

PRESS RELEASE: High productivity deep hole drilling

Dormer has expanded its Spectrum branded range of multi-material tools with a new programme of high performance cobalt alloyed high-speed steel drills for applications up to 15 x diameter.

A variety of lengths - from stub to extra length – are available, covering drilling operations in most engineering materials from 3xD (A920, A921), 6xD (A900, A901), 10xD (A940, A941) and 15xD (A976, A977, A978).

All Spectrum deep hole drills feature a parabolic flute design with quick helix for increased chip space and improved swarf breaking and removal capabilities, allowing greater hole depths to be achieved without the need for pecking.

A thick web design increases the structural strength of the drill. This results in greater rigidity and, in turn, minimises the risk of drill breakage.

In addition, the special point geometry promotes excellent centering - eliminating the requirement for a pilot hole - and reduces both thrust force and power requirements.

“The combination of these unique elements”, explains David Goulbourne, Dormer’s development manager for drilling products, “results in a continuous production process at higher speeds and feeds while also promoting consistent hole size and quality.”

Available in bright finish across the full range, a Smooth-Flow coating option is available on specific lengths. This additional surface treatment reduces the coefficient of friction, increases wear resistance and, in combination with the parabolic flute, eliminates chip packing at greater depths.

Further information is available by contacting your local Dormer office or by visiting the website www.dormertools.com

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Note to editors

Part of the Sandvik Group, Dormer has a proud history dating back to 1889. The company is a global operator with sales units in over 40 countries covering 100 markets. Its expertise lies in the manufacture of superior quality cutting tools – primarily drills, reamers, taps and milling cutters - in Solid Carbide and High Speed Steel. Dormer has its own research and development facilities and also works closely with many of the world’s leading Universities and research institutes to ensure it remains at the forefront of tool design.