



## High feed rate milling cutter MFH Harrier, Weldon shank, $\varnothing D$ / number of teeth Z: 40/4mm



### Order data

Order number	222055 40/4
GTIN	4960664707560
Item class	250

### Description

#### Description:

MFH Harrier high feed rate indexable face mills enable short machining times thanks to high feed rates and high cutting depths. The approach angle in combination with the convex cutting edges reduces the cutting forces and minimises the tendency to vibrate.

#### Application:

For increased productivity in face milling, pocket milling and slot milling. Because the cutting forces are so low, large overhangs for plunge milling pose no problem.

### Technical description

maximum cutting depth $a_{p\max}$	1.5 mm
Insert screw	229717 (15IP; 3.5 Nm)
Shank $\varnothing D_s$ h6	32 mm
$\varnothing D_3$	23 mm
Cutting edge $\varnothing D_c$	40 mm
Overhang $L_1$	50 mm
Number of cutting edges Z	4
Overall length $L_{\text{tot}}$	112 mm
suitable indexable insert	SOMT..
Indexable insert size	10

maximum cutting depth $a_{p_{max}}$ for LD geometry	3.5 mm
Through-coolant	yes
Circular interpolation milling $\varnothing D_{max}$	78 mm
Circular interpolation milling $\varnothing D_{min}$	63 mm
Ramping angle $\alpha_{max}$	0.92 degrees
Ramping length L for $\alpha_{max}$	22.4 mm
Setting angle $\kappa$	10 degrees
Shank type	Weldon shank
Milling application	Plunging
Milling application	Circular milling
Milling application	Ramping
Machining strategy	HPC
Type of product	Copy mill

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## Accessories

Clamping screw	229717
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