


SZMU 080412PNRMM, IC5600, Type: ST900

Order data

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| Order number | 225804 ST900 |
| GTIN | 7291075460445 |
| 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

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

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|----------------------------|------------------------------|
| Manufacturer's designation | S890 SZMU 080412PNRMM IC5600 |
| ISO code indexable insert | SZMU 080412PNRMM |
| Grade | IC5600 |
| Tool material | Carbide |
| Number of changes/inserts | 4 |
| Type of product | Indexable insert for milling |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Steel < 500 N/mm ² | suitable | 200 m/min | P |
| Steel < 750 N/mm ² | suitable | 180 m/min | P |
| Steel < 900 N/mm ² | suitable | 170 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 150 m/min | P |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | 140 m/min | P |
| wet maximum | suitable only under restricted conditions | | |
| dry | suitable | | |
| Air | suitable | | |