



Drill insert with pointed tip HSS-E-PM, TiAlN, Ø D: 20,5mm



Order data

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|--------------|---------------|
| Order number | 232286 20,5 |
| GTIN | 4045197593504 |
| Item class | 22F |

Description

Version:

Exchangeable HSS cutter for universal application. Cannot be reground.
With chip breaker. Pointed tip for high stability and self-centring.
For holes up to IT10 accuracy.

Note:

Other sizes, version with solid carbide cutting edges and 180° cutting edges, available on request.

Technical description

| | |
|---|--------------|
| for base body type | 18 |
| Feed f in steel < 900 N/mm ² | 0.23 mm/rev. |
| Feed f in stainless steel > 900 N/mm ² | 0.2 mm/rev. |
| Ø D | 20.5 mm |
| Number of changes/inserts | 1 |
| Coating | TiAlN |
| Point angle | 132 degrees |
| Grade | TiAlN |

| | |
|---------------------------|--------------------------|
| Tool material | HSS E PM |
| Number of cutting edges Z | 2 |
| Type of product | Cutter insert for boring |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|-------------|----------------|----------|
| Alu plastics | suitable | 200 m/min | N |
| Aluminium (short chipping) | suitable | 200 m/min | N |
| Alu > 10% Si | suitable | 120 m/min | N |
| Steel < 500 N/mm ² | suitable | 65 m/min | P |
| Steel < 750 N/mm ² | suitable | 60 m/min | P |
| Steel < 900 N/mm ² | suitable | 55 m/min | P |
| Steel < 1100 N/mm ² | suitable | 50 m/min | P |
| Steel < 1400 N/mm ² | suitable | 30 m/min | P |
| INOX < 900 N/mm ² | suitable | 30 m/min | M |
| INOX > 900 N/mm ² | suitable | 20 m/min | M |
| Ti > 850 N/mm ² | suitable | 15 m/min | S |
| GG(G) | suitable | 60 m/min | K |
| CuZn | suitable | 140 m/min | N |
| wet maximum | suitable | | |