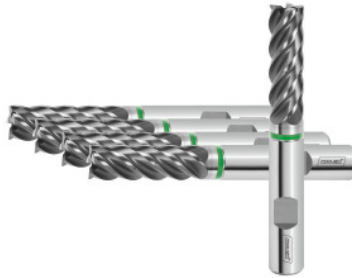


**HOLEX**
**Solid carbide milling cutter with more chip separators TPC, TiAlN, Ø f8 DC: 20mm**

**Order data**

Order number	GG3095 20
GTIN	4062406333980
Item class	GGN

**Description**
**Version:**

**High-performance milling cutter** specially designed for general-purpose TPC applications. Strengthened core.

**Optimised bending strength** due to the use of ultra-fine grain substrates.

**Chip separator for controlled chip breaking.**

**Same as No. 203095.**

**Note:**

$h_{max}$ : The values stated in the table are maximum values.

$a_{e,max} = 0.07 \times D$  for TPC machining.

**Technical description**

Shank	DIN 6535 HB to h6
Corner chamfer angle	45 degrees
Helix angle	40 degrees
Average chip thickness $h_{max}$ for TPC milling in Toolox 44 HRC	0.097 mm

Overall length L	126 mm
Recess $\varnothing D_1$	19.8 mm
Overhang length $L_1$ incl. recess	70 mm
Corner chamfer width at 45°	0.4 mm
Balance quality with shank	G 2.5 with HB
Direction of infeed	horizontal and oblique
Cutting edge $\varnothing D_c$	20 mm
No. of teeth Z	5
Tolerance nominal $\varnothing$	f8
Flute length $L_c$	60 mm
Shank $\varnothing D_s$	20 mm
Contents	5
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	$0.07 \times D$
Through-coolant	no
Machining strategy	TPC
Colour ring	green
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	380 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	340 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	300 m/min	P

Steel < 1100 N/mm <sup>2</sup>	suitable	230 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	150 m/min	P
TOOLOX 33	suitable	60 m/min	H
TOOLOX 44	suitable	40 m/min	H
HARDOX 500 < 1600 N/mm <sup>2</sup>	suitable	25 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	220 m/min	M
INOX > 900 N/mm <sup>2</sup>	Suitable only under restricted conditions	150 m/min	M
Uni	suitable		
wet maximum	suitable		
dry	Suitable only under restricted conditions		
Air	suitable		

## Accessories

Solid carbide milling cutter with chip separators TPC Ø f8  
DC 20 mm

203095 20