

Garant
Solid carbide centre drills A, TiAlN, Ø DC k13: 1mm

Order data

Order number	121001 1
GTIN	4045197594570
Item class	11E

Description
Version:

Ground from solid carbide bar. Spiral fluted.
For materials up to **62 HRC**.

Technical description

Nominal Ø D _c	1 mm
Feed f in steel < 1100 N/mm ²	0.02 mm/rev.
Shank tolerance	h6
for workpiece Ø	6 – 8 mm
Number of cutting edges Z	2
Shank Ø D _s	3.15 mm
Overall length L	31.5 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 333
Type	A
Tolerance nominal Ø	k13
Countersink angle	60 degrees
Cutting direction	right-hand

Shank	Parallel shank to h6
Through-coolant	no
Colour ring	without
Type of product	Centre drill

User data

	Suitability	V_c	ISO code
Steel < 1100 N/mm ²	suitable	60 m/min	P
Steel < 1400 N/mm ²	suitable	40 m/min	P
Steel < 55 HRC	suitable	20 m/min	H
Steel < 60 HRC	suitable	15 m/min	H
Steel < 67 HRC	suitable only under restricted conditions	10 m/min	H
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		