



Machine taper pin reamer, uncoated, Nominal \varnothing DC: 12mm



Order data

Order number	161600 12
GTIN	4045197089090
Item class	120

Description

Version:

With 45° **left hand helix**, evacuates swarf in cutting direction.

Application:

On machines for tapered through holes. The peeling twist requires removal of a thick chip (pre-drilled hole must not be too large). For taper pins to ISO 2339, 8736, 8737 (DIN 1, 7977, 7978), DIN 258 and 1447.

Recommendation:

The pre-drilled hole is best produced using a straight shank taper pin drill No. 116310.

Technical description

Feed f in steel < 500 N/mm ²	0.15 mm/rev.
Nominal \varnothing D_c	12 mm
large \varnothing D_2	16 mm
small \varnothing D_3	11.8 mm
Overall length L	290 mm
Flute length L_c	210 mm
Shank \varnothing D_s	16 mm
Coating	uncoated
Tool material	HSS E
Standard	DIN 2179
Helix angle	45 degrees

Taper ratio	1:50
Through-coolant	no
Shank	Parallel shank to h9
Colour ring	without
Type of product	Phillips bit

User data

	Suitability	V_c	ISO code
Aluminium	suitable	20 m/min	N
Aluminium (short chipping)	suitable	20 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	10 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	7 m/min	P
Oil	suitable		
wet maximum	suitable		