


**simturn AX copying insert, right-hand, L2 = 20 mm, Ø Dmin: 3mm**


## Order data

|              |               |
|--------------|---------------|
| Order number | 270655 3      |
| GTIN         | 2050002078956 |
| Item class   | 24U           |

## Description

### Version:

Version similar (new clamping) to former article numbers No. 240110 – 240135.

Coating: X800 (successor to coating GN39)

### Suitable for:

Toolholder No. 270531 – 270536 and 270539 – 270544.

## Technical description

|                                  |                           |
|----------------------------------|---------------------------|
| max. groove depth $t_{max}$      | 0.7 mm                    |
| Radius R                         | 0.1 mm                    |
| maximum cutting depth $a_{pmax}$ | 0.2 mm                    |
| f                                | 1.25 mm                   |
| a                                | 2.7 mm                    |
| Ø D                              | 5 mm                      |
| Product name attribute           | L <sub>2</sub> = 20 mm    |
| Type of product                  | Cutter insert for turning |

## User data

|                            | Suitability                               | V <sub>c</sub> | ISO code |
|----------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 400 m/min      | N        |

|                               |   |           |   |
|-------------------------------|---|-----------|---|
| Alu > 10% Si                  | suitable only under restricted conditions | 240 m/min | N |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 180 m/min | P |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  | 130 m/min | P |
| INOX < 900 N/mm <sup>2</sup>  | suitable                                  | 100 m/min | M |
| INOX > 900 N/mm <sup>2</sup>  | suitable                                  | 70 m/min  | M |
| Ti > 850 N/mm <sup>2</sup>    | suitable only under restricted conditions | 40 m/min  | S |
| GG(G)                         | suitable                                  | 110 m/min | K |
| CuZn                          | suitable                                  | 210 m/min | N |
| continuous                    | suitable                                  |           |   |
| irregular                     | suitable only under restricted conditions |           |   |
| wet maximum                   | suitable                                  |           |   |