



BOLOGNA 1929

**Brunetti**  
utensileria

# HSS countersinks

Countersink according to DIN 335, form C



– EN –



ZCC Cutting Tools Europe GmbH

your Partner | your Value

# HSS countersinks

## Countersink according to DIN 335, form C

### YOUR BENEFITS

- **Low-vibration cutting conditions** thanks to spiralized cutting edge
- Significant **reduction in feed forces** thanks to soft cutting and the resulting **perfectly round countersinks** without chatter marks
- Universally applicable in different materials
- **Secure tension** thanks to the three-faced shank
- Optimal price-performance ratio

### Technical information

- Spiralized countersink DIN 335 (90°) form C
- Countersink angle: 60°, 90°
- Three-faced shank
- Coated HSS **HG11** and coated HSS-E **HG21**

### Ordering Information

- Common sizes from Ø6.3–20.5 mm in the range
- Available in a set of 6 or individually
- Ø6.3–20.5 mm available from stock | Ø25, 31, 40 mm on request

KIT HG11 € 132

KIT HG21 € 165

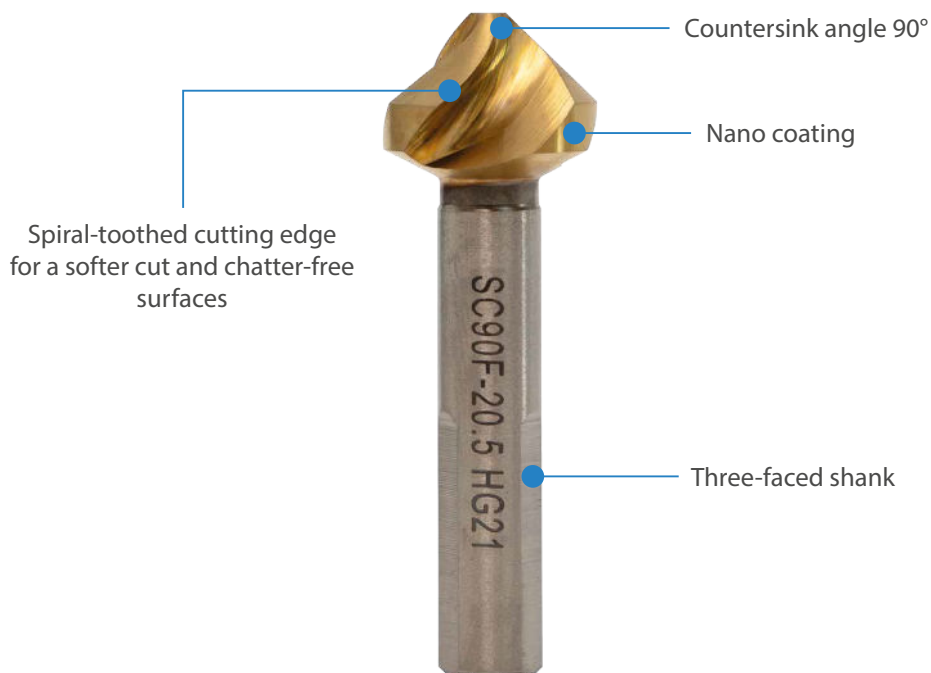


Fig.: SC90F-20.5 HG21

**SC**

**90**

**F**

**SET-6**

**HG21**

1

2

3

4

5

Type	
Code	Description
SC	Spiralized countersink

1

Form	
Code	Description
90	DIN 335
60	DIN 334

2

Shank type	
Code	Description
Z	Cylindrical shank form C
F	Surface shank form C

3

Diametre [mm]	
Code	Description
20.5	20,5
6.3	6,3
12.4	12,4
SET-6	Set of 6 pieces

4

Grade	
Code	Description
HG11	HSS coated
HG21	HSS-E coated

5

**KIT HG11 € 132**

**KIT HG21 € 165**

**A**

Turning

**B**

Milling

**C**

Drilling

**D**

Technical Information

**E**

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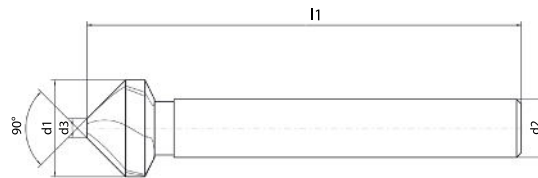
# HSS countersinks

HSS countersinks

DIN 335, form C

SC90F\*\*

- Shank type: DIN 335, form C with 3 surfaces
- Countersink angle 90°
- Unequal pitch



Article	Dimensions [mm]				Grade	
	d1	d2	d3	l1	HG11	HG21
SC90F-6.3	6,3	5	1,5	45	●	●
SC90F-8.3	8,3	6	2	50	●	●
SC90F-10.4	10,4	6	2,5	50	●	●
SC90F-12.4	12,4	8	2,8	56	●	●
SC90F-16.5	16,5	10	3,2	60	●	●
SC90F-20.5	20,5	10	3,5	63	●	●
SC90F-SET-6	-	-	-	-	●	●
SC90F-25	25	10	3,8	67	○	○
SC90F-31	31	12	4,2	71	○	○
SC90F-40	40	12	10	75	○	○

● Ex stock ○ On demand

\* With internal cooling

### Application field

P	M	K	N	S	H
✓	✓	✓	✓	✓	

✓ Very suitable

✓ Suitable

A

Turning

B

Milling

C

Drilling

D

Technical Information

E

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