

**Garant****Centre drill HSS B, uncoated, Nominal  $\varnothing$  DC k12: 5mm****Order data**

Order number	111520 5
GTIN	4045197000941
Item class	11A

**Description****Version:**

Ground from solid and relief-ground.

**With additional centre protection** (120° countersink angle), spiral fluted.**Technical description**

Shank tolerance	h7
for workpiece $\varnothing$	63 – 100 mm
Number of cutting edges Z	2
Nominal $\varnothing$ D <sub>c</sub>	5 mm
Feed f in steel < 900 N/mm <sup>2</sup>	0.04 mm/rev.
Shank $\varnothing$ D <sub>s</sub>	18 mm
Overall length L	76 mm
Coating	uncoated
Tool material	HSS
Standard	DIN 333
Type	B
Tolerance nominal $\varnothing$	k12
Countersink angle	120 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 <sup>2</sup>	suitable	40 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	30 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	25 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	10 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	8 m/min	P
CuZn	suitable	80 m/min	N
Oil	suitable		
wet maximum	suitable		