

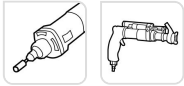
# 1031611 | Carbide file milling cutter -TivolyNorm -Normal cut -Chip cutter -D shape

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

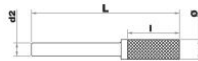
K	N	P 1	P 2
K- Ferrous Cast iron with Short Chips	N- Non- ferrous alloys	P1- Unrealized steels	P2- Weakly allied steels

## 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 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
10316110400	3221910613181		4	6	50	14	
10316110600	3221910613198		6	6	50	16	
10316110800	3221910613204		8	6	65	20	
10316111000	3221910613211		10	6	65	20	
10316111200	3221910613228		12	6	70	25	
10316111600	3221910613235		16	8	70	25	
103161116006	3221910613242		16	6	70	25	