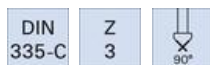


FORMAT Taper and deburring countersink tool, HSS, 90° ASPtype 1448



Design: HSS-E PM, ASP2030®, DIN 335-C. 90° countersink angle. Axial and radial taper-ground and CBN deep-ground, bright. With straight, u-shaped clamping slots and drilling spaces ground from full pieces. Also provided with cutting and clearance angles for the most common materials.

Application: Particularly suitable for the highest loads in INOX steel, stainless steel and Hardox. Suitable for universal chatter and burr-free drilling, countersinking and deburring work for countersunk screws DIN 963, DIN 964, DIN 965, DIN 966 and DIN 7991 in one step. Please note the large countersink range! The excellent cutting properties and easy machining process result from the cone-shaped back taper on the coat and angle of rake. The countersink achieves the best results with the strongest feed and lowest cutting speed.

Note: Sufficient supply of coolant is essential. HSS-E PM has, in comparison to conventional HSS steels, a consistent, fine grained material structure. This means they have good hot hardness, pressure resistance and resistance to wear.

Characteristics

Cutting direction: Right

DIN standard: 335-C

Type: Countersinking cutter

Point angle: 90 °

Diameter mm	Total length mm	Holding system	Material	Article
6.3	45	Cylindrical	HSS-co	23410674
8.3	50	Cylindrical	HSS-co	23410675
10.4	50	Cylindrical	HSS-co	23410676
12.4	56	Cylindrical	HSS-co	23410677
16.5	60	Cylindrical	HSS-co	23410678
20.5	63	Cylindrical	HSS-co	23410679
25	67	Cylindrical	HSS-co	23410680
31	71		HSS-E-PM	12594303
				12738616

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