



# Standard set includes:

- > drilling rig
- > hand drill unit
- > vice
- > system case containing:
  - > Flowdrill tools for M6 + M8
  - ➤ Flowtaps for M6 + M8
  - ➤ lubricants for tapping
  - incl. T-slot spanners
  - > customized tool holder incl. collets for M6 + M8
  - > spanners
- > instruction manual



#### Optional extras:

➤ Flowdrill + Flowtaps for M4 und M5

# Flowdrill partners world wide

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➤ Your Flowdrill partner



# Mobile thermal drilling



www.flowdrill.com www.flowdrill.com www.flowdrill.com

# Mobile, flexibility to drill on site...



# ... and in the workshop

- > easy to handle
- ideal for small production projects
- > mobile und space saving
- > repair of damaged threads
- utilized also for standard drilling purposes



#### Machine settings:

Thread	Flowdrill Ø [mm]	max. Material Thickness [mm]*	RPM Flowdrill	RPM Flowtap
M4	3.7	2.5	0	11 12 12 12
M5	4.5		G	A A
M6	5.4		2600	150
M8	7.3			

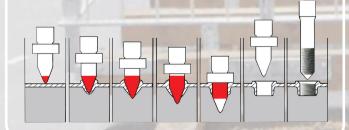
\*use Flowdrill type "long"

#### **Flowdrilling**

Process perfected over 25 years – now available for mobile use.

By the combination of rotation and pressure the Flowdrill® creates a passage in a completely chipless process. The bush can be used for strong screw connections as well as for brazing or bearings etc.

- bush length up to 3 times of original material thickness
- > useful for strong threads with high pull out strength
- > for mild and stainless steel, aluminium, copper, brass
- > chipless, no waste
- replaces weld nuts, rivet nuts or press nuts
- > materials from 0.8 to 2.5 mm thickness
- ideal for thread sizes M4 M8





# 2 gear performance hand drill incl. accessories

> rated input power: 1.020 W, 230 V, 50/60 Hz

rpm at nominal load: 900/2600 U/min

➤ idle speed: 0-900 rpm / 0-2.600 rpm

maximum torque: 28 Nm / 10 Nm

→ drill chuck with expandable range of Ø 1.5 - 13 mm (for use with standard spiral drills)

- ➤ collet tap holder: Ø 6 + 8 mm (for Flowdrilling)
- electronic speed control with overload protection
- right and left turn option for Flowtapping
- rpm setting adjusts simply and continuously by pressure key with lock system

#### Solid drilling rig for highest demands:

- robust and sturdy guide feeding system
- large and solid base plate
- incl. T-slot spanners
- machine vice with 100 mm spanning width
- ideal solution for square and round pipes, sheet and metal profiles