



# TTM3250556E

**Type:** Micro-milling cutter

| d1   | d2   | l1 | l2    |
|------|------|----|-------|
| 5,56 | 6,00 | 50 | 16,70 |

| Coolant holes | Cut   | Spiral angle | Cutting edges Z |
|---------------|-------|--------------|-----------------|
| No            | Right | 30°          | 3               |

| Coated | Coating type | Material | Material type | Norm |
|--------|--------------|----------|---------------|------|
| Yes    | ALCRONOS     | MD       | SMG SP        | TUSA |

| Machinable Materials |                                                     |                                                                                                      |                  |                               |
|----------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------|-------------------------------|
| Cod.                 | Material type                                       | Machinability                                                                                        | Cutting speed Vc | Advancement per revolution fn |
|                      |                                                     | <div>Recommended</div> <div>Part.</div> <div>recommended</div> <div>Not</div> <div>recommended</div> | (m/min)          | (mm/rev)                      |
| P01                  | Unalloyed steels up to 800 N/mm2                    |                     | 120              | 0,013                         |
| P02                  | Low alloy steels from 800 N/mm2 to 1100 N/mm2       |                     | 120              | 0,014                         |
| P03                  | Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2 |                     | 120              | 0,012                         |
| M01                  | Ferritic stainless steels                           |                     | 120              | 0,010                         |
| M02                  | Martensitic stainless steels                        |                     | 120              | 0,010                         |
| M03                  | Martensitic stainless steels - PH                   |                     | 120              | 0,010                         |
| M04                  | Austenitic stainless steels                         |                    | 120              | 0,010                         |
| K01                  | Gray/lamellar cast iron                             |                   | 120              | 0,012                         |
| K02                  | Nodular/nodular cast iron                           |                   | 120              | 0,012                         |
| N01                  | Drawn aluminum alloys                               |                   | 140              | 0,035                         |
| N02                  | Die-cast aluminum alloys                            |                   | 140              | 0,035                         |
| N03                  | Copper                                              |                   | 140              | 0,035                         |
| N04                  | Brass - Bronze                                      |                   | 140              | 0,035                         |
| N05                  | Lead-free brass                                     |                   | 140              | 0,035                         |
| S01                  | Super alloys (Inconel - Hastelloy - Nimonic)        |                   | 50               | 0,010                         |
| S02                  | Pure titanium (Grade 2 - Grade 4)                   |                   | 100              | 0,010                         |
| S03                  | Titanium alloys (Grade 5)                           |                   | 100              | 0,010                         |
| S04                  | Cobalt Chrome Alloys                                |                   | 80               | 0,010                         |
| H01                  | Hardened steels up to 55 HRC                        |                   | -                | -                             |

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|                      |                                                     | Recommended<br>Part.<br>recommended<br>Not<br>recommended                           | (m/min)          | (mm/rev)                      |
| P01                  | Unalloyed steels up to 800 N/mm2                    |    | 120              | 0,013                         |
| P02                  | Low alloy steels from 800 N/mm2 to 1100 N/mm2       |    | 120              | 0,014                         |
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| M01                  | Ferritic stainless steels                           |    | 120              | 0,010                         |
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| K01                  | Gray/lamellar cast iron                             |  | 120              | 0,012                         |
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| S04                  | Cobalt Chrome Alloys                                |  | 80               | 0,010                         |
| H01                  | Hardened steels up to 55 HRC                        |  | -                | -                             |
| H02                  | Hardened steels from 55 HRC                         |  | -                | -                             |