

Garant
HiPer-Drill cutter insert m7, HB3040, Ø D: 21,5 mm

Order data

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|--------------|---------------|
| Order number | 231645 21,5 |
| GTIN | 4062406162948 |
| 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

| | |
|-------------------|-------|
| for base body Ø D | 21 mm |
|-------------------|-------|

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|---|--------------------------|
| Ø D | 21.5 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 |
| Number of cutting edges Z | 2 |
| Type of product | Cutter insert for boring |