



High feed rate milling cutter 7792VX, with bore, $\varnothing D$ / number of teeth Z: 80/6mm



Order data

Order number	221908 80/6
GTIN	4059782503533
Item class	28R

Description

Description:

The unique design of the indexable inserts together with their approach angle in the milling body greatly reduces the radial forces and diverts them into the axial direction. Particularly thick indexable inserts with 4 cutting edges for the heaviest duties and high cost-effectiveness. The tool has particular advantages for face milling and milling deep pockets. With its ground wiper chamfer it is equally well suited also to plunge milling and finish milling operations.

Technical description

Insert screw	229920 (TP20; 7.6Nm)
$\varnothing D_3$	53 mm
maximum cutting depth $a_{p\max}$	3.5 mm
Overall length L_{tot}	50 mm
Cutting edge $\varnothing D_c$	80 mm
Indexable insert size	16

Mounting bore \varnothing	27 mm
suitable indexable insert	XE.. 1605
Number of cutting edges Z	6
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	133 mm
Circular interpolation milling $\varnothing D_{\max}$	158 mm
Ramping length L for α_{\max}	52.3 mm
Ramping angle α_{\max}	0.38 degrees
Setting angle κ	16 degrees
Fz Helix	0.7
Shank type	with bore
Milling application	Circular milling
Milling application	Ramping
Milling application	Plunging
Machining strategy	HPC
Type of product	Copy mill

Accessories

Clamping screw	229920
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