

Garant**Parting-off / grooving insert, HB7020, Groove width w: 2mm****Order data**

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|--------------|---------------|
| Order number | 273701 2 |
| GTIN | 4045197770745 |
| Item class | 21J |

Description**Version:**

Chip breaker for small diameters and reduction in cutting forces.

Technical description

| | |
|-------------------------------|------------------------------------|
| Groove width w | 2 mm |
| Tolerance groove width w | ± 0.03 mm |
| Feed f | 0.05 - 0.15 mm/rev. |
| Finishing/roughing assignment | Skrubbearbejdning-sletbearbejdning |
| Tool material | Carbide |
| Main application | P |
| Secondary application | M |
| Cutting conditions | continuous |
| Grade | HB7020 |
| Corner radius R | 0.2 mm |
| Number of changes/inserts | 2 |

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

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Steel < 500 N/mm ² | suitable | 220 m/min | P |
| Steel < 750 N/mm ² | suitable | 180 m/min | P |
| Steel < 900 N/mm ² | suitable | 170 m/min | P |
| Steel < 1100 N/mm ² | suitable | 140 m/min | P |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | 120 m/min | P |
| INOX < 900 N/mm ² | suitable | 140 m/min | M |
| INOX > 900 N/mm ² | suitable | 130 m/min | M |
| Ti > 850 N/mm ² | suitable | 60 m/min | S |
| GG(G) | suitable | 200 m/min | K |
| CuZn | suitable | 250 m/min | N |
| Uni | suitable | | |
| continuous | suitable | | |
| wet maximum | suitable | | |
| dry | suitable only under restricted conditions | | |