


Jobber drill HSS-E N, uncoated, Ø DC h8: 5mm

Order data

| | |
|--------------|---------------|
| Order number | 114405 5 |
| GTIN | 4045197534958 |
| Item class | 12B |

Description
Version:

Profile ground: this ensures high concentricity and pitch accuracy. Precision ground point. Drill for production use.

With point geometry shape C from size 2 mm

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c.$$

Technical description

| | |
|---|--------------|
| Feed f in steel < 750 N/mm ² | 0.05 mm/rev. |
| Nominal Ø D _c | 5 mm |
| Flute length L _c | 52 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal Ø | h8 |
| Shank Ø D _s | 5 mm |
| Overall length L | 86 mm |
| Standard | DIN 338 |
| recommended maximum drilling depth L ₂ | 44.5 mm |
| Point angle | 135 degrees |
| Shank | Plain shank |
| Coating | uncoated |

| | |
|-----------------|--------------|
| Tool material | HSS E |
| Type | N |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Jobber drill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|----------|----------|
| Steel < 500 N/mm ² | suitable | 35 m/min | P |
| Steel < 750 N/mm ² | suitable | 28 m/min | P |
| Steel < 900 N/mm ² | suitable | 22 m/min | P |
| Steel < 1100 N/mm ² | suitable | 8 m/min | P |
| Steel < 1400 N/mm ² | suitable | 6 m/min | P |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 8 m/min | M |
| Oil | suitable | | |
| wet maximum | suitable | | |