



## Bridge reamer, uncoated, Nominal $\varnothing$ DC k11: 21mm



### Order data

Order number	162800 21
GTIN	4045197089359
Item class	120

### Description

#### Version:

Tapering flute form with a length of approx.  $3 \times$  nominal  $\varnothing$ . Very sturdy due to strong core and radius heel of flutes. Easy, peeling cut by spiral flutes; number of flutes varies according to the size.

#### Application:

Particularly useful for the installation of components; for reaming offset holes or enlarging rivet holes. Bridge reamers are used on pneumatic hand-held drills in boiler construction.

#### Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

### Technical description

Feed $f$ in steel $< 500 \text{ N/mm}^2$	0.25 mm/rev.
Nominal $\varnothing D_c$	21 mm
Minor $\varnothing$	14.8 mm
Overhang $L_1$	172 mm
Morse taper MT size	3
Overall length $L$	271 mm
Flute length $L_c$	155 mm
Number of cutting edges $Z$	4
Tolerance nominal $\varnothing$	k11
Coating	uncoated

Tool material	HSS
Standard	DIN 311
Helix angle	25 degrees
Through-coolant	no
Shank	Morse taper
Application for type of drilling	for through holes
Colour ring	without
Type of product	Phillips bit

### User data

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