



Bridge reamer, uncoated, Nominal \varnothing DC k11: 31mm



Order data

Order number	162800 31
GTIN	4062406065126
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

Number of cutting edges Z	5
Overhang L_1	227 mm
Overall length L	326 mm
Flute length L_c	210 mm
Morse taper MT size	3
Minor \varnothing	22.6 mm
Nominal $\varnothing D_c$	31 mm
Feed f in steel $< 500 \text{ N/mm}^2$	0.3 mm/rev.
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 _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		