HOLEX

Fluteless machine tap without oil grooves HSS-E 6HX, TiAlN, M: M3,5

Order data

Order number	139132 M3,5
GTIN	4045197446541
Item class	12H

Description

Version:
Size M1–M1.4 – **tolerance class:** ISO 1X / 4HX
DIN 2174 (≈ DIN 371 ≤ M10; ≈ **DIN 376** ≥ M12**).**
Tolerance class: ISO 2X 6HX
Thread pitch: 0.6 mm
Overall length L: 56 mm
Shank ⌀ D_s: 4 mm
Shank square ☐: 3 mm
Tapping hole ⌀ guide value: 3.25 mm

Technical description

Thread ⌀	3.5 mm
Number of cutting edges Z	3
Number of clamping slots	3
Thread pitch	0.6 mm
Shank ⌀ D_s	4 mm
Shank square ☐	3 mm
Overall length L	56 mm
Tapping hole ⌀ guide value	3.25 mm
Tolerance class	ISO 2X 6HX
Thread depth	5.25 mm

Thread size	M3.5
Coating	TiAlN
Thread type	M
Flank angle	60 °
Tool material	HSS E
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 1.5×D for through holes
Application for type of drilling	up to 1.5×D for blind holes
Cutting direction	right-hand
Colour ring	green
Type of product	Fluteless tap

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	23 m/min	N
Steel < 500 N/mm²	suitable	23 m/min	P
Steel < 750 N/mm²	suitable	22 m/min	P
Steel < 900 N/mm²	suitable	22 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	11 m/min	M
CuZn	suitable only under restricted conditions	12 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		