

Garant**HiPer-Drill cutter insert m7, HB3040, Ø D: 21 mm****Order data**

Order number	231645 21
GTIN	4062406162931
Item class	21M

Description**Version:**

Vee ground cutter inserts for precise positioning and stable seating.
Concentricity when assembled $\leq 20 \mu\text{m}$. For holes up to IT9 accuracy.

Special pyramidal point geometry, optimal spot drilling – even with unstable conditions and long tool overhangs.

Such as when processing sheet metal and steel girders. Also suitable for stack drilling.

Note:

1×D maximum drilling depth without through-coolant.

Further sizes available on request. Cutting data apply to 5×D drilling bodies.

Use exclusively cutter heads of the same type when drilling pilot holes.

Point angle: 120 degrees

Use for drilling: Drilling through a stack

for base body Ø D: 21 mm

Feed f in steel $< 750 \text{ N/mm}^2$: 0.3 mm/rev.

Technical description

Ø D	21 mm
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for base body Ø D	21 mm
Use for drilling	Drilling through a stack
Feed f in steel < 750 N/mm ²	0.3 mm/rev.
Number of changes/inserts	1
Coating	TiAlN
Grade	HB3040
Tool material	Carbide
Point angle	120 degrees
Number of cutting edges Z	2
Type of product	Cutter insert for boring