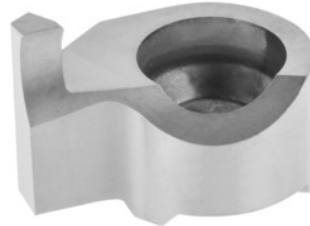


Garant
Rectangular profile cutter insert, HB720, Ø Dmin groove D1/D2: 7/12Lmm

Order data

| | |
|--------------|---------------|
| Order number | 273973 7/12L |
| GTIN | 4062406127947 |
| Item class | 21H |

Description
Attention:

Ordering size = minimum groove Ø.

Capable of cutting larger groove Ø without modification.

$D_1 = D_{min}$ internal Ø.

$D_2 = D_{min}$ external Ø.

L type with larger groove depth t_{max} .

Technical description

| | |
|---------------------------------|---------------------|
| maximum cutting depth t_{max} | 5 mm |
| Tip centre offset L_3 | 9 mm |
| Radius R | 0.2 mm |
| Feed f | 0.01 - 0.02 mm/rev. |
| Insert thickness T | 10.7 mm |
| Groove width w | 2.5 mm |
| Coating | TiCN |
| Grade | HB720 |

Type of product

Mini indexable insert

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|----------------------|-----------------|
| Alu plastics | suitable only under restricted conditions | 200 m/min | N |
| Aluminium (short chipping) | suitable only under restricted conditions | 120 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 120 m/min | N |
| Steel < 500 N/mm ² | suitable | 110 m/min | P |
| Steel < 750 N/mm ² | suitable | 110 m/min | P |
| Steel < 900 N/mm ² | suitable | 90 m/min | P |
| Steel < 1100 N/mm ² | suitable | 90 m/min | P |
| Steel < 1400 N/mm ² | suitable | 90 m/min | P |
| INOX < 900 N/mm ² | suitable | 80 m/min | M |
| INOX > 900 N/mm ² | suitable | 60 m/min | M |
| Ti > 850 N/mm ² | suitable only under restricted conditions | 25 m/min | S |
| GG(G) | suitable | 60 m/min | K |
| CuZn | suitable | 100 m/min | N |
| continuous | suitable | | |
| irregular | suitable only under restricted conditions | | |
| interrupted | suitable only under restricted conditions | | |
| wet maximum | suitable | | |