

Solid carbide high performance drill plain shank DIN 6535 HA, TiN, \varnothing DC h7 (mm or inch): 5,9 mm or inch



Order data

Order number	122630 5,9
GTIN	4045197053879
Item class	12E

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry.**

Straight major cutting edges with slightly honed edges and special flute profile produce **short chips**.

Recommendation:

Maximum drilling depth:

Flute length (see table) less $1.5 \times \text{nominal } \emptyset$.

Note:

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122635**. Form **HE**: order with **No. 122640**. **NEW GENERATION AVAILABLE!**

Recommended successor product is No. 122776.

Standard: DIN 6537 Tolerance nominal Ø: h7 Number of cutting edges Z: 2

Semi-Standard: yes Tolerance nominal Ø: h7

recommended maximum drilling depth L₂: 35.2 mm

Overall length L: 82 mm Shank Ø D_s: 6 mm

Feed f in steel < 900 N/mm²: 0.14 mm/rev.

Technical description

Feed f in steel < 900 N/mm²	Shank tolerance	h6
Number of cutting edges Z 2 Feed f in steel < 900 N/mm²	Flute length L _c	44 mm
Nominal \varnothing D_c 5.9 mm Tolerance nominal \varnothing h7 Shank \varnothing D_s 6 mm Overall length L 82 mm Standard DIN 6537 recommended maximum drilling depth L_2 35.2 mm Semi-Standard yes Coating TiN Tool material Solid carbide Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Colour ring green	Number of cutting edges Z	2
Tolerance nominal \varnothing h7Shank \varnothing Ds6 mmOverall length L82 mmStandardDIN 6537recommended maximum drilling depth L235.2 mmSemi-StandardyesCoatingTiNTool materialSolid carbideDrill depth up to $6 \times D$ Point angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barColour ringgreen	Feed f in steel < 900 N/mm ²	0.14 mm/rev.
Shank \emptyset D $_3$ 6 mmOverall length L82 mmStandardDIN 6537recommended maximum drilling depth L $_2$ 35.2 mmSemi-StandardyesCoatingTiNTool materialSolid carbideDrill depth up to $6 \times D$ Point angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barColour ringgreen	Nominal Ø D _c	5.9 mm
Overall length L82 mmStandardDIN 6537recommended maximum drilling depth L235.2 mmSemi-StandardyesCoatingTiNTool materialSolid carbideDrill depth up to6×DPoint angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barColour ringgreen	Tolerance nominal Ø	h7
StandardDIN 6537recommended maximum drilling depth L₂35.2 mmSemi-StandardyesCoatingTiNTool materialSolid carbideDrill depth up to6×DPoint angle140 degreesShankDIN 6535 HA to h6Through-coolantyes, with 25 barColour ringgreen	Shank Ø D _s	6 mm
recommended maximum drilling depth L_2 35.2 mm Semi-Standard yes Coating TiN Tool material Solid carbide Drill depth up to $6 \times D$ Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Colour ring green	Overall length L	82 mm
Semi-Standard yes Coating TiN Tool material Solid carbide Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Colour ring green	Standard	DIN 6537
Coating TiN Tool material Solid carbide Drill depth up to Point angle Shank DIN 6535 HA to h6 Through-coolant Colour ring TiN Solid carbide 140 degrees 140 degrees yes, with 25 bar green	recommended maximum drilling depth L ₂	35.2 mm
Tool material Drill depth up to Point angle Solid carbide 6×D 140 degrees DIN 6535 HA to h6 Through-coolant Colour ring green	Semi-Standard	yes
Drill depth up to 6×D Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Colour ring green	Coating	TiN
Point angle 140 degrees Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Colour ring green	Tool material	Solid carbide
Shank DIN 6535 HA to h6 Through-coolant yes, with 25 bar Colour ring green	Drill depth up to	6×D
Through-coolant yes, with 25 bar Colour ring green	Point angle	140 degrees
Colour ring green	Shank	DIN 6535 HA to h6
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Type of product Jobber drill	Colour ring	green
	Type of product	Jobber drill