

Garant
Solid carbide HPC drill Weldon shank DIN 6535 HB, DLC, Ø DC h7: 10,3 mm


Order data

Order number	122603 10,3
GTIN	4062406254278
Item class	11E

Description

Version:

DLC coating sp^2 of the latest generation with **low coefficient of friction** results in **outstanding chip clearance**. For **high-performance milling** of **aluminium materials**. **High roundness** and **alignment accuracy of the deep hole**, thanks to **6 guide chamfers**.

Recommendation:

Maximum drilling depth:

clamping slot length (see table) less $1.5 \times \text{nominal } \varnothing$.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$

Standard: DIN 6537

Tolerance nominal $\varnothing$: h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal $\varnothing$: h7

recommended maximum drilling depth L_2 : 55.55 mm

Overall length L: 118 mm

Shank $\varnothing D_s$: 12 mm

Feed f in aluminium short-chipping: 0.55 mm/rev.

Technical description

recommended maximum drilling depth L_2	55.55 mm
Flute length L_c	71 mm
Overall length L	118 mm
Number of cutting edges Z	2

Tolerance nominal Ø	h7
Shank tolerance	h6
Nominal Ø D _c	10.3 mm
Shank Ø D _s	12 mm
Feed f in aluminium short-chipping	0.55 mm/rev.
Standard	DIN 6537
Semi-Standard	yes
Coating	DLC
Tool material	solid carbide
Drill depth up to	6×D
Type	W
Point angle	135 degrees
Shank	DIN 6535 HB to h6
Through-coolant	Yes, with 25 bar
Machining strategy	HPC
Colour ring	yellow
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE
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