

HSCo 90° green-ring countersink DIN 335C

Particularly suitable for processing stainless steel, alloyed or high-alloy and rust- and acid-resistant steels.

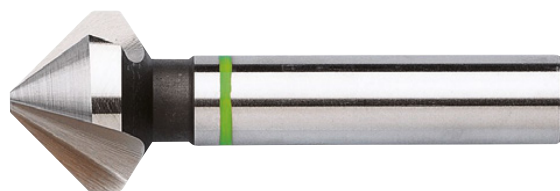
Burr- and chatter-free countersinking and deburring

Precision conical countersink with 3 cutting edges, precision-ground

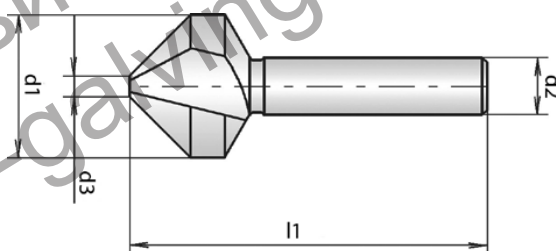
Optimised spiral flute geometry

Excellent chip formation and removal

Sustainable product packaging made of 100% PCR (recycled plastic from household waste), 100% recyclable and Cradle to Cradle Certified® Bronze



Material to be processed	Steel, Cast metal, Stainless steel, Titanium, Special alloy
Quality	ZEBRA-Premium
Number of cutting edges (Z)	3 PCS
Standards	DIN 335
Form	C
Cutting material	HSCo
Countersink angle	90 Degree
Surface	Uncoated
Shank style	Cylindrical
Service life	●●○○
Countersinking speed (point system)	●●○○
Countersinking quality (point system)	●●○○
Versatility	●●○○
Countersinking behaviour (point system)	●●○○
Material of sub-group	General structural steels, Non-alloyed tempering steels, Alloyed tempering steels, Nitriding steels, Tool steels, High-speed steels, Cast iron, Ductile iron, Malleable cast iron, White cast iron, Stainless steels, sulphurated, Stainless steels, austenitic, Stainless steels, martensitic, Titanium, Titanium alloys, Special alloys, Spring steels
Color Coding System	■ Steel ■ Stainless steel



Spot-facer diameter (d1)	Shaft diameter (d2)	Tip diameter (d3)	Length (l1)	Art. no.	P. Qty.
6.3 mm	5 mm	1.5 mm	45 mm	0694 019 06	1
8.3 mm	6 mm	2 mm	50 mm	0694 019 08	1
10.4 mm	6 mm	2.5 mm	50 mm	0694 019 10	1
12.4 mm	8 mm	2.8 mm	56 mm	0694 019 12	1

Spot-facer diameter (d1)	Shaft diameter (d2)	Tip diameter (d3)	Length (l1)	Art. no.	P. Qty.
16.5 mm	10 mm	3.2 mm	60 mm	0694 019 16	1
20.5 mm	10 mm	3.5 mm	63 mm	0694 019 20	1
25 mm	10 mm	3.8 mm	67 mm	0694 019 25	1
31 mm	12 mm	4.2 mm	71 mm	0694 019 31	1

Assignment of conical countersink to screw standards

Conical countersink nominal diameter d1	For countersunk head screws	For countersunk head screws
	DIN EN ISO 10642 (formerly DIN 7991)	DIN EN ISO 2009, 2010, 7046, 7047 (formerly DIN 963,964,965,966)
6.3 mm	M3	M3
8.3 mm	M4	-
10.4 mm	M5	M4, M5
12.4 mm	M6	M6
16.5 mm	M8	M8
20.5 mm	-	M10
25.0 mm	M10, M12	M12
31.0 mm	M16	-

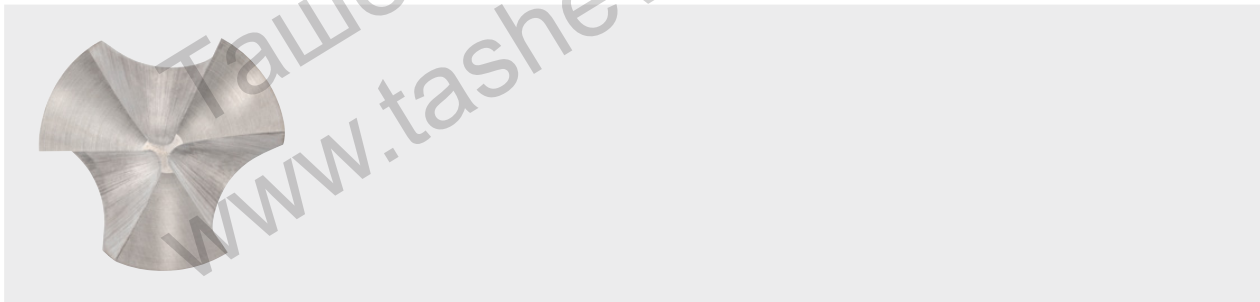
Legend

v_c = cutting speed [m/min]

f = feed (mm/r)

The suggested cutting values are reference values and must be adapted to the respective conditions.

Details/Application



Related products

CUT+COOL drilling and cutting oil 400 ml

Art. no.

0893 050 004