



## High feed rate milling cutter MFH Harrier, Plain shank, $\varnothing D$ / number of teeth Z: 35/3mm



### Order data

Order number	222050 35/3
GTIN	4960664707508
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
Shank $\varnothing D_s$ h6	32 mm
$\varnothing D_3$	18 mm
suitable indexable insert	SOMT..
Indexable insert size	10
Overhang $L_1$	50 mm
Overall length $L_{\text{tot}}$	150 mm
Number of cutting edges Z	3
Insert screw	229717 (15IP; 3.5 Nm)
Cutting edge $\varnothing D_c$	35 mm

maximum cutting depth $a_{p,max}$ for LD geometry	3.5 mm
Through-coolant	yes
Circular interpolation milling $\varnothing D_{max}$	68 mm
Circular interpolation milling $\varnothing D_{min}$	53 mm
Ramping angle $\alpha_{max}$	1.19 degrees
Ramping length L for $\alpha_{max}$	17.4 mm
Setting angle $\kappa$	10 degrees
Shank type	Plain 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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