



HELI3MILL shoulder mill, with bore, \varnothing DC / number of effective cutting edges Z: 80/5mm



Order data

Order number	226490 80/5
GTIN	7291075313093
Item class	19D

Description

Version:

Reliable shoulder milling system for a wide range of applications. Versions in two system sizes with cutting edge lengths in 10 and 15 mm. Optimally supported Trigon indexable inserts in the seat ensure true 90° shoulders. Ideally suited for circular interpolation milling operations and ramping.

Spare part:

Pack of insert screws No. **229696 2** (IP20; 9.0 Nm).

Technical description

Series	HELI3MILL
Number of cutting edges Z	5
Circular interpolation milling \varnothing D _{max}	159 mm
Circular interpolation milling \varnothing D _{min}	155 mm
Mounting bore \varnothing	27 mm

Circular interpolation milling a_p	3.7 mm
Overall length L_{tot}	50 mm
$\varnothing D_3$	75.6 mm
Ramping length L for α_{max}	833.9 mm
Ramping angle α_{max}	0.9 degrees
Cutting edge $\varnothing D_c$	80 mm
Manufacturer's designation	HM390 FTD D080-5-27-15
Shank type	with bore
Setting angle κ	90 degrees
Milling application	Plunging
Milling application	Plunging
Milling application	Ramping
Through-coolant	yes
Machining strategy	HPC
Type of product	End / face mill

Accessories

Set of insert screws 10 pieces Type 2	229696 2
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