

Garant
Centre drill HSS-E, long A, uncoated, Nominal \varnothing DC k12: 3 mm

Order data

Order number	111290 3
GTIN	4045197884589
Item class	11A

Description
Version:

Ground from solid and relief-ground.
 Spiral fluted, extra long shank, similar to DIN 333-A.
 Nominal \varnothing D_c: 3 mm
 for workpiece \varnothing : 20 – 40 mm
 Shank \varnothing D_s: 8 mm
 Overall length L: 80 mm
 Feed f in steel < 900 N/mm²: 0.03 mm/rev.

Technical description

Shank \varnothing D _s	8 mm
Shank tolerance	h7
for workpiece \varnothing	20 – 40 mm
Feed f in steel < 900 N/mm ²	0.03 mm/rev.
Number of cutting edges Z	2
Overall length L	80 mm
Nominal \varnothing D _c	3 mm
Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Type	A

Tolerance nominal \emptyset	k12
Countersink angle	60 degrees
Cutting direction	right-hand
Shank	Parallel shank to h7
Through-coolant	no
Colour ring	without
Type of product	convex