


**DUO-LOCK HAIMER MILL Power Series HPC, uncoated, Ø f9 D1: 12mm**

**Order data**

Order number	220306 12
GTIN	4034221141484
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**

Flute length $L_2$	18 mm
Overall length $L$	24 mm
Corner chamfer angle	45 degrees
Feed $f_z$ for side milling in short-chipping aluminium	0.03 mm
Cutter Ø $D$	12 mm
Corner chamfer width at 45°	0.24 mm
Width across flats $AF$	9.5 mm
Overhang $L_1$	18 mm
DUO-LOCK interface	DL12
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
Type of product	Cutter insert for milling

### User data

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