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**New PCD milling programme – exchangeable head milling cutter**

The new PCD milling programme from Horn includes the DM 50 series, a replaceable head milling system for economical machining of aluminium that is particularly suitable for universal applications including those where the cycle time is critical.

With the DM50 series, HORN offers a tool concept that is a well thought out solution in terms of wear, flexibility and cost effectiveness, especially for universal applications and those that require optimal cycle times. The main wear zone of the head and the inserts can be replaced, as can an intermediate sleeve that enables different cutting heights. The system therefore offers a tool solution that can be flexibly customised to any application, while at the same time focusing on operating and service costs. Thanks to its high level of versatility, the tool system can be converted quickly to different corner radii and corner chamfers with the desired cutting height. The combination of inserts on the face and periphery in a 2:1 ratio is tailored to different application requirements and milling techniques. Precise positioning on changeover without any offset guarantees accurate milling results. The design, with an emphasis on the axis angle, enables soft cutting and high surface quality.

The replaceable head milling cutters round off the wide range of standard and special tools in HORN's portfolio of ultra-hard cutting materials, making the tool manufacturer an important partner in the field of PCD tools.

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Photo caption: The design of the DM50 series, with an emphasis on the axis angle, enables soft cutting and high surface quality.

Source: HORN/Sauermann



Photo caption: In addition to the DM 50 series, Horn's new PCD milling system offers end and face milling cutters for cost-effective machining of aluminium.

Source: Horn/Sauermann

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