Garant

Solid carbide drill-reamer with plain shank DIN 6535 HA, TiAlN, ∅ DC: 4,03 mm

Order data

Order number	122795 4,03
GTIN	4062406102326
Item class	11P

Description

Version:
Drilling and reaming in a single operation. Very high concentricity. With **4 reaming cutting edges** for optimum dimensional accuracy and surface quality as good as reaming.
Recommendation:
Maximum drilling depth:
flute length (see table) less 1.5×nominal ∅.
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. 122795 + 129100HB** .
Form **HE:** order with **No. 122795 + 129100HE**.
Through-coolant: yes, with 25 bar
Bore ∅ tolerance: ±0.003
Standard: Manufacturer's standard
Number of cutting edges Z: 2
Bore ∅ tolerance: ±0.003
recommended maximum drilling depth L_2: 30 mm
Overall length L: 74 mm
Shank ∅ D_s: 6 mm
Feed f in steel < 900 N/mm^2: 0.14 mm/rev.

Technical description

Shank tolerance	h6
Overall length L	74 mm

Shank ∅ D_s	6 mm
Flute length L_c	36 mm
Nominal ∅ D_C	4.03 mm
Standard	Manufacturer's standard
Feed f in steel < 900 N/mm²	0.14 mm/rev.
Number of cutting edges Z	2
recommended maximum drilling depth L_2	30 mm
Bore ∅ tolerance	±0.003
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	5×D
Point angle	140 °
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable	80 m/min	N
Alu > 10% Si	suitable	80 m/min	N
Steel < 500 N/mm²	suitable	65 m/min	P
Steel < 750 N/mm²	suitable	60 m/min	P
Steel < 900 N/mm²	suitable	55 m/min	P
Steel < 1100 N/mm²	suitable	35 m/min	P
GG(G)	suitable	60 m/min	K
wet maximum	suitable		
wet minimum	suitable		

Air	suitable

Services

Shank grinding Type HE	129100 HE
Shank grinding Type HB	129100 HB