

Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC m6 (mm or inch): 18,06-X



Order data

Order number	123008 18,06-X
GTIN	4062406079857
Item class	11E

Description

IMPORTANT: item is configurable

Ø range: 18.06 - 20.05 mm, Intervall: 0,010

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. High roundness and alignment accuracy of the deep hole, thanks to **4 guide chamfers**. Outstanding chip evacuation due to **4 internal cooling channels** from Ø 3.8 mm. Up to 3.7 mm Ø with 2 internal cooling channels. **Straight major cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

Note:

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 123010**.

Form **HE**: order with **No. 123008 + 129100HE**.

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 $\pm 10\%$ (minimum 1 piece).

Standard: Manufacturer's standard

Tolerance nominal Ø: m6

Number of cutting edges Z: 2

Tolerance nominal Ø: m6

Overall length L: 243 mm

Shank Ø D_s : 20 mm

Feed f in stainless steel $> 900 \text{ N/mm}^2$: 0.25 mm/rev.

Technical description

Flute length L_c	190 mm
Standard	Manufacturer's standard
Overall length L	243 mm
Feed f in stainless steel > 900 N/mm ²	0.25 mm/rev.
Shank $\varnothing D_s$	20 mm
Number of cutting edges Z	2
Tolerance nominal \varnothing	m6
\varnothing range	18.06 - 20.05 mm
Coating	TiAlN
Tool material	Solid carbide
Version	8xD
Point angle	140°
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	blue
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	90 m/min	P
Steel < 750 N/mm ²	suitable	75 m/min	P
Steel < 900 N/mm ²	suitable	70 m/min	P
Steel < 1100 N/mm ²	suitable	55 m/min	P
Steel < 1400 N/mm ²	suitable	32 m/min	P
INOX < 900 N/mm ²	suitable	70 m/min	M
INOX > 900 N/mm ²	suitable	60 m/min	M

wet maximum	suitable
wet minimum	suitable