

Garant
HSS jobber drill W, uncoated, Ø DC h8: 8,2mm

Order data

| | |
|--------------|---------------|
| Order number | 114200 8,2 |
| GTIN | 4045197015907 |
| Item class | 11B |

Description
Version:

Standard core without core taper.
Precision ground point.
Ground flute with high helix.
Bright ground surface finish.
With point geometry shape A from size 2.0 mm.

Recommendation:
Maximum drilling depth:

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

Technical description

| | |
|--|--------------|
| Flute length L_c | 75 mm |
| Nominal $\varnothing D_c$ | 8.2 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal \varnothing | h8 |
| Shank $\varnothing D_s$ | 8.2 mm |
| Overall length L | 117 mm |
| Feed f in long-chipping aluminium plastics | 0.18 mm/rev. |
| Standard | DIN 338 |
| recommended maximum drilling depth L_2 | 62.7 mm |
| Point angle | 130 degrees |
| Shank | Plain shank |

| | |
|-----------------|---------------|
| Coating | uncoated |
| Tool material | HSS |
| Type | W |
| Helix angle | 35-40 degrees |
| Through-coolant | no |
| Colour ring | yellow |
| Type of product | Jobber drill |

User data

| | Suitability | V_c | ISO code |
|----------------------------|---|----------------------|-----------------|
| Alu plastics | suitable | 70 m/min | N |
| Aluminium (short chipping) | suitable | 45 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 40 m/min | N |
| Oil | suitable | | |
| wet maximum | suitable | | |