


simturn AX axial grooving insert, right-hand, Ø range Groove D1 / D2: 4/5mm

Order data

Order number	270639 4/5
GTIN	2050002067080
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	4 mm
Groove width w	0.5 mm
max. groove depth t_{\max}	1.6 mm
f	2.2 mm
Through-coolant	no
Ø D ₂	5 mm
Ø D ₁	4 mm
Manufacturer's designation	A2U5X800
Type of product	Cutter insert for turning

User data

Data sheet

	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 ²	suitable	180 m/min	P
Steel < 900 N/mm ²	suitable	130 m/min	P
INOX < 900 N/mm ²	suitable	100 m/min	M
INOX > 900 N/mm ²	suitable	70 m/min	M
Ti > 850 N/mm ²	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		