

**90° conical countersink, HSS, triple cutter, extra-long**  
for universal use up to 1000 N/mm<sup>2</sup>



**Application**

For producing deep-set 90° counterbores up to 1000 N/mm<sup>2</sup>.

**Version**

- profile-ground extra-long triple-edge countersink

**Advantage**

- radial relief ensures optimum chip breaking
- deep-set countersinks are made easy for the user

Application	Steel (N/mm <sup>2</sup> )			Stainless steel		Alu		Brass		Bronze		Plas-tics	Graphite G(C)FK	GG(G) GJMW	Titan-alloy	Nickel-alloy	Super-alloy	Hard mat.	
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long							<55 HRC	<65 HRC
	30	20	10	10		40	70	60	50	40	30	30		15					

<b>Art. No.</b>	<b>11501 330</b>
<b>Countersink angle</b>	90 Degree
<b>Cutting material</b>	HSS
<b>Number of cutting edges</b>	3 PCS
<b>Surface</b>	Uncoated
<b>Tool holding device</b>	HA parallel shank
<b>Spot-facer diameter</b>	12.4 mm
<b>Tip diameter</b>	2.8 mm
<b>Length</b>	108 mm
<b>Shaft diameter</b>	8 mm
<b>f steel 700</b>	0.13 mm/U

**EAN-Code**

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