



| Katalog-Nr. Cat.-No.                                          |                                                                                     |                |                |                |                |       |   |                                                                                     | 6546C     |                                 |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|-------|---|-------------------------------------------------------------------------------------|-----------|---------------------------------|
| P1                                                            | Stahl Steel < 500 N/mm <sup>2</sup>                                                 |                |                |                |                |       |   |                                                                                     | ■         | v <sub>c</sub> = 15–25 m/min    |
| P2                                                            | Stahl Steel 500–1000 N/mm <sup>2</sup>                                              |                |                |                |                |       |   |                                                                                     | ■         | v <sub>c</sub> = 15–25 m/min    |
| P3                                                            | Stahl Steel > 1000 N/mm <sup>2</sup>                                                |                |                |                |                |       |   |                                                                                     | □         | v <sub>c</sub> = 10–20 m/min    |
| 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       |                |                |                |                |       |   |                                                                                     |           |                                 |
| N2                                                            | Alu- & Cu-Legierungen langspanend Alu- & Copper alloys long chipping 5–10 % Si      |                |                |                |                |       |   |                                                                                     |           |                                 |
| N3                                                            | Alu- & Cu-Legierungen kurzspanend Alu- & Copper alloys short chipping > 10 % Si     |                |                |                |                |       |   |                                                                                     |           |                                 |
| N4                                                            | Graphit Graphite                                                                    |                |                |                |                |       |   |                                                                                     |           |                                 |
| S1                                                            | Titanlegierungen mittelfest Titanium alloys medium strength < 900 N/mm <sup>2</sup> |                |                |                |                |       |   |                                                                                     |           |                                 |
| S2                                                            | Titanlegierungen hochfest Titanium alloys high strength < 1300 N/mm <sup>2</sup>    |                |                |                |                |       |   |                                                                                     |           |                                 |
| 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                        |
| mit verstärktem Zylinderschaft with reinforced straight shank |                                                                                     |                |                |                |                |       |   |                                                                                     |           |                                 |
| UNC 1/4                                                       | 20                                                                                  | 80             | 13             | 31             | 7              | 5,5   | 3 | 5,1                                                                                 | 7295856   | TC-CUNC 1/4x20-2BX-STE45-10-BD  |
| UNC 5/16                                                      | 18                                                                                  | 90             | 14             | 35             | 8              | 6,2   | 3 | 6,6                                                                                 | 7295857   | TC-CUNC 5/16x18-2BX-STE45-10-BD |
| UNC 3/8                                                       | 16                                                                                  | 100            | 16             | 40             | 9              | 7     | 3 | 8                                                                                   | 7295858   | TC-CUNC 3/8x16-2BX-STE45-10-BD  |
| mit Überlaufschaft with standard straight shank               |                                                                                     |                |                |                |                |       |   |                                                                                     |           |                                 |
| UNC 1/2                                                       | 13                                                                                  | 110            | 20             | –              | 9              | 7     | 4 | 10,8                                                                                | 7295859   | TC-CUNC 1/2x13-2BX-STE45-10-CD  |
| UNC 5/8                                                       | 11                                                                                  | 110            | 22             | –              | 12             | 9     | 4 | 13,5                                                                                | 7295860   | TC-CUNC 5/8x11-2BX-STE45-10-CD  |
| UNC 3/4                                                       | 10                                                                                  | 125            | 25             | –              | 14             | 11    | 4 | 16,5                                                                                | 7295861   | TC-CUNC 3/4x10-2BX-STE45-10-CD  |

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■ = Hauptanwendung First choice  
□ = Nebenanwendung Second choice