Garant

Solid carbide NC high performance drill FS, plain shank DIN 6535 HB, TiAlN, ∅ DC h7: 8,06-Xmm

Order data

Order number	122545 8,06-X
GTIN	4062406077846
Item class	11E

Description

Version:
Particularly strong due to strengthened core and **special profile.** Special point geometry.
High concentricity and **long tool life. Precision drilling qualities.**
Note:
Flute length $L_C = L_2 + 1.5 \times D_C$. Delivery time: 12 working weeks
Minimum order quantity: 3 pcs
Items made to order for a specific customer:
Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement. Items cannot be returned. We reserve the right to over-deliver or under-deliver by ±10% (minimum 1 piece).

Technical description

Feed f in steel < 750 N/mm^2	0.2 mm/rev.
Shank ∅ D_s	10 mm
Flute length L_c	61 mm
Overall length L	103 mm
Standard	DIN 6537
Number of cutting edges Z	2
Tolerance nominal ∅	h7
∅ range	8.06 - 10.05 mm
Coating	TiAlN

Tool material	Solid carbide
Version	6×D
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	190 m/min	N
Aluminium (short chipping)	suitable	170 m/min	N
Alu > 10% Si	suitable	140 m/min	N
Steel < 500 N/mm²	suitable	90 m/min	P
Steel < 750 N/mm²	suitable	85 m/min	P
Steel < 900 N/mm²	suitable	75 m/min	P
Steel < 1100 N/mm²	suitable	65 m/min	P
Steel < 1400 N/mm²	suitable	40 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	40 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	30 m/min	M
Ti > 850 N/mm²	suitable only under restricted conditions	25 m/min	S
GG(G)	suitable only under restricted conditions	70 m/min	K
CuZn	suitable only under restricted conditions	160 m/min	N

Uni	suitable
wet maximum	suitable
dry	suitable