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Milling a deeper path

Dormer Pramet has expanded its milling assortment for die and mold and general machining applications with several introductions.

This includes the new double-sided SNGX11 insert for high feed milling with up to 1.7mm depths of cut.

A strong main cutting edge ensures high levels of durability and process security – especially when machining corners inside a pocket. With eight cutting edges, the square-shaped SNGX11 also represents an extremely economical solution.

Suitable for copy milling, helical interpolation, ramping, progressive plunging and face milling, the SNGX11 is available in two geometries. M is for machining steel, but also hardened steel and cast iron. MM provides a smoother cut and is more suitable for stainless steel, soft steel and super alloys.

The range is supplemented by the new SSN11 cutter, available in diameters from 32 – 125mm, with intermediate sizes for die and mold applications. All cutters feature a special through-coolant design to further improve process security and a high overhang to support deep milling up to 10xD.

Meanwhile, Dormer Pramet has added to its ADMX07 milling program with a new F geometry for finishing and semi-finishing applications.

This sits alongside the existing M, FA and HF geometries and targets light machining of stainless steel and low carbon steels.

Extremely suited to vibration sensitive machining, the chip breaker features a highly positive geometry with narrow peripheral land. This reduces chatter and enables a smooth cutting action without burrs on the machined wall.

Significantly, it also supports lower cutting forces which not only reduces energy consumption, but also prevents work hardening, meaning increased durability and longer tool life.

The ADMX range is a universal 90° tool suitable for a variety of milling applications.

For more information regarding all the latest products launched by Dormer Pramet please visit <u>www.dormerpramet.com</u> or contact your local sales office. Follow all the social posts regarding the new assortments by searching for #EverydayProductivity.

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Pictured (SNGX11_SSNN11): Dormer Pramet's double-sided SNGX11 inserts and SSN11 cutter supports high feed milling up to 1.7mm depths of cut.

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Pictured (SSN11_action): The SSN11 cutter is available in diameters from 32 – 125mm, with intermediate sizes for die and mold applications.

Pictured (ADMX 07_action): Dormer Pramet has added to its ADMX07 milling program with a new F geometry for finishing and semi-finishing applications.

Notes to editors:

Dormer Pramet is a global manufacturer and supplier of tools for the metal cutting industry. Its comprehensive product program encompasses both rotary and indexable drilling, milling, threading and turning tools for use in a wide variety of production environments. An extensive sales and technical support service operate from 21 offices, serving more than 100 markets worldwide. These are assisted by dedicated production facilities in Europe and South America and a highly developed distribution and logistics network.

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