


**SZMU 080412PNRMM, IC808, Type: ST900**

**Order data**

Order number	225801 ST900
GTIN	7291075440034
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:**

The minimum order quantity corresponds to one pack unit quantity (VPE) or a multiple thereof. Standard application values for  $a_e = 0.3$  to  $1 \times D$  /  $a_{p\max} = 5.0$  mm.

**Technical description**

Corner radius	1.2 mm
Type	ST900
Insert thickness E	4.76 mm
Series	NEODO
Feed $f_z$ per tooth	0.25 mm
Geometry	PNR-MM

Manufacturer's designation	S890 SZMU 080412PNRMM IC808
ISO code indexable insert	SZMU 080412PNRMM
Grade	IC808
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	180 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	150 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	140 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	130 m/min	P
wet maximum	suitable		
dry	suitable		