

**Garant****HiPer-Drill cutter insert n7, HU7810, Ø D: 31-Xmm****Order data**

Order number	231630 31-X
GTIN	4062406635817
Item class	20N

**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. Delivery time: 10 working weeks

Minimum order quantity: 3 pieces

Items made to order for a specific customer:

Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement.

Items cannot be returned.

**Technical description**

Coating	uncoated
for base body size	31 mm
Series	HiPer-Drill
Feed f in aluminium short-chipping	0.51 mm/rev.

Number of changes/inserts	1
Ø range	31 - 31.99 mm
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

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
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		