

HSS jobber drill N, uncoated, Ø DC h8: 48mm



Order data

Order number	116340 48		
GTIN	4045197031075		
Item class	11C		

Description

Version:

Special surface treatment, resulting in reduced tendency to edge build-up **and improved chip evacuation.**

Top quality high performance twist drills.

Cutting edge section \leq 26.5 mm \varnothing ground from solid, > 26.5 mm \varnothing milled. This ensures high concentricity and pitch accuracy, and precision ground point up to 40 mm \varnothing . With shape A point.

Recommendation:

Maximum drilling depth:

 $L_2 = L_C - 1.5 \times D_C$.

Note:

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

Technical description

Feed f in steel < 750 N/mm ²	0.32 mm/rev.	
Nominal Ø D _c	48 mm	
Flute length L _c	220 mm	
Number of cutting edges Z	2	
Tolerance nominal Ø	h8	
Overall length L	369 mm	
Morse taper MT size	4	
Standard	DIN 345	

recommended maximum drilling depth L_2	148 mm		
Point angle	118 degrees		
Shank	Morse taper		
Coating	uncoated		
Tool material	HSS		
Туре	N		
Helix angle	20-30 degrees		
Through-coolant	no		
Colour ring	without		
Type of product	Jobber drill		

User data

	Suitability	\mathbf{V}_{c}	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	45 m/min	N
Steel < 500 N/mm ²	suitable	40 m/min	Р
Steel < 750 N/mm ²	suitable	30 m/min	Р
Steel < 900 N/mm ²	suitable	25 m/min	Р
GG(G)	suitable	25 m/min	K
Oil	suitable		
wet maximum	suitable		