

Garant**DIN counterbore for through holes, uncoated, Counterbore Ø D1 x pin Ø D2:
24X15mm****Order data**

Order number	156120 24X15
GTIN	4045197087850
Item class	11M

Description**Version:**

Spiral fluted counterbore. The pilot Ø 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).

Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

Technical description

for quality of the hole	f
Counterbore Ø	24 mm
for screw size	M14
Pre-drill Ø	15 mm
Number of cutting edges Z	3
Feed f in steel < 500 N/mm ²	0.16 mm/rev.
Pin Ø	15 mm
Overall length L	162 mm
Morse taper MT	2

Step height L ₁ 1st step with chamfer	30 mm
Point angle	180 degrees
Coating	uncoated
Tool material	HSS
Standard	Manufacturer's standard
Shank	Morse taper
Through-coolant	no
Type of product	Counterbore

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable	33 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	27 m/min	P
wet maximum	suitable		