

Garant
Straight shank taper pin drill, uncoated, Ø DC: 12mm

Order data

Order number	116310 12
GTIN	4045197029393
Item class	11B

Description
Version:

Conically increasing cutting edges with chip breaker flutes on the circumference. Special surface treatment.

Advantage:

Conical holes 1:50 for taper pins to ISO 2339 (DIN 1) and ISO 8736 (DIN 7978) can be drilled in a single operation.

Note:

Ø1.5; 2; 2.5 available with plain shank on request.

Ø14;16; 20; 25 available with MT shank on request.

For finishing use taper pin reamers No. 161200.

Technical description

Nominal Ø D _c	12 mm
largest Ø D ₂	16.37 mm
Number of cutting edges Z	2
Taper lead length L ₁	10 mm
Feed f in steel < 750 N/mm ²	0.07 mm/rev.
Shank Ø D _s	16 mm
Overall length L	290 mm
L ₂	210 mm
smallest Ø D ₁	11.8 mm
Standard	DIN 1898 A

Point angle	118 degrees
Coating	uncoated
Tool material	HSS
Taper ratio	1:50
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	24 m/min	P
Steel < 750 N/mm ²	suitable	20 m/min	P
Oil	suitable		
wet maximum	suitable		