

Garant
Full profile insert 55°, external, right-hand, HB7020, TPI: 14


Order data

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|--------------|---------------|
| Order number | 270802 14 |
| GTIN | 4045197370594 |
| Item class | 21J |

Technical description

| | |
|-------------------------------|--------------|
| Number of turns/inch | 14 |
| Tool material | Carbide |
| Internal/external application | external |
| Application type | right-hand |
| Indexable insert profile | Full profile |
| Grade | HB7020 |
| Thread type | BSW |
| Thread type | BSP-LH |
| Thread type | BSP |
| Thread type | BSW-LH |
| Thread type | G |
| Thread type | G-LH |

| | |
|-----------------|-------------------------------------|
| Flank angle | 55 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 only under restricted conditions | 200 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 180 m/min | N |
| Steel < 500 N/mm ² | suitable only under restricted conditions | 160 m/min | P |
| Steel < 750 N/mm ² | suitable | 160 m/min | P |
| Steel < 900 N/mm ² | suitable | 120 m/min | P |
| Steel < 1100 N/mm ² | suitable | 90 m/min | P |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | 70 m/min | P |
| Steel < 55 HRC | suitable only under restricted conditions | 30 m/min | H |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 90 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 90 m/min | M |
| Ti > 850 N/mm ² | suitable only under restricted conditions | 50 m/min | S |
| GG(G) | suitable | 120 m/min | K |
| CuZn | suitable only under restricted conditions | 120 m/min | N |
| continuous | suitable only under restricted conditions | | |
| irregular | suitable | | |

| | |
|-------------|---|
| interrupted | suitable |
| wet maximum | suitable |
| dry | suitable only under restricted conditions |