

Garant
Full profile insert 60°, internal, right-hand, HB7010, TPI: 12


Order data

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|--------------|---------------|
| Order number | 270913 12 |
| GTIN | 4045197534484 |
| Item class | 21J |

Technical description

| | |
|-------------------------------|--------------|
| Number of turns/inch | 12 |
| Tool material | Carbide |
| Internal/external application | inner |
| Application type | right-hand |
| Indexable insert profile | Full profile |
| Grade | HB7010 |
| Thread type | UNC |
| Thread type | UNF |
| Thread type | UNEF |
| Thread type | UNS |
| Thread type | UN |
| Thread type | UN-LH |

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|-----------------|-------------------------------------|
| Thread type | UNC-LH |
| Thread type | UNF-LH |
| Thread type | UNEF-LH |
| Thread type | UNS-LH |
| 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 |