

Garant**Centre drill A, uncoated, Nominal \varnothing DC k12: 4mm****Order data**

Order number	111000 4
GTIN	4045197000170
Item class	11A

Description**Version:**

Ground from solid and relief ground, spiral fluted.

Technical description

Shank tolerance	h7
Nominal \varnothing D _c	4 mm
Number of cutting edges Z	2
for workpiece \varnothing	40 – 63 mm
Feed f in steel < 900 N/mm ²	0.03 mm/rev.
Shank \varnothing D _s	10 mm
Overall length L	56 mm
Coating	uncoated
Tool material	HSS
Standard	DIN 333
Type	A
Tolerance nominal \varnothing	k12
Countersink angle	60 degrees
Cutting direction	right-hand
Shank	Parallel shank to h7

Through-coolant	no
Colour ring	without
Type of product	Centre drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	70 m/min	N
Aluminium (short chipping)	suitable	45 m/min	N
Steel < 500 N/mm ²	suitable	40 m/min	P
Steel < 750 N/mm ²	suitable	30 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
Steel < 1100 N/mm ²	suitable	10 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	8 m/min	P
CuZn	suitable	80 m/min	N
Oil	suitable		
wet maximum	suitable		