

THREADING · TAPS · SPECIAL AND CUSTOM THREADS

Taps for fine, pipe and inch threads

Metric fine, pipe G, Whitworth, UNC, UNF, UNEF, Pg and round, right- and left-hand: the same geometries for through and blind holes as the metric taps.



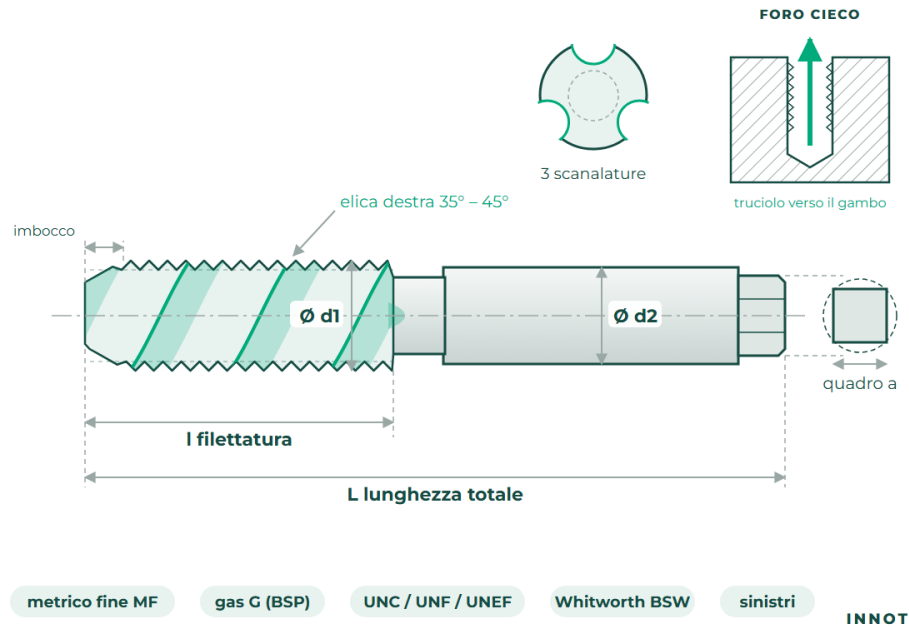
KEY DATA

Product type	Taps
ISO materials	P steel M stainless K cast iron N aluminium
Online page	innot-it.com/en/prodotto/maschi-filetti-speciali

Technical drawing

Maschi per filetti fini, gas e pollici

MF, G (BSP), BSW, UNC, UNF, UNEF, UN, Pg, Rd · destri e sinistri



Available threads

System	Range	Application
Metric fine MF	from MF 3 x 0.35 to MF 52 x 4	All ISO fine pitches, tolerance 6H
Parallel pipe G (BSP)	da G 1/8" a G 2"	Fittings, hydraulics and pneumatics, gasket sealing

System	Range	Application
Whitworth BSW	da 1/8" a 2"	Machinery and spare parts of British manufacture
UNC	da n. 2-56 a 3"-4	Inch coarse pitch, tolerance 2B
UNF	da n. 2-64 a 1.1/2"-12	Inch fine pitch, tolerance 2B
UNEF	da n. 12-32 a 1.1/2"-18	Inch extra-fine pitch
UN constant pitch	da 9/16"-20 a 3"-8	Large diameters with constant pitch
Pg (electrical conduit)	from Pg 7 to Pg 48	Cable glands, switchboards and electrical systems
Round Rd	from Rd 8	Robust thread for fittings and connections
Left-hand	M, MF and G	Same geometries as right-hand taps, for through and blind holes

Taper threads (NPT, BSPT), trapezoidal Tr and profiles to drawing: see the custom tap.

Geometries and materials

Through holes	Spiral point, form B
Blind holes	Right-hand helix 15°, 35° or 45° depending on the material, form C
Cast irons and short chips	Straight flutes, form C
Materials	Annealed and quenched and tempered steels, stainless steels, cast irons, aluminium: substrate and coating as for metric taps (see the guide below)
Design	Reinforced or reduced shank depending on size (DIN 371, 376, 374, 2184-1)

Selection guide

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