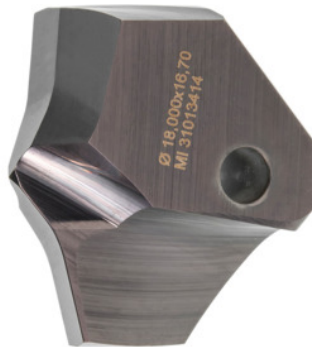


Garant**HiPer-Drill cutter insert m7, HB3040, Ø D: 19,5 mm****Order data**

Order number	231645 19,5
GTIN	4062406162894
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:

1xD maximum drilling depth without through-coolant.

Cutting data applies for the base body 5xD.

Drill pilot holes exclusively with cutter insert of the same type.

Semi-Standard: yes

Use for drilling: Drilling through a stack

for base body Ø D: 19 mm

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

Technical description

for base body Ø D	19 mm
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Ø D	19.5 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
Semi-Standard	yes
Number of cutting edges Z	2
Type of product	Cutter insert for boring