 1,5                                                                             | 100            | 20             | 39             | 10             | 8     | 3 | 8,5                                                                                 | 1389350               | TC-BM 10x1.50-6H-N0-1  | 1388878               | TC-BM 10x1.50-6H-N0-0          |  |  |  |
|                                                               |                                                                                 |                |                |                |                |       |   |                                                                                     |                       |                        |                       |                                |  |  |  |

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■ = Hauptanwendung First choice  
□ = Nebenanwendung Second choice

<sup>1)</sup> Auf Anfrage verfügbar  
Available on request