



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



Order data

Order number	222050 40/4L
GTIN	4960664707614
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

Indexable insert size	10
Cutting edge $\varnothing D_c$	40 mm
Shank $\varnothing D_s$ h6	32 mm
$\varnothing D_3$	23 mm
Overall length L_{tot}	250 mm
Number of cutting edges Z	4
Insert screw	229717 (15IP; 3.5 Nm)
Overhang L_1	50 mm
suitable indexable insert	SOMT..
maximum cutting depth $a_{p,max}$	1.5 mm

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 α_{\max}	0.92 °
Ramping length L for α_{\max}	22.4 mm
Setting angle κ	10 °
Shank type	Plain shank
Milling application	Plunging
Milling application	Circular milling
Milling application	Ramping
Machining strategy	HPC
Type of product	Copy mill

Accessories

Clamping screw	229717
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