

THREADING

25-2024

MAY 2024

METRIC

NPA

New Product Announcement



Indexable Inserts



Rigid Clamping



High Productivity



QUICK*M***THREAD**

Step Release

QUICK-M-THREAD Endmills

for Productive Thread Milling

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NEW PREVIEW

QUICK M THREAD

Step Release QUICK-M-THREAD Endmills for Productive Thread Milling.

Highlights

High Feed Rates for Highly Productive Thread Milling.

ISCAR is expanding its product range of the MILLTHREAD family by introducing new QUICK-M-THREAD thread milling cutters with versatile triangular indexable inserts. These new cutters incorporate a step-release design concept aimed at significantly reducing cutting forces, improving dynamic stability, and minimizing the bending load on the tool. Consequently, they allow for increased cutting data and, in turn, increased productivity. Furthermore, the unique design of these cutters extends tool life and greatly contributes to achieving better surface finish on the generated threads.

The new QUICK-M-THREAD thread milling cutters are equipped with internal channels that facilitate coolant supply directly to the cutting zone through the cutter body. This improvement enhances the cooling effect and lubricity during machining. The cutters are specifically designed for milling threads within the pitch range of 2-6 mm. The applicable pitch data is shown in Table 1 below.

When used for milling internal threads, they are suitable for threads with a nominal diameter starting from 24 mm.

Ultimately, the QUICK-M-THREAD cutters offer customers an efficient and cost-effective solution for productive thread milling.



QUICK M THREAD

