

## Garant

### DIN counterbore for through holes, uncoated, Counterbore $\varnothing$ D1 x pin $\varnothing$ D2: 11X6,6mm



#### Order data

Order number	156020 11X6,6
GTIN	4045197087744
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).

#### Technical description

Counterbore $\varnothing$	11 mm
Pin $\varnothing$	6,6 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.12 mm/rev.
for screw size	M6
Number of cutting edges Z	3
Pre-drill $\varnothing$	6.6 mm
for quality of the hole	m
Shank $\varnothing$ D <sub>s</sub>	8 mm
Overall length L	80 mm
Step height L <sub>1</sub> 1st step with chamfer	18 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

### User data

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