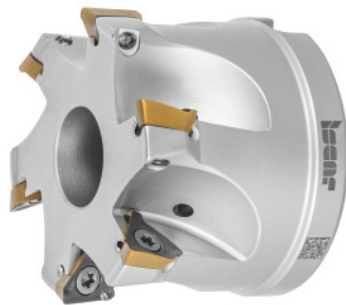




## HELI3MILL shoulder mill, with bore, $\varnothing$ DC / number of effective cutting edges Z: 50/4mm



### Order data

Order number	226486 50/4
GTIN	7291075314083
Item class	19D

### Description

#### Version:

Reliable shoulder milling system for a wide range of applications. Versions in two system sizes with cutting edge lengths in 10 and 15 mm. Optimally supported Trigon indexable inserts in the seat ensure true 90° shoulders. Ideally suited for circular interpolation milling operations and ramping.

#### Spare part:

Pack of indexable insert screws No. **229695 1** (TX10; 3.2 Nm).

### Technical description

$\varnothing D_3$	46 mm
Series	HELI3MILL
Mounting bore $\varnothing$	22 mm
Circular interpolation milling $\varnothing D_{\max}$	99 mm
Circular interpolation milling $\varnothing D_{\min}$	96.4 mm

Ramping length L for $\alpha_{\max}$	386.69 mm
Number of cutting edges Z	4
suitable indexable insert	TP..1003..
Overall length $L_{\text{tot}}$	40 mm
Ramping angle $\alpha_{\max}$	1.2 degrees
Cutting edge $\varnothing D_c$	50 mm
Circular interpolation milling $a_p$	3.1 mm
Manufacturer's designation	HM390 FTP D050-4-22-10
Shank type	with bore
Setting angle $\kappa$	90 degrees
Milling application	Ramping
Milling application	Plunging
Milling application	Circular milling
Through-coolant	yes
Machining strategy	HPC
Type of product	End / face mill

## Accessories

Set of insert screws 5 pieces Type 1	229695 1
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