



Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 8,1



Order data

Order number	122630 8,1
GTIN	4045197054043
Item class	12E

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**.

Straight major cutting edges with slightly honed edges and special flute profile produce **short chips**.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$.

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

Form **HB**: order with **No. 122635**.

Form **HE**: order with **No. 122640**.

NEW GENERATION AVAILABLE!

Recommended successor product is No. 122776.

Technical description

Flute length L_c	61 mm
Nominal $\varnothing D_c$	8.1 mm
Number of cutting edges Z	2
Shank tolerance	h6
Feed f in steel < 900 N/mm ²	0.18 mm/rev.
Tolerance nominal \varnothing	h7
Shank $\varnothing D_s$	10 mm

Overall length L	103 mm
Standard	DIN 6537
recommended maximum drilling depth L ₂	48.9 mm
Coating	TiN
Tool material	Solid carbide
Version	6×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	240 m/min	N
Steel < 500 N/mm ²	suitable	110 m/min	P
Steel < 750 N/mm ²	suitable	90 m/min	P
Steel < 900 N/mm ²	suitable	80 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	65 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	30 m/min	P
INOX < 900 N/mm ²	suitable	35 m/min	M
INOX > 900 N/mm ²	suitable	30 m/min	M
Ti > 850 N/mm ²	suitable	30 m/min	S
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

Air

suitable only under
restricted conditions