

Garant**Slot drills HSS-Co8, uncoated, Ø e8 DC: 18mm****Order data**

Order number	191280 18
GTIN	4045197101600
Item class	11W

Description**Version:**

Centre cutting teeth for plunging.

Eccentric relief ground.**Note:****Suitable for use as a slot drill** (tolerance e8) **or an end mill.****50 % higher metal removal rate** than 2 flute slot drills.**Larger flutes** than multi-flute end mills (good for soft material). For milling keyways.**Technical description**

Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.033 mm
No. of teeth Z	3
Cutting edge Ø D_c	18 mm
Shank Ø D_s	16 mm
Overall length L	123 mm
Flute length L_c	63 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal Ø	e8
Helix angle	30 degrees
Corner chamfer angle	90 degrees
Coating	uncoated

Tool material	HSS Co 8
Standard	DIN 844 B
Type	N
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	83 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	25 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	23 m/min	P
GG(G)	suitable only under restricted conditions	23 m/min	K
CuZn	suitable only under restricted conditions	55 m/min	N
Uni	suitable		
wet maximum	suitable		