



Full profile insert 60°, external, right-hand, HBX820, Pitch: 2,5mm

Order data

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|--------------|---------------|
| Order number | 270736 2,5 |
| GTIN | 4045197982278 |
| Item class | 22B |

Technical description

| | |
|-------------------------------|-------------------------------------|
| Tool material | Carbide |
| Thread pitch | 2.5 mm |
| Application type | right-hand |
| Internal/external application | external |
| Indexable insert profile | Full profile |
| Grade | HBX820 |
| Tolerance class | DIN 13 6H |
| Thread type | MF |
| 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 | 220 m/min | N |

| | | | |
|--------------------------------|---|-----------|---|
| Alu > 10% Si | suitable | 150 m/min | N |
| Steel < 500 N/mm ² | Suitable | 130 m/min | P |
| Steel < 750 N/mm ² | suitable | 130 m/min | P |
| Steel < 900 N/mm ² | suitable | 110 m/min | P |
| Steel < 1100 N/mm ² | suitable | 85 m/min | P |
| Steel < 1400 N/mm ² | suitable | 75 m/min | P |
| Steel < 55 HRC | suitable only under restricted conditions | 35 m/min | H |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 85 m/min | M |
| INOX > 900 N/mm ² | Suitable only under restricted conditions | 85 m/min | M |
| Ti > 850 N/mm ² | suitable only under restricted conditions | 40 m/min | S |
| GG(G) | suitable | 110 m/min | K |
| CuZn | suitable only under restricted conditions | 130 m/min | N |
| continuous | suitable | | |
| wet maximum | suitable | | |
| dry | suitable only under restricted conditions | | |