

Garant
Straight shank taper pin drill, uncoated, Ø DC: 3 mm

Order data

Order number	1163103
GTIN	4045197029331
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.

Through-coolant: no

Standard: DIN 1898 A

Point angle: 118 degrees

Number of cutting edges Z: 2

smallest Ø D₁: 2.9 mm

largest Ø D₂: 4.24 mm

Taper lead length L₁: 5 mm

L₂: 58 mm

Overall length L: 100 mm

Shank Ø D_s: 4 mm

Technical description

Feed f in steel < 750 N/mm ²	0.05 mm/rev.
Taper lead length L ₁	5 mm
Number of cutting edges Z	2

largest $\varnothing D_2$	4.24 mm
Nominal $\varnothing D_c$	3 mm
Shank $\varnothing D_s$	4 mm
Overall length L	100 mm
L_2	58 mm
smallest $\varnothing D_1$	2.9 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