FLOWDRILL

Flow drilling set for aluminium, AluDrill special, for thread M: M8

Order data

Order number	082745 M8
GTIN	2050001777874
Item class	04D

Description

Version:

Special flow drills with hard carbon coating for production of **core holes in aluminium** preliminary to thread forming. Coated aluminium profiles can be drilled without separating agent, without the risk of scratching or scorching the paint. The geometry and an extremely smooth surface coating prevent vibration and noise, and material pick-up.

Description:

The high speed and frictional heat creates local high temperatures which plastify all types of metallic materials. This allows a bushing to be created in a variety of thicknesses of materials, without chips, in just a few seconds.

The polygon contour of the carbide flow drill generates frictional heat which plasticises all types of metal materials. This allows closed apertures to be created in a variety of thicknesses of materials, without chips, in just a few seconds.

Advantage:

· **Large savings of time and costs compared to conventional processes (such as drawn-on nuts).**
· **Generates no chips or swarf; supersedes rivet nuts, weld nuts and press nuts.**
· **Solid basis for threads with high pull-out forces.**
· **For all popular material thicknesses and thread sizes (threads to DIN 13).**

Note:

Other versions and sets for special applications (such as for thin sheet metal) available on request. Use fluteless taps without oil grooves. **See items No. 139115 ff for suitable fluteless taps.**

Tapping hole Ø: 7.1 mm

Shank Ø: 12 mm

maximum material thickness: 5.5 mm

recommended drive power: 2 kW

recommended speed: 4000 - 8000 min-[1]

Technical description

recommended speed	4000 - 8000 min^{-1}
recommended drive power	2 kW
Tapping hole ⌀	7.1 mm
for thread M	M8
maximum material thickness	5.5 mm
Shank ⌀	12 mm
Type of product	Flow drills

Accessories

Fluteless machine tap without oil grooves HSS-E-PM 6HX M M8	139115 M8