



High feed rate milling cutter MFH Harrier, Plain shank, $\varnothing D$ / number of teeth Z: 50/3mm



Order data

Order number	222050 50/3
GTIN	4960664712588
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

suitable indexable insert	SOMT..
Number of cutting edges Z	3
maximum cutting depth $a_{p\max}$	2 mm
$\varnothing D_3$	26 mm
Overall length L_{tot}	150 mm
Overhang L_1	50 mm
Shank $\varnothing D_s$ h6	42 mm
Cutting edge $\varnothing D_c$	50 mm
Indexable insert size	14
Insert screw	229719 (20 IP; 4.5 Nm)

maximum cutting depth $a_{p,max}$ for LD geometry	5 mm
Through-coolant	yes
Circular interpolation milling $\varnothing D_{max}$	98 mm
Circular interpolation milling $\varnothing D_{min}$	76 mm
Ramping angle α_{max}	0.83 degrees
Ramping length L for α_{max}	25 mm
Setting angle κ	10 degrees
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	229719
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