Garant

GARANT Softcut HSI close pitch, with bore, ∅ D / number of teeth Z: 160/14mm

Order data

Order number	214857 160/14
GTIN	4045197553508
Item class	21O

Description

Version:
Individual tool geometry ensures very smooth cutting. Exceptionally sturdy insert design for best feed rates. Indexable inserts are secured by special screws with high shear resistance. For arbors to DIN 2079, with 4 additional attachment holes and without internal cooling.
Application:
For outstanding surface quality. Burr-free milling.
Note:
Use GARANT torque screwdriver TQ No. **211750 size 3.0** with bit No. **674252 size 15IP**.
For a_e > 0.5×D, reduce $a_{p\,max}$ to 6 mm.
For exact 90° corners, select a_p = 8 mm.
To use all **4 cutters**, the insert must always be turned **in the direction shown (anticlockwise).**

Technical description

maximum cutting depth $a_{p\,max}$	10 mm
Mounting bore ∅	40 mm

suitable indexable insert	SO.. 1205..
Overall length L_{tot}	63 mm
Pack of insert screws	219833 (15IP; 3.0 Nm)
Cutting edge ∅ D_C	160 mm
Number of cutting edges Z	14
Series	Softcut®
Shank type	with bore
Setting angle κ	90 degrees
Milling application	End milling
Spacing of the cutters	unequal spacing
Through-coolant	yes
Tool exchange	PowerCard
Type of product	End / face mill

Accessories

Torque screwdriver, fixed setting set torque 3,0 N·m	211750 3,0
Set of insert screws10 pieces	219833
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 5IP	674252 5IP