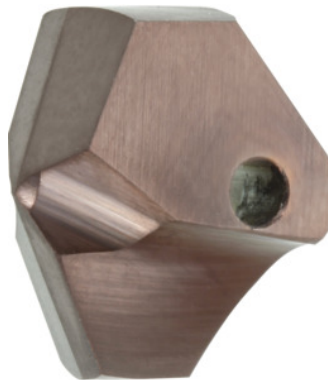


**Garant****HiPer-Drill cutter insert h7, HB7630, Ø D: 19,9mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 231650 19,9   |
| GTIN         | 4045197662262 |
| 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.

**Technical description**

|  |              |
|--|--------------|
| Feed f in stainless steel $> 900 \text{ N/mm}^2$ | 0.21 mm/rev. |
| Ø D  | 19.9 mm      |
| for base body size                               | 19 mm        |
| Series   | HiPer-Drill  |
| Number of changes/inserts                        | 1            |
| Point angle                                      | 135 degrees  |

|                           |                          |
|---------------------------|--------------------------|
| Grade                     | HB7630                   |
| 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 |
|------------------------------|---|----------------|----------|
| Alu plastics                 | suitable only under restricted conditions | 200 m/min      | N        |
| Aluminium (short chipping)   | suitable only under restricted conditions | 200 m/min      | N        |
| Alu > 10% Si                 | suitable only under restricted conditions | 150 m/min      | N        |
| INOX < 900 N/mm <sup>2</sup> | suitable                                  | 65 m/min       | M        |
| INOX > 900 N/mm <sup>2</sup> | suitable                                  | 55 m/min       | M        |
| Ti > 850 N/mm <sup>2</sup>   | suitable                                  | 30 m/min       | S        |
| wet maximum                  | suitable                                  |                |          |

### Accessories

|                            |            |
|----------------------------|------------|
| Torx Plus® screw Drive 9IP | 231999 9IP |
|----------------------------|------------|