

**Garant**
**Indexable insert for milling POMX 10T5ZEER M, for high feed rate indexable face mills, HB9640**

**Order data**

Order number	213181 INOX
GTIN	4045197714916
Item class	21A

**Description**
**Version:**

Sturdy insert version (thickness = 5.9 mm).  
 Positive geometry for high feed rates.  
 Flat cutting edge length: 2 mm for high surface quality.  
 Special cost-effectiveness due to 5 cutting edges.

**Note:**

Standard application values for  $a_e = 0.5 \dots 1 \times D$  /  $a_p \text{ max} = 2.2 \text{ mm}$ .

**Technical description**

Programming radius at $a_{p \text{ max}}$	4.8 mm
Feed $f_z$ per tooth	1 mm
Type	INOX
Number of changes/inserts	5
ISO code indexable insert	POMX 10T5ZEER M

Type	HB9640
Tool material	Carbide
Type of product	Indexable insert for milling

### User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	360 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	320 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	280 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	180 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	150 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable	80 m/min	S
Uni	suitable		
wet maximum	suitable only under restricted conditions		
Air	suitable		