

**Garant**
**Cutter insert, Ø: 2,2mm**

**Order data**

Order number	237621 2,2
GTIN	4045197681454
Item class	29W

**Description**
**Application:**

For micro-boring heads. **Shank - Ø 4 mm** for direct fitting in head No. 237490 and 237493.

**Technical description**

Boring range Ø	2.2 - 3.3 mm
Shank Ø	4 mm
Ø	2.2 mm
Length L	6 mm
Type of product	Boring tool

**User data**

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable	240 m/min	N
Aluminium (short chipping)	suitable	240 m/min	N
Alu > 10% Si	suitable	240 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	210 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	170 m/min	P

Steel < 1100 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 55 HRC	suitable	80 m/min	H
Steel < 60 HRC	suitable	70 m/min	H
Steel < 67 HRC	suitable	60 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	110 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	90 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable	40 m/min	S
GG(G)	suitable	150 m/min	K
CuZn	suitable	290 m/min	N
Graphite, GRP, CRP	suitable	100 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		