

Product Brochure For T883

Thermdrill - Cut Type For M5 - FD-C5

Sheet Metal Hole Forming Ready For Threading

Must See Video Demonstration

ORDER CODE:	T883
MODEL:	FD-C5
Type:	Thermdrill Cut
Size:	Suits M5
Material Thickness - Maximum (mm):	3
Recommended Speed - Mild Steel (rpm):	2200 - 2500
Recommended Speed - Stainless Steel (rpm):	1980 - 2250
Recommended Speed - Aluminium (rpm):	3700
Collet Sizes:	~



Description

Working with THERMDRILL gives you a significant increase of productivity by reduction of production time up to 50%

THERMDRILL is specially ground and made out of solid carbide. Generating friction heat while drilling it displaces the thin walled material without producing any chips

Within seconds it forms a bushing underneath the work-piece from the existing material

This extra thickness comes without any additional material or inserts and is now offering enough space for the threads which are introduced in the second step.

Features

- Steel - recommended 2,200 ~ 2,500rpm to produce correct form
- Stainless Steel - recommended 1,980 ~ 2,250rpm to produce correct form
- Aluminium - recommended 3,700rpm to produce correct form
- No more wobble, loosening or twist (like with rivet nuts)
- 100% no twist because it's made out of one piece
- Especially suitable for round tubes
- Secure hold also for sheet metal and special section tubes
- No waste because of chip-less process by using friction heat
- Better quality of the thread by thread forming instead of cutting (material solidification)
- Long life of the tools by polygonal grinding hard metal
- How it works. Stable threaded bushing in only two steps
- With the THERMDRILL method you create in seconds with only two steps extremely stable threaded bushings made out of one piece.
- Note: Requires thread shaper to form actual thread - (T890)

The image consists of three sequential photographs showing the process of creating a thread in a metal part. The first image, labeled "Thermal-drilling", shows a drill bit with a glowing orange tip entering a metal workpiece. The second image, labeled "Thread forming", shows a brass-colored thread-forming tool being pushed into the hole, creating a thread. The third image, labeled "Stable bushing", shows a finished threaded hole with a hex nut being tightened onto it.

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