

Garant**Partial profile insert 60°, internal, left-hand, HB7010, Pitch: 0,5-1,5mm**

Order data

| | |
|--------------|----------------|
| Order number | 270797 0,5-1,5 |
| GTIN | 4045197368072 |
| Item class | 21J |

Description

Version:**Partial profile insert 60°** for internal threads.

Technical description

| | |
|-------------------------------|-----------------|
| Tool material | Carbide |
| Thread pitch | 0.5 mm |
| maximum thread pitch | 1.5 mm |
| Application type | left-hand |
| Internal/external application | inner |
| Indexable insert profile | Partial profile |
| Grade | HB7010 |
| Tolerance class | DIN 13 6H |
| Thread type | M-LH |
| Thread type | MF |

| | |
|-----------------|-------------------------------------|
| Thread type | MF-LH |
| Thread type | M |
| Flank angle | 60 degrees |
| Thickness | 3.6 mm |
| Insert size L | 16 mm |
| Type of product | Indexable insert for thread turning |

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