

**Garant**

**GARANT Power Q high feed rate indexable milling cutter, with bore,  $\varnothing$  D / number of effective cutting edges Z: 80/6mm**


**Order data**

Order number	212817 80/6
GTIN	4045197939401
Item class	210

**Description**
**Spare part:**

Pack of insert screws No. 219812 (15IP; 5.0Nm).

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 5.0** with bit No. **674252 size 15IP**.

**Technical description**

Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	144 mm
Mounting bore $\varnothing$	32 mm
Cutting edge $\varnothing D_c$	80 mm
Ramping length L for $\alpha_{\max}$	60.34 mm
Ramping angle $\alpha_{\max}$	0.76 degrees
suitable indexable insert	XDM.120516

Overall length $L_{tot}$	50 mm
$\varnothing D_3$	64 mm
Number of cutting edges Z	6
Circular interpolation milling $a_p$	1.5 mm
Circular interpolation milling $\varnothing D_{max}$	158 mm
Series	Power Q
Setting angle $\kappa$	11 degrees
Fz Helix	0.8
Shank type	with bore
Milling application	Circular milling
Milling application	Ramping
Milling application	Plunging
Machining strategy	HPC
Tool exchange	PowerCard
Type of product	Copy mill

## Accessories

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP
Torque screwdriver, fixed setting set torque 5,0 N·m	211750 5,0