

Garant

Partial profile insert for DIN 472 internal, right-hand, HB7010, Width groove m (H13): 0,7mm

**Order data**

| | |
|--------------|---------------|
| Order number | 271010 0,7 |
| GTIN | 4045197765314 |
| Item class | 21J |

Description**Suitable for:**

GARANT toolholders (external/internal) No. 271997 – 272172, for threading insert size 16 or 9.3 respectively.

Technical description

| | |
|--|------------|
| Slot width m (H13) | 0.7 mm |
| t_{\max} | 0.7 mm |
| for circlips to DIN 471 / 472 ring thickness | 0.6 mm |
| Blade width w | 0.79 mm |
| Tool material | Carbide |
| Insert assignment | right-hand |
| Grade | HB7010 |
| Slots to standard | DIN 472 |

| | |
|-----------------|-------------------------------|
| Thickness | 2.42 mm |
| Insert size L | 9.3 mm |
| Type of product | Indexable insert for grooving |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable | 250 m/min | N |
| Alu > 10% Si | suitable | 180 m/min | N |
| Steel < 500 N/mm ² | suitable | 150 m/min | P |
| Steel < 750 N/mm ² | suitable | 150 m/min | P |
| Steel < 900 N/mm ² | suitable | 130 m/min | P |
| Steel < 1100 N/mm ² | suitable | 100 m/min | P |
| Steel < 1400 N/mm ² | suitable | 90 m/min | P |
| Steel < 55 HRC | suitable only under restricted conditions | 40 m/min | H |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 100 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 100 m/min | M |
| Ti > 850 N/mm ² | suitable only under restricted conditions | 50 m/min | S |
| GG(G) | suitable | 130 m/min | K |
| CuZn | suitable only under restricted conditions | 150 m/min | N |
| continuous | suitable | | |
| wet maximum | suitable | | |
| dry | suitable only under restricted conditions | | |

