

**Garant**
**XOMU094812ZZER, HB4020, Type: ST900**


## Order data

Order number	213024 ST900
GTIN	4062406266554
Item class	21A

## Description

### Version:

**Innovative** indexable insert concept with **double-sided** indexable inserts with 3 cutting edges (2×3 cutting edges). **High-performance** tool material for particularly high **cost-effectiveness**.

### Note:

Standard application values for  $a_e = 0.5...1 \times D / a_{p,max}$

Programming radius at  $a_{p,max}$ : 2 mm

Feed  $f_z$  per tooth: 1.1 mm

## Technical description

Type	ST900
Feed $f_z$ per tooth	1.1 mm
Corner radius	1,2 mm
ISO code indexable insert	XDMT090416ZDSR
Grade	HB4020
Tool material	Carbide

recommended cutting depth $a_{p\max}$	1.2 mm
maximum cutting depth $a_{p\max}$	1.5 mm
Programming radius at $a_{p\max}$	2 mm
Number of changes/inserts	6
Coating	AlTiCrN
Type of product	Indexable insert for milling

### User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	330 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	280 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	240 m/min	P
wet maximum	suitable only under restricted conditions		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		