

Garant
Softcut® HSI close pitch, with bore, Ø D / number of teeth Z: 160/14 mm

Order data

Order number	214857 160/14
GTIN	4045197553508
Item class	210

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 $a_e > 0.5 \times D$, 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)**.

Tool exchange: PowerCard

maximum cutting depth $a_{p,max}$: 10 mm

Overall length L_{tot} : 63 mm

Mounting bore Ø: 40 mm

suitable indexable insert: SO.. 1205..

Pack of insert screws: 219833 (15IP; 3.0 Nm)

Technical description

maximum cutting depth $a_{p\max}$	10 mm
Mounting bore \varnothing	40 mm
suitable indexable insert	SO.. 1205..
Overall length L_{tot}	63 mm
Pack of insert screws	219833 (15IP; 3.0 Nm)
Cutting edge $\varnothing D_c$	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	Indexable insert cutter

Accessories

Torque screwdriver, fixed setting set torque 3,0 Nm	211750 3,0
Set of insert screws 10 pieces	219833
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 5IP	674252 5IP