

**Garant****Partial profile insert for DIN 7993 internal, right-hand, HB7010, Groove R: 1mm****Order data**

Order number	271035 1
GTIN	4045197142610
Item class	21J

**Description****Suitable for:**

GARANT threaded toolholders (inner/outer) No. 271997 – 272172 for insert size 16 or 9.3 respectively.

**Technical description**

Blade width w	2 mm
Groove R	1 mm
$t_{\max}$	1.2 mm
Tool material	Carbide
Insert assignment	right-hand
Grade	HB7010
Slots to standard	DIN 7993
Thickness	3.6 mm

Insert size L	16 mm
Shim	No. 272624 size S
Type of product	Indexable insert for grooving

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable	250 m/min	N
Alu > 10% Si	suitable	180 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	150 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	150 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	130 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 only under restricted conditions	40 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	100 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	100 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable only under restricted conditions	50 m/min	S
GG(G)	suitable	130 m/min	K
CuZn	suitable only under restricted conditions	150 m/min	N
continuous	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		

## Accessories

Shim for boring bars Inclination angle 5 °

272624 S