



**simturn AX thread turning insert, partial profile, 60°, internal, right-hand, L2 = 15.2 mm, Type: 4**



## Order data

|              |               |
|--------------|---------------|
| Order number | 270649 4      |
| GTIN         | 2050002067332 |
| Item class   | 24U           |

## Description

### Version:

Coating: X800 (successor to coating GN39)

### Application:

For producing metric ISO internal threads.

## Technical description

|                                       |                           |
|---------------------------------------|---------------------------|
| for bores from $\varnothing D_{\min}$ | 4.8 mm                    |
| f                                     | 2.25 mm                   |
| Groove width w                        | 0.12 mm                   |
| t                                     | 0.7 mm                    |
| $\varnothing D$                       | 5 mm                      |
| Pitch                                 | 1 – 1.25 mm               |
| S                                     | 0.55                      |
| Manufacturer's designation            | AJA0X800                  |
| Product name attribute                | L <sub>2</sub> = 15.2 mm  |
| Type of product                       | Cutter insert for turning |

## User data

|                               | <b>Suitability</b>                        | <b>V<sub>c</sub></b> | <b>ISO code</b> |
|-------------------------------|---|----------------------|-----------------|
| Aluminium (short chipping)    | suitable only under restricted conditions |                      |                 |
| Alu > 10% Si                  | suitable only under restricted conditions |                      |                 |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  |                      |                 |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  |                      |                 |
| INOX < 900 N/mm <sup>2</sup>  | suitable                                  |                      |                 |
| INOX > 900 N/mm <sup>2</sup>  | suitable                                  |                      |                 |
| Ti > 850 N/mm <sup>2</sup>    | suitable only under restricted conditions |                      |                 |
| GG(G)                         | suitable                                  |                      |                 |
| CuZn                          | suitable                                  |                      |                 |
| continuous                    | suitable                                  |                      |                 |
| irregular                     | suitable only under restricted conditions |                      |                 |
| wet maximum                   | suitable                                  |                      |                 |