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Spiral PCD Drill "PS-plus"

Based on the previous success of PCD drill type „PS“ during burr and delamination free machining of fibre composites – also in combination with aluminium – so-called stacks components – Lach Diamant developed the PCD drill type „PS-plus“.

PS-plus drills show highest efficiency and quality for a diameter range of 2.5 up to 12 mm and time savings up to 75 %. A long tool life makes PS-plus drills the ideal choice for maximum machine utilization and unmanned shifts.

The trouble-free use of these PCD drills normally saves 2-3 previously necessary work steps, such as pre-drilling/drilling of pilot holes, drilling and even reaming when aiming for burr-free quality up to h6. Optimal chip removal is guaranteed via MQL or coolants. For drill diameters over 5.0 mm, PS-plus drills will be delivered with internal cooling.

PS-plus drills are designed for maximum cutting speeds and feeds and therefore guarantee shortest cycle times. PCD drills type PS-plus are super fast tools for serial production and drilling into solid material, e. g.



Photo: Lach Diamant

Lach Diamant PCD drill type PS-plus

for all aluminium or die-cast housing components, extruded or drawn parts, aluminium turning parts and in general for all pinhole, thread and core drilling from 2.5 to 12 mm. Of course PS-plus is also available as step drill tool.

Moreover, type PS-plus PCD drills are ideal for aluminium and fibre composite components in today's automobile and aircraft manufacturing industries.



www.lach-diamant.de