

**Garant**
**DIN counterbore for through holes, uncoated, Counterbore  $\varnothing$  D1 x pin  $\varnothing$  D2: 8X4,5 mm**

**Order data**

Order number	156020 8X4,5
GTIN	4045197087706
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: M4

for quality of the hole: m

Overall length L: 71 mm

Shank  $\varnothing$  D<sub>s</sub>: 5 mm

Feed f in steel < 500 N/mm<sup>2</sup>: 0.09 mm/rev.

**Technical description**

for screw size	M4
Pre-drill $\varnothing$	4.5 mm
for quality of the hole	m
Number of cutting edges Z	3
Counterbore $\varnothing$	8 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.09 mm/rev.

Pin Ø	4,5 mm
Shank Ø D <sub>s</sub>	5 mm
Overall length L	71 mm
Step height L <sub>1</sub> 1st step with chamfer	14 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