

**Garant**
**Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC h7: 1,56-Xmm**

**Order data**

Order number	122760 1,56-X
GTIN	4062406079536
Item class	11E

**Description**
**Version:**

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

**Convex cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

**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. 122765**.

Form **HE**: order with **No. 122760 + 129100HE**.

**NEW GENERATION AVAILABLE!**

**Recommended successor products are No. 122715; 122725 and 122651.** Delivery time: 12 working weeks

Minimum order quantity: 3 pcs

Items made to order for a specific customer:

Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement.

Items cannot be returned. We reserve the right to over-deliver or under-deliver by  $\pm 10\%$  (minimum 1 piece).

**Technical description**

Flute length $L_c$	16 mm
Standard	DIN 6537
Feed $f$ in steel $< 1100 \text{ N/mm}^2$	0.03 mm/rev.
Overall length $L$	55 mm

Shank $\varnothing D_s$	4 mm
Tolerance nominal $\varnothing$	h7
Number of cutting edges Z	2
$\varnothing$ range	1.56 - 1.9 mm
Coating	TiAlN
Tool material	Solid carbide
Version	6xD
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

## User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable only under restricted conditions	120 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	85 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	65 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	35 m/min	P
Steel < 55 HRC	suitable	28 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	30 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable	70 m/min	K
Uni	suitable		

wet maximum	suitable
Air	suitable