

**Garant**
**Slot drill, uncoated, Ø e8 DC: 18mm**

**Order data**

Order number	191100 18
GTIN	4045197100559
Item class	11W

**Description**
**Version:**

Centre cutting edge geometry for plunging. Wide, fine ground chip flutes. Exceptionally fine component surface finish - due to precisely ground cutting edges. For slots or for milling pockets from the component centre.

**Note:**

**Note!** Only for use in climb milling.

**Technical description**

Feed $f_z$ for slot milling in short-chipping aluminium	0.046 mm
Number of effective teeth Z (peripheral side)	2
Cutting edge $\varnothing D_c$	18 mm
Shank $\varnothing D_s$	16 mm
Flute length $L_c$	32 mm
Overall length L	92 mm
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Type	W
Tolerance nominal $\varnothing$	e8
Helix angle	42 degrees

Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Through-coolant	no
Shank tolerance	h6
Corner chamfer angle	90 degrees
Colour ring	yellow
Type of product	Milling cutter

### User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable	150 m/min	N
Alu > 10% Si	suitable only under restricted conditions	37 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	28 m/min	P
wet maximum	suitable		
wet minimum	suitable		