

**Garant**
**Centre drill HSS-E R with flat, TiAlN, Nominal  $\varnothing$  DC k12: 3,15 mm**

**Order data**

Order number	111455 3,15
GTIN	4045197853974
Item class	11A

**Description**
**Version:**

Ground from solid and relief ground, spiral fluted.  
 Features of centre drills with radius form R: See No. 111350.  
 Nominal  $\varnothing$  D<sub>C</sub>: 3.15 mm  
 for workpiece  $\varnothing$ : 30 – 40 mm  
 Shank  $\varnothing$  D<sub>s</sub>: 8 mm  
 s – 0.1: 6.95 mm  
 Overall length L: 50 mm  
 Feed f in steel < 900 N/mm<sup>2</sup>: 0.03 mm/rev.

**Technical description**

for workpiece $\varnothing$	30 – 40 mm
Shank $\varnothing$ D <sub>s</sub>	8 mm
Feed f in steel < 900 N/mm <sup>2</sup>	0.03 mm/rev.
s – 0.1	6.95 mm
Nominal $\varnothing$ D <sub>C</sub>	3.15 mm
Overall length L	50 mm
Shank tolerance	h7
Number of cutting edges Z	2
Coating	TiAlN
Tool material	HSS E

Standard	DIN 333
Type	R
Tolerance nominal $\varnothing$	k12
Countersink angle with radius	60 degrees
Cutting direction	right-hand
Shank	Parallel shank to h7
Through-coolant	no
Colour ring	without
Type of product	convex