

**Garant**

**Mini counterbore for through holes 90°, uncoated, Counterbore Ø D1 x pin Ø D2: 11,5X6,4 mm**


**Order data**

Order number	155600 11,5X6,4
GTIN	4045197462824
Item class	11M

**Description**
**Version:**

Spiral fluted counterbore with fixed pilot.  
DIN 1866-A / ISO 4205.

**Application:**

**For through hole** quality **fine** (ISO values) to DIN 69.

For countersunk screws to ISO 2009, 2010, 7046, 7047 (DIN 963, 964, 965, 966).

**Note:**

Size 4.6 × 2.4 is not defined in DIN.

Countersink angle: 90 degrees

Number of cutting edges Z: 3

for screw size: M6

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 11.5 mm

Feed f in steel < 500 N/mm<sup>2</sup>: 0.12 mm/rev.

**Technical description**

for screw size	M6
Feed f in steel < 500 N/mm <sup>2</sup>	0.12 mm/rev.
Number of cutting edges Z	3
Pre-drill Ø	6.4 mm
Pin Ø	6,4 mm
Counterbore Ø	11.5 mm

Shank $\varnothing D_s$	11.5 mm
Overall length L	80 mm
Step height $L_1$ 1st step with chamfer	6.5 mm
Point angle	90 degrees
Cutter length $l_c$	18 mm
Coating	uncoated
Tool material	HSS E
Standard	DIN 1866 A
Shank	Plain shank
Countersink angle	90 degrees
Through-coolant	no
Type of product	Counterbore