

**Garant**
**Countersink HSS 120°, uncoated, External Ø DC: 8mm**

**Order data**

Order number	150020 8
GTIN	4045197364678
Item class	11M

**Description**
**Version:**

Flutes ground from solid. Also suitable for steels < 900 N/mm<sup>2</sup>.  
Flutes ground from solid.

**Technical description**

smallest countersink Ø for holes from	2 mm
Shank tolerance	h9
External Ø	8 mm
Feed f in steel < 500 N/mm <sup>2</sup>	0.09 mm/rev.
Shank Ø D <sub>s</sub>	6 mm
Overall length L	49 mm
Number of cutting edges Z	3
Coating	uncoated
Countersink tip angle	120 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 <sub>c</sub>	ISO code
Alu plastics	suitable	70 m/min	N
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
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	27 m/min	P
wet minimum	suitable		
dry	suitable only under restricted conditions		