

Garant**Mini insert for internal threading right-hand, HB720, Pitch: 0,5mm****Order data**

| | |
|--------------|---------------|
| Order number | 270140 0,5 |
| GTIN | 4045197560643 |
| Item class | 21I |

Technical description

| | |
|-----------------------------|------------|
| Tip centre offset L_3 | 3.86 mm |
| Minimum advance h_{min} | 0.29 mm |
| Insert size $\varnothing d$ | 6 mm |
| Pitch | 0.5 mm |
| Thread tip-face distance Y | 0.35 mm |
| Pitch angle | 1 degrees |
| Number of passes | 4 - 6 |
| Insert thickness T | 3.8 mm |
| Thread type | M/MF |
| Grade | HB720 |
| Flank angle | 60 degrees |
| Standard | DIN 13 |

Type of product

Mini indexable insert

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|----------------------|-----------------|
| Alu plastics | suitable only under restricted conditions | 80 m/min | N |
| Aluminium (short chipping) | suitable only under restricted conditions | 80 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 60 m/min | N |
| Steel < 500 N/mm ² | suitable | 80 m/min | P |
| Steel < 750 N/mm ² | suitable | 80 m/min | P |
| Steel < 900 N/mm ² | suitable | 80 m/min | P |
| Steel < 1100 N/mm ² | suitable | 80 m/min | P |
| Steel < 1400 N/mm ² | suitable | 60 m/min | P |
| INOX < 900 N/mm ² | suitable | 70 m/min | M |
| INOX > 900 N/mm ² | suitable | 50 m/min | M |
| Ti > 850 N/mm ² | suitable only under restricted conditions | 30 m/min | S |
| GG(G) | suitable | 60 m/min | K |
| CuZn | suitable | 80 m/min | N |
| continuous | suitable | | |
| irregular | suitable only under restricted conditions | | |
| interrupted | suitable only under restricted conditions | | |
| wet maximum | suitable | | |