

**Garant**
**Plunge milling cutter 90°, Weldon shank, Ø D / number of teeth Z: 20/2 mm**


## Order data

Order number	211847 20/2
GTIN	4045197502131
Item class	210

## Description

### Version:

Greater tool stiffness by elimination of twist between indexable insert and insert seat.

### Note:

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

Tool exchange: PowerCard

Overhang  $L_1$ : 35 mm

Overall length  $L_{tot}$ : 85 mm

Shank  $\varnothing D_s$  h6: 20 mm

Circular interpolation milling  $\varnothing D_{min}$ : 38 mm

Circular interpolation milling  $\varnothing D_{max}$ : 38 mm

Circular interpolation milling  $a_p$ : 3.5 mm

## Technical description

suitable indexable insert	VDGT 11T2..
Overall length $L_{tot}$	85 mm
Overhang $L_1$	35 mm
Shank $\varnothing D_s$ h6	20 mm
Cutting edge $\varnothing D_c$	20 mm
Pack of insert screws	219801 (7IP; 0.9 Nm)
Number of cutting edges Z	2
Circular interpolation milling $\varnothing D_{max}$	38 mm

Circular interpolation milling $\varnothing D_{\min}$	38 mm
Circular interpolation milling $a_p$	3.5 mm
Ramping angle $\alpha_{\max}$	6.5 degrees
Ramping length L for $\alpha_{\max}$	16.24 mm
Shank type	Weldon shank
Setting angle $\kappa$	90 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
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 7IP	674252 7IP
Set of insert screws 10-piece	219801