

Garant
**DIN counterbore for through holes, uncoated, Counterbore \varnothing D1 x pin \varnothing D2:
15X9 mm**

Order data

Order number	156020 15X9
GTIN	4045197087768
Item class	11M

Description
Version:

Spiral fluted counterbore. The pilot \varnothing matches the intended purpose:

f – for through holes **fine** quality to DIN ISO 273.

m for through holes **medium** quality to DIN ISO 273.

Application:

For counterboring socket head screws DIN 912, 6912, 7984, and cheese head screws ISO 1207 (DIN 84).

Shank: Parallel shank to h9

Number of cutting edges Z: 3

for screw size: M8

for quality of the hole: m

Overall length L: 100 mm

Shank \varnothing D_s: 12.5 mm

Feed f in steel < 500 N/mm²: 0.12 mm/rev.

Technical description

for screw size	M8
for quality of the hole	m
Number of cutting edges Z	3
Pre-drill \varnothing	9 mm
Counterbore \varnothing	15 mm
Feed f in steel < 500 N/mm ²	0.12 mm/rev.

Pin Ø	9 mm
Shank Ø D _s	12.5 mm
Overall length L	100 mm
Step height L ₁ 1st step with chamfer	22 mm
Point angle	180 degrees
Coating	uncoated
Tool material	HSS
Standard	DIN 373
Shank	Parallel shank to h9
Through-coolant	no
Type of product	Counterbore