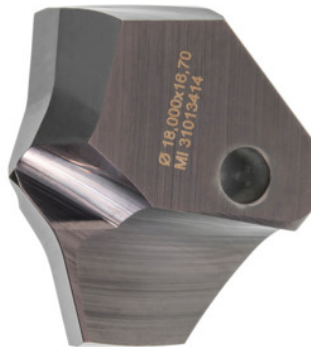


Garant
HiPer-Drill cutter insert m7, HB3040, Ø D: 31 mm

Order data

| | |
|--------------|---------------|
| Order number | 231645 31 |
| GTIN | 4062406163082 |
| 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.

Cutting data applies for the base body 5×D.

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

Technical description

| | |
|--------------------|--------------------------|
| Series | HiPer-Drill |
| Ø D | 31 mm |
| for base body size | 31 mm |
| Use for drilling | Drilling through a stack |

| | |
|---|--------------------------|
| Feed f in steel < 750 N/mm ² | 0.35 mm/rev. |
| Number of changes/inserts | 1 |
| Coating | TiAlN |
| Point angle | 160 degrees |
| Grade | HB3040 |
| Tool material | Carbide |
| Semi-Standard | yes |
| Number of cutting edges Z | 2 |
| Type of product | Cutter insert for boring |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|---|----------------|----------|
| Steel < 500 N/mm ² | suitable | 140 m/min | P |
| Steel < 750 N/mm ² | suitable | 120 m/min | P |
| Steel < 900 N/mm ² | suitable | 100 m/min | P |
| GG(G) | suitable only under restricted conditions | 80 m/min | K |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable only under restricted conditions | | |