

# 1031771 | TivolyNorm tapered carbide file cutter -Normal cut -Chipping cutter -D shape

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



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

## Machine



## Application



## Features



## Properties and benefits

- + Cylindrical shank: the diameter of the shank is equal to the diameter of the tip. ➡ Enables versatile use on portable electrical tools and CNC machine tools.
- + 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 teeth or cutting edges z ARTICLE	Quantity No. pieces per sales unit	PCB By How Much M3
10317710600	3221910617424	6	6	50	20		1	1
10317710800	3221910617431	8	6	65	20		1	1
10317711000	3221910617448	10	6	65	20		1	1
10317711200	3221910617455	12	6	70	25		1	1
103177116006	3221910617479	16	6	70	30		1	1