



Innovate

Seco Double Quattromill® 14 Maximizes Low-Horsepower Machine Performance

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The new *Seco Tools Double Quattromill® 14* cutter allows shops with lower horsepower machines to maximize their face milling operations. The face milling cutter uses double-sided inserts with 8 cutting edges for cost-effectiveness as well as for an increase in depth of cut in roughing, semi-finishing and finishing operations. Seco designed the Double Quattromill® 14 as a smaller version of the company's Double Quattromill® 22, which is ideal for large machines with higher horsepower and torque capabilities.



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Seco Tools Double Quattromill® 14

The Double Quattromill® 14 comes in 45° and 68° lead angle versions for depths of cut up to 6mm (0.236") and 8mm (0.315"), respectively. The 45° angle, which excels in weak or unstable fixturing, provides better chip thinning and higher feed rates. The 68° angle reaches high depths of cut with the same size inscribed circle (I.C.) on the insert as the 45° angle, but with better clearance to avoid sidewalls or part fixturing. Unlike the inserts on standard tangential-type face mills, the Double Quattromill® 14 offers extremely free cutting to lower cutting forces and machine power consumption while it extends tool life.

Double Quattromill® 14 cutter bodies come in fixed-pocket and cassette styles, with standard or close pitch along with metric or inch versions. Seco also applied its new surface texture technology to the Double Quattromill® 14's cutter body flute surfaces for enhanced chip control and evacuation as well as durability.

The Double Quattromill® 14 offers three insert ranges with various edges and grade options. The ME10 geometry works with sticky materials such as titanium and stainless steel. The M10 geometry includes sharper edges and smaller T lands for reduced cutting force that excels at lower horsepower levels, working with sticky materials, some tool steels and super alloys. The M16 provides the best edge protection of the three insert geometries when machining abrasive materials such as steels, tool steels and cast irons.

Watch the short video below to see the Double Quattromill® 14 in action:

Share your opinion of the Seco Tools Double Quattromill® 14 below or visit [MSCDirect.com](https://www.mscdirect.com) for more product info.

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