

Garant

Shoulder mill 90°, with bore, Ø D / number of teeth Z: 63/9mm


Order data

Order number	215850 63/9
GTIN	4045197221858
Item class	210

Description
Version:

With bore for screw fixing.

Application:

Universal application in all materials.

· **Angle and slot milling, milling pockets, circular milling, bore milling, peripheral milling.**

Note:

Use GARANT torque screwdriver TQ No. **211750 size 1.2** with bit No. **674252 size 8IP**.

· **Change the insert screws after longer use of the indexable inserts. Ensure the insert screws are well greased before use (e.g. with copper paste).**

Technical description

Overall length L_{tot}	40 mm
suitable indexable insert	AP.. 1003..
Cutting edge $\varnothing D_c$	63 mm
Pack of insert screws	219814 (8IP; 1.2 Nm)

Mounting bore \varnothing	22 mm
Number of cutting edges Z	9
Ramping angle α_{\max}	0.25 degrees
Ramping length L for α_{\max}	57.85 mm
Circular interpolation milling $\varnothing D_{\min}$	123 mm
Circular interpolation milling $\varnothing D_{\max}$	124 mm
$\varnothing D_3$	60 mm
Shank type	with bore
Setting angle κ	90 degrees
Milling application	End milling
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	End / face mill

Accessories

Torque screwdriver, fixed setting set torque 1,2 N·m	211750 1,2
Set of insert screws 10-piece	219814
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP