

**Garant**
**GARANT Softcut® HSI close pitch, with bore, Ø D / number of teeth Z: 50/5mm**


## Order data

|              |               |
|--------------|---------------|
| Order number | 214857 50/5   |
| GTIN         | 4045197553454 |
| 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.

### 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)**.

## Technical description

|                                   |                       |
|-----------------------------------|-----------------------|
| suitable indexable insert         | SO.. 1205..           |
| maximum cutting depth $a_{p\max}$ | 10 mm                 |
| Pack of insert screws             | 219833 (15IP; 3.0 Nm) |
| Overall length $L_{\text{tot}}$   | 40 mm                 |
| Mounting bore Ø                   | 22 mm                 |

|                               |                 |
|-------------------------------|-----------------|
| Cutting edge Ø D <sub>c</sub> | 50 mm           |
| Number of cutting edges Z     | 5               |
| 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 |
| PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 5IP | 674252 5IP |
| Set of insert screws 10 pieces                                     | 219833     |