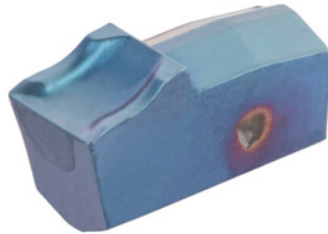


**Garant**
**Parting-off insert neutral, HB9140, Groove width w: 6,0mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 273294 6,0    |
| GTIN         | 4062406085827 |
| Item class   | 21H           |

**Description**
**Version:**

With protective chamfer. For increased metal removal rate, higher-tensile steels and interrupted cutting (feed rates increased by 10 %).

**Application:**

For parting-off tools No. 273551 – 273558.

**Technical description**

|                                         |                      |
|-----------------------------------------|----------------------|
| Feed f in steel < 900 N/mm <sup>2</sup> | 0.17 mm/rev.         |
| Corner radius                           | 0.3 mm               |
| Groove width w                          | 6 mm                 |
| Tool material                           | Carbide              |
| Coating                                 | TiAlSiN <sup>2</sup> |
| Main application                        | M                    |
| Cutting conditions                      | heavily interrupted  |
| Grade                                   | HB9140               |
| Number of changes/inserts               | 1                    |

|                          |                               |
|--------------------------|-------------------------------|
| Indexable insert profile | neutral                       |
| Type of product          | Indexable insert for grooving |

## User data

|                                | Suitability                               | V <sub>c</sub> | ISO code |
|--------------------------------|-------------------------------------------|----------------|----------|
| Steel < 500 N/mm <sup>2</sup>  | suitable only under restricted conditions | 130 m/min      | P        |
| Steel < 750 N/mm <sup>2</sup>  | suitable only under restricted conditions | 110 m/min      | P        |
| Steel < 900 N/mm <sup>2</sup>  | suitable only under restricted conditions | 90 m/min       | P        |
| Steel < 1100 N/mm <sup>2</sup> | suitable only under restricted conditions | 70 m/min       | P        |
| Steel < 1400 N/mm <sup>2</sup> | suitable only under restricted conditions | 40 m/min       | P        |
| INOX < 900 N/mm <sup>2</sup>   | suitable                                  | 120 m/min      | M        |
| INOX > 900 N/mm <sup>2</sup>   | suitable                                  | 100 m/min      | M        |
| continuous                     | suitable                                  |                |          |
| irregular                      | suitable only under restricted conditions |                |          |
| wet maximum                    | suitable                                  |                |          |