

Garant**HiPer-Drill cutter insert m7, HB7530, Ø D: 13,2mm****Order data**

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| Order number | 231640 13,2 |
| GTIN | 4045197659309 |
| 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.

Note:

Cutting data applies for the base body $5 \times D$.
Drill pilot holes exclusively with cutter insert of the same type.

Technical description

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| for base body size | 13 mm |
| Ø D | 13.2 mm |
| Feed f in steel $< 900 \text{ N/mm}^2$ | 0.2 mm/rev. |
| Series | HiPer-Drill |
| Number of changes/inserts | 1 |
| Point angle | 135 degrees |

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|---------------------------|--------------------------|
| Grade | HB7530 |
| 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 | 130 m/min | P |
| Steel < 750 N/mm ² | suitable | 110 m/min | P |
| Steel < 900 N/mm ² | suitable | 100 m/min | P |
| Steel < 1100 N/mm ² | suitable | 90 m/min | P |
| Steel < 1400 N/mm ² | suitable | 75 m/min | P |
| TOOLOX 33 | suitable | 40 m/min | H |
| TOOLOX 44 | suitable | 35 m/min | H |
| HARDOX 500 < 1600 N/mm ² | suitable only under restricted conditions | 30 m/min | H |
| GG(G) | suitable only under restricted conditions | 80 m/min | K |
| wet maximum | suitable | | |

Accessories

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|----------------------------|------------|
| Torx Plus® screw Drive 7IP | 231999 7IP |
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