

Aluminium Entry FMV



Description

Alltech Aludrill FMV solid aluminium Entry material, that is developed for drilling process in the printed circuit industry. It meets today's requirements when drilling PCB's such as protect the PCB surface, eliminates burrs and improves hole accuracy and hole wall roughness. Alltech Aludrill FMV offers very good drill properties, an good price / performance ratio and meets nowadays technical requirements. Aludrill FMV can be drilled as well as routed when using single flute routers.

Technical Data

Physical Property	Reported Units	Typical Values
Aluminium Thickness	mm	0.18 - 0.30 ± 0.01
Alloy		3105
Hardness	H	19
Tensile Strength	MPa	≥ 240
Elongation	%	≥ 3%
Surface quality	Mill Finish	636
Surface roughness Ra	µm	0.3 - 0.6
Panel/Sheet Dimensions	mm	± 1.0

Recycling

Alltech Aludrill FMV can be returned to the recycling process.

Surface

Alltech Aludrill FMV is metallic.

Form of Delivery / Tooling

Alltech Aludrill FMV is available in sheets 935 x 1235 mm, 1085 x 1235 mm, 1085 x 1295 mm and panels, tooled or un-tooled according to customer demand.

Quality

CCI and supplier are certified according to ISO:9001.

Storage

Storage should be in unopened original packaging. Storage conditions should be stable respecting to air moisture and temperature at production area. Opened packages must not be exposed to air condition, open doors or fresh air.

Environment / Disposal

Alltech Aludrill FMV is hazard-free and non-toxic. Disposal of wastes can take place by consumer according to local environmental and disposal regulations.

General Safety Information

Only use the product for applications described in the product data sheet, the product is intended for industrial use only, the product is not suitable for food industry, the product must not be eaten.