


**simturn AX grooving insert, left-hand, L<sub>2</sub> = 25.4 mm, Ø D<sub>min</sub> / w: 6,2/1,5mm**


## Order data

|              |                |
|--------------|----------------|
| Order number | 270621 6,2/1,5 |
| GTIN         | 2050002066809  |
| Item class   | 24U            |

## Description

### Version:

No corner radius (sharp-edged).

Coating: X800 (successor to coating GN39)

## Technical description

|                                    |                           |
|------------------------------------|---------------------------|
| max. groove depth t <sub>max</sub> | 1.8 mm                    |
| for bores from Ø D <sub>min</sub>  | 6.2 mm                    |
| Ø D                                | 6 mm                      |
| f                                  | 2.95 mm                   |
| Through-coolant                    | no                        |
| Groove width w                     | 1.5 mm                    |
| Manufacturer's designation         | AJ0PX800                  |
| Usable length                      | 25.4 mm                   |
| Product name attribute             | L <sub>2</sub> = 25.4 mm  |
| Type of product                    | Cutter insert for turning |

## User data

|  | Suitability | V <sub>c</sub> | ISO code |
|--|-------------|----------------|----------|
|--|-------------|----------------|----------|

|                               |          |           |   |
|-------------------------------|----------|-----------|---|
| Aluminium (short chipping)    | suitable | 400 m/min | N |
| Alu > 10% Si                  | suitable | 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 | 40 m/min  | S |
| GG(G)                         | suitable | 110 m/min | K |
| CuZn                          | suitable | 210 m/min | N |
| continuous                    | suitable |           |   |
| irregular                     | suitable |           |   |
| wet maximum                   | suitable |           |   |