



## TPCT 1003PDR, IC808, Type: ST900



### Order data

Order number	226504 ST900
GTIN	7291075313642
Item class	19A

### Description

#### Version:

Trigon indexable insert with 3 helical cutting edges. Axial and radial positive cutting edge design. For effective and precise machining of 90° shoulders.

#### Note:

Standard application values for  $a_e = 0.3$  to  $1 \times D$  /  $a_p$  max = 8.0 mm.

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

### Technical description

Series	HELI3MILL
Corner radius	0.8 mm
Number of changes/inserts	3
Feed $f_z$	0.15 mm
ISO code indexable insert	TPKT 1003PDR
Geometry	PDR
Manufacturer's designation	HM390 TPCT 1003PDR IC808

Grade	IC808
Tool material	Carbide
Type of product	Indexable insert for milling

**User data**

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
Steel < 500 N/mm <sup>2</sup>	suitable	300 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	280 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	260 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	240 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	220 m/min	P
wet maximum	suitable		
dry	suitable		