

Garant**High-precision countersink, long 90°, uncoated, External Ø Dc: 12,4mm**

Order data

Order number	150371 12,4
GTIN	4045197086129
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

Pre-drill Ø	2.8 mm
smallest countersink Ø for holes from	2.8 mm
Feed f in steel < 500 N/mm ²	0.12 mm/rev.
for countersunk screws DIN 7991	M6
External Ø	12.4 mm
Shank tolerance	h9
Shank Ø D _s	8 mm
Overall length L	108 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 ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	27 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	27 m/min	P
wet maximum	suitable		
dry	suitable only under restricted conditions		