

**Garant****Indexable insert for turning CNGA 120412, ceramic (0°), Application range: HART****Order data**

|              |               |
|--------------|---------------|
| Order number | 255711 HART   |
| GTIN         | 4045197511454 |
| Item class   | 21H           |

**Description****Version:**

High quality, high-temperature ceramic tool material for reliable operation on materials that are hard and difficult to machine.

Coated aluminium oxide titanium carbide ceramic for machining hard materials up to 68 HRC.

**Technical description**

|                      |                     |
|----------------------|---------------------|
| Application range    | HART                |
| Feed f               | 0.05 - 0.15 mm/rev. |
| Corner radius        | 1.2 mm              |
| Cutting depth $a_p$  | 0.1 - 0.9 mm        |
| Cutting edge version | 0.2 mm×25°          |
| Cutting conditions   | continuous          |
| Grade                | KB7205              |

|                               |                              |
|-------------------------------|------------------------------|
| Finishing/roughing assignment | Finishing                    |
| Tool material                 | Ceramic                      |
| ISO code indexable insert     | CNGA 120412                  |
| Number of changes/inserts     | 4                            |
| Product name attribute        | KB7205                       |
| Type of product               | Indexable insert for turning |

### User data

|                | Suitability                               | V <sub>c</sub> | ISO code |
|----------------|---|----------------|----------|
| Steel < 55 HRC | suitable                                  | 250 m/min      | H        |
| Steel < 60 HRC | suitable                                  | 210 m/min      | H        |
| Steel < 67 HRC | suitable                                  | 180 m/min      | H        |
| GG(G)          | suitable only under restricted conditions | 250 m/min      | K        |
| continuous     | suitable                                  |                |          |
| wet maximum    | suitable only under restricted conditions |                |          |
| dry            | suitable                                  |                |          |