Garant

Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC h7: 14,2 mm

Order data

Order number	122440 14,2
GTIN	4045197048769
Item class	11E

Description

Version:
Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry. Convex cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.
Recommendation:
Maximum drilling depth:
clamping slot length (see table) less 1.5×nominal Ø.
Note:
Form HB and HE supplied at the same price as HA.
Form **HB**: order with **No. 122445/122505**.
Form **HE**: order with **No. 122440/122500** and **129100HE**.
Flute length $L_c = L_2 + 1.5 \times D_c$.
NEW GENERATION AVAILABLE!
Recommended successor products are No. 122415; 122425; 122435 and 122361, as well as 122371.
Standard: DIN 6537 K
Tolerance nominal Ø: h7
Number of cutting edges Z: 2
Tolerance nominal Ø: h7
recommended maximum drilling depth L_2: 43.7 mm
Overall length L: 115 mm
Shank Ø D_s: 16 mm
Feed f in steel < 1100 N/mm^2: 0.32 mm/rev.

Technical description

Feed f in steel < 1100 N/mm^2	0.32 mm/rev.

Number of cutting edges Z	2
Flute length L_c	65 mm
Nominal Ø D_c	14.2 mm
Shank tolerance	h6
Tolerance nominal Ø	h7
Shank Ø D_s	16 mm
Overall length L	115 mm
Standard	DIN 6537 K
recommended maximum drilling depth L_2	43.7 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE