

**Garant**
**High-precision countersink, long 90°, uncoated, External Ø Dc: 6,3mm**

**Order data**

Order number	150371 6,3
GTIN	4045197086099
Item class	11M

**Description**
**Version:**

**All countersinks have 3 cutting edges**, radially relief ground. Flutes ground from solid. High-precision countersink, produced to tight manufacturing tolerances similar to DIN 335-C **with long plain shank.**

**Technical description**

for countersunk screws DIN 7991	M3
Pre-drill Ø	1.5 mm
External Ø	6.3 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.09 mm/rev.
Shank tolerance	h9
smallest countersink Ø for holes from	1.5 mm
Shank Ø D <sub>s</sub>	5 mm
Overall length L	104 mm
Number of cutting edges Z	3
Coating	uncoated
Countersink tip angle	90 degrees
Tool material	HSS
Standard	Manufacturer's standard

Shank	Plain shank with h9
Through-coolant	no
Colour ring	without
Type of product	Stepped drill and countersink

### User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable	70 m/min	N
Aluminium (short chipping)	suitable	33 m/min	N
Alu > 10% Si	suitable only under restricted conditions	20 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
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	27 m/min	P
wet maximum	suitable		
dry	suitable only under restricted conditions		