

**Garant****HiPer-Drill cutter insert m7, HB7725, Ø D: 33mm****Order data**

Order number	231660 33
GTIN	4045197718143
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 5xD.  
Drill pilot holes exclusively with cutter insert of the same type.

**Technical description**

Ø D	33 mm
Feed f in grey cast iron (G)	0.49 mm/rev.
for base body size	33 mm
Series	HiPer-Drill
Number of changes/inserts	1
Point angle	135 degrees

Grade	HB7725
Tool material	Carbide
Semi-Standard	yes
Number of cutting edges Z	2
Type of product	Cutter insert for boring

### User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	100 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	90 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	70 m/min	P
GG(G)	suitable	100 m/min	K
wet maximum	suitable		