


**SOMT....20ER-GM, PR1835, Type: 10**

**Order data**

Order number	222073 10
GTIN	4960664029358
Item class	25A

**Description**
**Version:**

4-edge indexable inserts with convex cutting edges for low cutting forces.

**Application:**

**FL geometry** is the first choice for general machining.

**Note:**

Standard application values for  $a_e = 0.3 \times D$ .

**Technical description**

Insert thickness E	4.76 mm
Feed $f_z$ per tooth	0.5 – 1.8 mm
Indexable insert size	10
Type	INOX
Programming radius at $a_{p\max}$	3 mm
Corner radius	2 mm
ISO code indexable insert	SOMT100420ER-GM

Grade	PR1835
Tool material	Carbide
Number of changes/inserts	4
Type of product	Indexable insert for milling

### User data

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
INOX < 900 N/mm <sup>2</sup>	suitable	160 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	120 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable	40 m/min	S
wet maximum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		