Garant

Shoulder mill 90°, Weldon shank, ∅ D / number of teeth Z: 12/1mm

Order data

Order number	215800 12/1
GTIN	4045197702647
Item class	21O

Description

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

Cutting edge ∅ D_C	12 mm
Overhang L_1	28 mm
Pack of insert screws	219814 (8IP; 1.2 Nm)
suitable indexable insert	AP.. 1003..
Shank ∅ D_s h6	16 mm
Overall length L_{tot}	80 mm
Number of cutting edges Z	1
Ramping length L for α_{max}	6.85 mm
Circular interpolation milling ∅ D_{max}	22 mm
Circular interpolation milling ∅ D_{min}	21 mm
Ramping angle α_{max}	2.09 degrees

∅ D_3	9 mm
Shank type	Weldon shank
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 screws10-piece	219814
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP