

FORMAT Taper and deburring countersink tool, HSS, TiN, 90° with taper shanktype 1453



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

Application: 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 for uncoated designs.

Characteristics

Cutting direction: Right

DIN standard: 335-D

Type: Countersinking cutter

Coating: TiN

Point angle: 90 °

Diameter mm	Total length mm	Holding system	Material	Article
16.5			HSS	W90A-14531650
20.5			HSS	W90A-14532050
25	106	Morseconus 2	HSS	W90A-14532500
30			HSS	W90A-14533000
31	112	Morseconus 2	HSS	W90A-14533100
34			HSS	W90A-14533400
37	118	Morseconus 2	HSS	W90A-14533700
40	140	Morseconus 3	HSS	W90A-14534000
50	150	Morseconus 3	HSS	W90A-14535000
63	180	Morseconus 4	HSS	W90A-14536300
80	190	Morseconus 4	HSS	W90A-14538000

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