

Garant**HiPer-Drill cutter insert n7, HU7810, Ø D: 21,5mm****Order data**

Order number	231630 21,5
GTIN	4045197710383
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	21.5 mm
for base body size	21 mm
Feed f in aluminium short-chipping	0.42 mm/rev.
Series	HiPer-Drill
Number of changes/inserts	1
Point angle	135 degrees

Grade	HU7810
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
Alu plastics	suitable	250 m/min	N
Aluminium (short chipping)	suitable	200 m/min	N
Alu > 10% Si	suitable	150 m/min	N
CuZn	suitable	180 m/min	N
wet maximum	suitable		