

**DUO-LOCK HAIMER MILL Power Series HPC, uncoated, Ø f9 D1/R: 12/1,0mm****Order data**

Order number	220307 12/1,0
GTIN	4034221141514
Item class	26Y

Description**Note:**

DUO-LOCK HAIMER MILL PowerSeries: First choice for applications with long overhangs and unstable clamping conditions. For particularly smooth running on long overhangs it is preferable to use solid carbide extensions.

Technical description

Feed f_z for side milling in short-chipping aluminium	0.03 mm
Overall length L	24 mm
Milling head Ø D	12 mm
Corner radius	1 mm
Width across flats AF	9.5 mm
DUO-LOCK interface	DL12 mm
Overhang L_1	18 mm
Ø D_2	11.5 mm
recommended tightening torque	30 Nm
Tolerance nominal Ø	f8
Number of cutting edges Z	4
Coating	uncoated

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Spacing of the cutters	unequal spacing
Helix angle	37 degrees
Helix angle characteristic	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Machining strategy	HPC
Through-coolant	no
Shank type	with threaded shank
Type of product	Cutter insert for milling

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions		
Aluminium (short chipping)	suitable		
Alu > 10% Si	suitable only under restricted conditions		
wet maximum	suitable only under restricted conditions		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable only under restricted conditions		