

## Garant

**Plunge milling cutter 93°, with threaded shank, Ø D / number of teeth Z: 20/2 mm**



### Order data

Order number	211852 20/2
GTIN	4045197648570
Item class	210

### Description

#### Version:

Greater tool stiffness by elimination of twist between indexable insert and insert seat.  
Can be extended as required using the threaded connection.

#### Application:

To prevent chips jamming, especially when milling deep pockets.

#### Note:

Use GARANT torque screwdriver TQ No. **211750 size 0.9** with bit No. **674252 size 7IP**.

Tool exchange: PowerCard

Ø D<sub>3</sub>: 18 mm

Ø D<sub>1</sub> h6: 10.5 mm

Ø D<sub>2</sub>: 17.7 mm

Overall length L<sub>tot</sub>: 35 mm

Mounting thread M: M10

Circular interpolation milling Ø D<sub>min</sub>: 38 mm

### Technical description

Pack of insert screws	219801 (7IP; 0.9 Nm)
Ø D <sub>1</sub> h6	10.5 mm
Ø D <sub>2</sub>	17.7 mm
Cutting edge Ø D <sub>c</sub>	20 mm

suitable indexable insert	VDGT 11T2..
Overall length $L_{tot}$	35 mm
Mounting thread M	M10
Number of cutting edges Z	2
Circular interpolation milling $\varnothing D_{max}$	38 mm
Circular interpolation milling $a_p$	3.5 mm
Ramping length L for $\alpha_{max}$	15.94 mm
Circular interpolation milling $\varnothing D_{min}$	38 mm
Ramping angle $\alpha_{max}$	8 degrees
$\varnothing D_3$	18 mm
Shank type	with threaded shank
Setting angle $\kappa$	93 degrees
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Indexable insert cutter

## Accessories

Torque screwdriver, fixed setting set torque 0,9 Nm	211750 0,9
Set of insert screws 10-piece	219801
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 7IP	674252 7IP