

**Garant****HiPer-Drill cutter insert n7, HU7810, Ø D: 25mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 231630 25     |
| GTIN         | 4045197710536 |
| 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**

|                                    |              |
|------------------------------------|--------------|
| for base body size                 | 25 mm        |
| Feed f in aluminium short-chipping | 0.46 mm/rev. |
| Ø D                                | 25 mm        |
| 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    |           |          |