

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

**Order data**

|              |               |
|--------------|---------------|
| Order number | 231630 21     |
| GTIN         | 4045197710376 |
| 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.  
Semi-Standard: yes  
for base body Ø D: 21 mm  
Feed f in aluminium short-chipping: 0.42 mm/rev.

**Technical description**

|                                    |              |
|------------------------------------|--------------|
| Ø D                                | 21 mm        |
| for base body Ø D                  | 21 mm        |
| Feed f in aluminium short-chipping | 0.42 mm/rev. |
| Number of changes/inserts          | 1            |
| Grade                              | HU7810       |

|                           |                          |
|---------------------------|--------------------------|
| Tool material             | Carbide                  |
| Point angle               | 135 degrees              |
| Semi-Standard             | yes                      |
| Number of cutting edges Z | 2                        |
| Type of product           | Cutter insert for boring |