

**1032231 | Carbide end mill (mini) -TivolyNorm -Normal cut  
-Chipping cut -D shape**

High performance carbide file cutter milling. Versatile use thanks to its substrate and diamond tooting geometry. Made in France.



- Especially for high-strength steels, stainless steels and cast irons
- Especially for weld bead
- Excellent surface finish
- Superior long life
  
- Chip breaker teeth
- Carbide head

**Machine**



**Application**

|                          |                                       |                     |                             |                            |
|--------------------------|---------------------------------------|---------------------|-----------------------------|----------------------------|
| <b>H</b>                 | <b>K</b>                              | <b>M</b>            | <b>P</b>                    | <b>S</b>                   |
| H- Steels & Darned Fonts | K- Ferrous Cast iron with Short Chips | M- Stainless steels | P- Ferrous Long Chip Steels | S- Super Refractory Alloys |

**Features**



**Properties and benefits**

- + Chip-breaking teeth: teeth designed for their high versatility, diamond cutting for the excellent breaking up of chips. ➡ Enables the effective filing of the majority of metals, excellent chip breaking, and neat surface conditions.
- + Tungsten carbide head: ground in a grade of carbide especially suited for high rotation speeds. ➡ Enables an excellent throughout rate and very high resistance to wear, suitable for very high rotation speeds in the majority of metals.



| Item number M3 | EAN (13 digits) M3 | Cutter diameter | Handle diameter or CM | Total length | Trimmed length | Number of tee |
|----------------|--------------------|-----------------|-----------------------|--------------|----------------|---------------|
| 10322310300    | 3221910620899      | 3               | 3                     | 38           | 12             |               |