

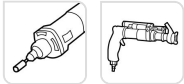
# 1031811 | Oval carbide file cutter -TivolyNorm -Normal cut -Chip cutter -D shape

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

K	N	P 1	P 2
K- Ferrous Cast iron with Short Chips	N- Non-ferrous alloys	P1- Unrealized steels	P2- Weakly allied steels

### 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 throughput 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
10318110400	3221910618520	4	6	50	6		1	1
10318110600	3221910618537	6	6	50	10		1	1
10318110800	3221910618544	8	6	58	13		1	1
10318111000	3221910618551	10	6	61	16		1	1
10318111200	3221910618568	12	6	65	20		1	1
103181116006	3221910618582	16	6	70	25		1	1
103181120006	3221910618605	20	6	70	25		1	1