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Press release

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Immediate

Seco Double Quattromill® 14 maximizes low-horsepower machine performance.

The new Seco Tools Double Quattromill® 14 cutter allows machine shops with lower horsepower machines to maximize their face milling operations.

The Double Quattromill® 14 face milling cutter uses double-sided inserts with 8 cutting edges for cost-effectiveness as well as for increased depths-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.

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 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 lower cutting forces. This extends tool life and decreases machine power consumption - reducing the strain on the machine.

Double Quattromill® 14 cutter bodies come in fixed-pocket and cassette styles, with standard or close pitch (in metric or inch versions).

Seco has also applied their new surface texture technology to the flute surfaces of the Double Quattromill® 14's cutter body. This feature helps improve 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 comes with no edge protection and is therefore ideal for sticky materials and excels in stainless steel and titanium. The M10 geometry includes a small T-lands making it the first choice geometry for steel applications. The M16 provides the best edge protection of the three insert geometries when machining materials such as steels, tool steels and cast irons.

Ends.

Image caption:

Seco_Double_Quattromill_14.jpg: **Seco Tools' Double Quattromill 14**

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