Garant

Stub drill HSS-E N, uncoated, ⌀ DC h8: 4,3mm

Order data

Order number	113150 4,3
GTIN	4045197004413
Item class	11B

Description

Version:
Particularly robust and strong due to strengthened core.
Ground flutes, with high concentricity.
Bright finish.
Advantage:
Ideal for drilling shallow holes (approx. 2 - 4×D) on NC machines and automatic machines.
Recommendation:
Maximum drilling depth:
$L_2 = L_C - 1.5 \times D_C$.

Technical description

Nominal ⌀ D_C	4.3 mm
Flute length L_c	24 mm
Number of cutting edges Z	2
Feed f in steel < 900 N/mm^2	0.05 mm/rev.
Tolerance nominal ⌀	h8
Shank ⌀ D_s	4.3 mm
Overall length L	58 mm
Standard	DIN 1897
recommended maximum drilling depth L_2	17.6 mm
Point angle	130 degrees

Shank	Plain shank
Coating	uncoated
Tool material	HSS E
Type	N
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions	80 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	45 m/min	N
Alu > 10% Si	suitable only under restricted conditions	50 m/min	N
Steel < 500 N/mm²	suitable	40 m/min	P
Steel < 750 N/mm²	suitable	30 m/min	P
Steel < 900 N/mm²	suitable	25 m/min	P
Steel < 1100 N/mm²	suitable only under restricted conditions	10 m/min	P
Steel < 1400 N/mm²	suitable only under restricted conditions	8 m/min	P
INOX < 900 N/mm²	suitable	12 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	8 m/min	M
Ti > 850 N/mm²	suitable only under restricted conditions	5 m/min	S
GG(G)	suitable	25 m/min	K
CuZn	suitable only under restricted conditions	80 m/min	N

Uni	suitable
Oil	suitable
wet maximum	suitable