



**simturn AX axial grooving insert at bore, right-hand, L<sub>2</sub> = 15.2 mm, Ø D<sub>min</sub> / w: 6,2/1 mm**



## Order data

Order number	270645 6,2/1
GTIN	2050002067202
Item class	24U

## Description

### Version:

Coating: X800 (successor to coating GN39)

### Attention:

Larger groove diameters can be achieved without modifications.

$D_1 = D_{\min}$  internal diameter.

$D_2 = D_{\min}$  external diameter.

## Technical description

Ø D	6 mm
Groove width w	1 mm
f	2.95 mm
Radius R	0.15 mm
max. groove depth $t_{\max}$	2 mm
for bores from Ø D <sub>min</sub>	6.2 mm
Manufacturer's designation	AB01X800
Usable length	15.2 mm
Product name attribute	L <sub>2</sub> = 15.2 mm
Type of product	Cutter insert for turning

## User data

	Suitability	$V_c$	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		