

SOLID CARBIDE END MILLS · END MILLS FOR EVERY MATERIAL

6-flute end mill - square, torus and ball nose

Solid carbide end mill with 6 flutes, square, torus or ball nose, for dynamic roughing and finishing: more flutes engaged for higher feed rates and better surfaces on steels, stainless steels, superalloys and hardened steels.



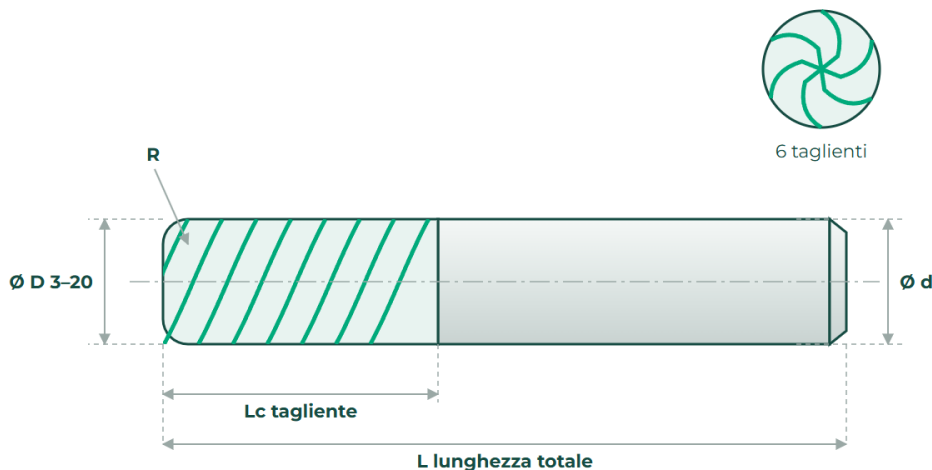
KEY DATA

Product type	Solid Carbide End Mills
ISO materials	P steel M stainless S superalloys H hardened
Operation	Finishing · Semi-finishing · Roughing
Online page	innot-it.com/en/prodotto/fresa-6-taglienti

Technical drawing

Fresa 6 taglienti – piana, torica e sferica

Sgrossatura dinamica e finitura ad alto avanzamento



ISO P acciai

ISO M inox

ISO S superleghe

ISO H temprati

INNOT

Indicative dimensions: D = cutting diameter, Lc = cutting length, L = overall length, d = shank diameter. Exact dimensions are chosen at the quotation stage.

Features

Geometry	Square (sharp corner), torus (corner radius) or ball nose ($R = D/2$)
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Cutting edges	6
Diameters	Ø 3-20 mm
ISO materials	P (steels), M (stainless steels), S (superalloys and titanium), H (hardened steels)
Operations	Dynamic roughing (trochoidal and high-efficiency milling) and finishing of walls and profiles
Why 6 flutes	A parità di avanzamento per dente l'avanzamento al minuto è più alto del 50% rispetto a una fresa a 4 taglienti, con più taglienti in presa e un'anima più robusta: meno vibrazioni e pareti più lisce.
Versions	Square, torus with corner radii according to diameter, or ball nose. Short or long cutting edge, full shank or reduced neck. Diameters from Ø3 to Ø20 mm.
Tool material	Coated solid carbide

Coatings and carbide

All coatings are available on this tool, also in custom versions:

● TiN
 ● TiCN
 ● TiAlN
 ● AlTiN
 ● AlCrN
 ● TiSiN
 ● AlTiSiN
 ● AlCrSiN
 ● CrN
 ● ZrN
 ● TiB2
 ● DLC
 ● ta-C
 ● CVD diamond
 ● Uncoated

[Compare coatings and carbide grades →](#)

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Cutting data are indicative starting values: adjust them to machine, clamping, tool overhang and workpiece material. Data and images may change without notice.