Garant

Precision countersinks with unequal spacing 90°, TiAlN, External Ø Dc: 12,4 mm



Order data

Order number	150130 12,4
GTIN	4045197741851
Item class	11M

Description

Version:

All countersinks have 3 cutting edges. Special geometry with extremely unequal spacing and matching cutting edge preparation. Radially relief ground. Flutes ground from solid. Newly developed **special TiAIN coating** for long service life.

High-precision countersink, produced with tight manufacturing tolerances similar to DIN 335-C. **Advantage:**

Very smooth cutting throughout the entire countersinking operation. Chatter-free running for perfect results and **optimum tool service life.**

Application:

High-precision countersinks for production of exactly round 90° countersunk surfaces. Through-coolant: no Number of cutting edges Z: 3 Number of cutting edges Z: 3 smallest countersink Ø for holes from: 2.8 mm Overall length L: 56 mm Shank Ø D_s: 8 mm for countersunk screws DIN 7991: M6 Feed f in steel < 500 N/mm²: 0.13 mm/rev.

Technical description

smallest countersink Ø for holes from	2.8 mm
Shank tolerance	h9

© Hoffmann GmbH Qualitätswerkzeuge 2

External Ø12.4 mmShank Ø D,8 mmOverall length L56 mmNumber of cutting edges Z3CoatingTiAlNCountersink tip angle90 degreesTool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Feed f in steel < 500 N/mm ²	0.13 mm/rev.
Shank Ø D,8 mmOverall length L56 mmNumber of cutting edges Z3CoatingTiAINCountersink tip angle90 degreesTool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	for countersunk screws DIN 7991	M6
Overall length L56 mmNumber of cutting edges Z3CoatingTiAINCountersink tip angle90 degreesTool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	External Ø	12.4 mm
Number of cutting edges Z3CoatingTiAINCountersink tip angle90 degreesTool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Shank Ø D _s	8 mm
CoatingTiAINCountersink tip angle90 degreesTool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Overall length L	56 mm
Countersink tip angle90 degreesTool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Number of cutting edges Z	3
Tool materialHSSSpacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Coating	TiAIN
Spacing of the countersink cutting edgesunequal spacingStandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Countersink tip angle	90 degrees
StandardDIN 335 CShankPlain shank with h9Through-coolantnoColour ringgreen	Tool material	HSS
ShankPlain shank with h9Through-coolantnoColour ringgreen	Spacing of the countersink cutting edges	unequal spacing
Through-coolantnoColour ringgreen	Standard	DIN 335 C
Colour ring green	Shank	Plain shank with h9
	Through-coolant	no
Type of product Stepped drill and countersink	Colour ring	green
	Type of product	Stepped drill and countersink