


**SZMU 080412PNRMM, IC830, Type: UNI**

**Order data**

Order number	225813 UNI
GTIN	7291075460391
Item class	19A

**Description**
**Version:**

Double-sided indexable insert with 8 helical cutting edges. Special cutting edge geometry for smooth cutting to reduce power consumption during machining.

**Note:**

Standard application values for  $a_e = 0.3$  to  $1 \times D$  /  $a_{p\max} = 5.0$  mm.

The minimum order quantity corresponds to one pack unit quantity (VPE) or a multiple thereof.

**Technical description**

Type	UNI
Corner radius	1.2 mm
Insert thickness E	4.76 mm
Series	NEODO
Geometry	PNR-MM
Manufacturer's designation	S890 SZMU 080412PNRMM IC830

ISO code indexable insert	SZMU 080412PNRMM
Grade	IC830
Tool material	Carbide
Number of changes/inserts	4
Type of product	Indexable insert for milling

### User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	130 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	80 m/min	M
wet maximum	suitable		
dry	suitable		