



**FEIN Metal Core Drilling**

**KBM 52 U**



**Core drilling with FEIN –  
The best opportunity  
for change.**

**Powered by innovation**



# KBM 52 U – For anyone who expects more from FEIN.



Mechanical two-speed drive for optimum speed for larger and smaller diameters.

## Core drilling to perfection.

Core drilling is an extraordinarily economic procedure for the realisation of large capacity holes in the fastest way possible and with high precision – also for thick materials. The FEIN core drilling unit KBM52U has even more to offer. Due to a number of innovative technological details combined with ground-breaking comfort and safety features, FEIN yet again sets the standard in this segment. Core drilling up to  $\varnothing$  50 mm has never been so easy, safe, and comfortable.



The tool-free FEIN QuickIN rapid change system in combination with MK 3 adaptor enables flexible tool use.

## A comparison pays off.

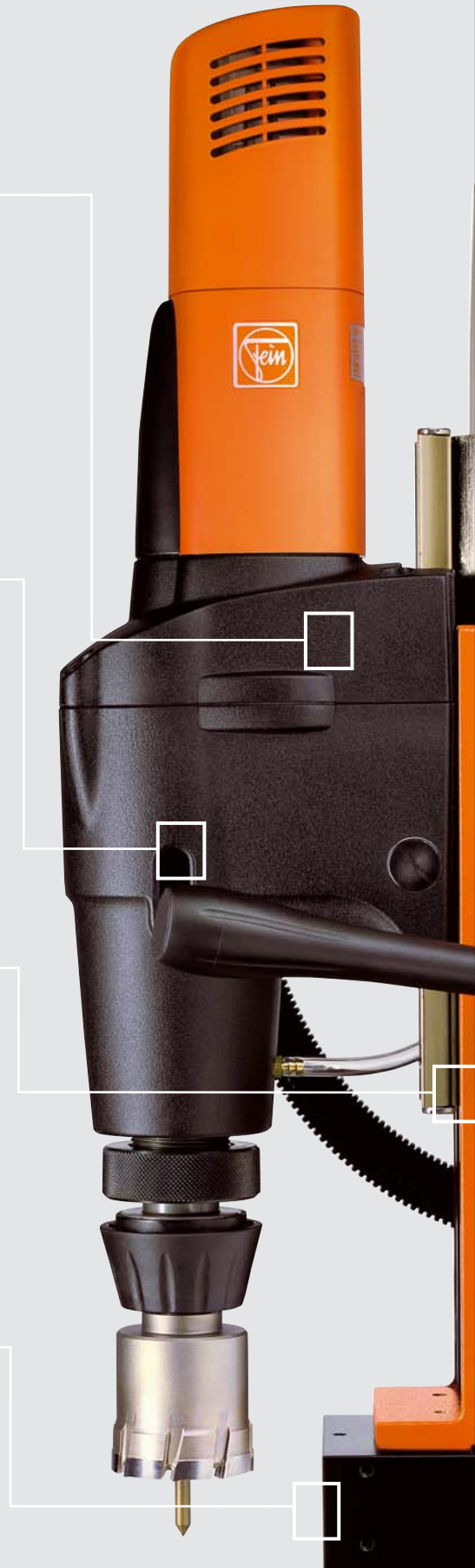
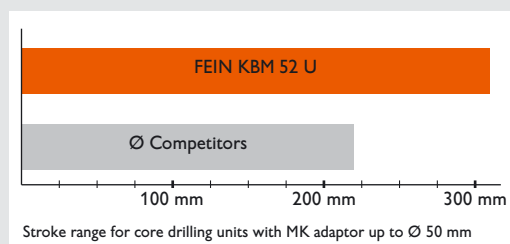
With its extensive equipment but low weight, the KBM 52 U is a universal production tool for mobile applications. The 1200 W HIGH POWER MOTOR with electronic speed control and MEMORYFUNCTIONS, the universal chuck, and the reversible rotation in connection with the unique stroke range make the KBM 52 U indispensable for metalworking. Whether core drilling, full drilling, tapping or reaming – all work steps can be carried out in one go without changing the workpiece.

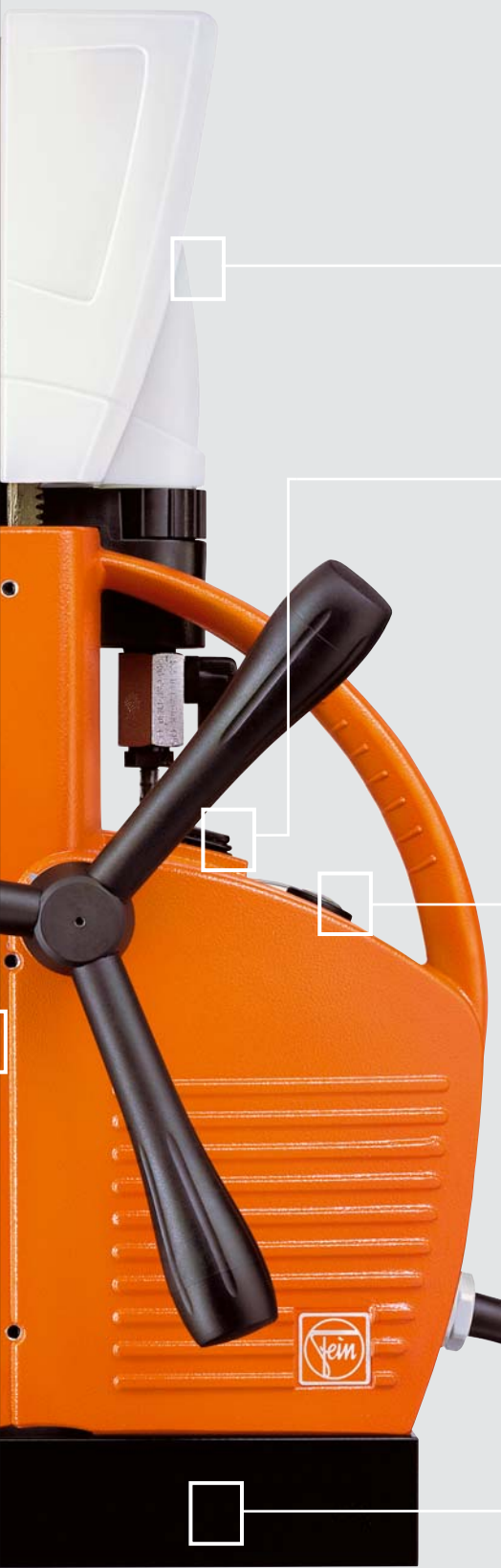


Robust and accurate dual dove-tail guide for great stability and extremely long service life.



Increased operational safety through stable contact and swarf protection. (Optionally available as accessory)





High operating convenience due to gravity cooling lubrication for horizontal and vertical use. Economic consumption due to exact dosing.



Reversible rotation enables tapping without delays.



Infinitely variable electronic speed control and memory possibilities through FEIN MEMORYFUNCTION



MAGNETMONITORSYSTEM: Reliable magnetic holding force and long service life of the magnetic coils.

## Technical Data

## KBM 52 U

Safety Class I		
Power Input	W	1200
Power Output	W	640
Speed, full load		
1. Gear	rpm	130-260
2. Gear	rpm	260-520
Cable with plug	m	4
Weight	kg	13.7

Capacity in steel max. Ø		
Tapered Spindle	mm	12-50
Twist Drill (with drill chuck)	mm	23 (16)
Tapping Drill		M 16
Drilling depth max.	mm	50
Chuck		QuickIN/ MK 3
Magnetic Holding Force	N	11 000
Height Drill Jigs	mm	368
Stroke	mm	135
Tot. Stroke Range	mm	310
Magnetic Foot		
Dimensions	mm	180 x 90

## Order Reference

**7 270 31**

### Price includes:

1 storage box, 1 coolant tank, 1 lashing strap, 1 swarf hook, 1 QuickIN adaptor for M 18 x 6 P 1.5, 2 centring pins, 1 expulsion block, 1 FEIN special cooling lubrication spray

## At a glance

- Flexible tool use and high concentricity precision through combination of QuickIN and MK 3 adaptors.
- Reversible.
- Two-gear drive and infinitely variable electronic speed reduction.
- Memory of the last selected speed with FEIN MEMORYFUNCTION.
- Electronic overload cut-out if the drilling pressure is too high for protection of motor and tool.
- MAGNETMONITORSYSTEM guarantees long service life of the magnetic coils.
- Dual dove-tail guide.
- Gravity cooling lubrication device for single-handed operating convenience.
- Infinitely variable stroke range setting.



### Tapping rapid change chuck

Size 2, with QuickIN adaptor, for tapping drills (DIN 374/376) in connection with tapping inserts with or without slipping clutch M 6 - M 16



**Order Reference** 9 26 02 079 01 0

### Extension

for core drills, with QuickIN adaptor, for use on confined, deep, or layered surfaces, through holes possible as of Ø 36 mm. Length 100mm, incl. centring pin



**Order Reference** 6 31 06 016 01 0

### Contact and swarf protection

prevents unwanted contact with rotating parts and increases passive safety. Also fits FEIN core drilling units KBM 32 Q and KBM 50 Q



**Order Reference** 6 39 01 037 01 0

### High-performance cutting oil spray

300 ml, for long tool life, optimum cutting/swarfing performance, improved swarf flow and reduction of the tool's susceptibility to corrosion. For working on walls and ceilings – without dripping and spraying. Contains no chlorine, CFCs, or mineral oil



**Order Reference** 3 21 32 029 00 0

pack of 6

**Order Reference** 3 21 32 029 01 0

### High-performance concentrated cooling lubricant

2.5 l, for long tool life, optimum cutting/swarfing performance, improved swarf flow and reduction of the tool's susceptibility to corrosion. High productivity, water-soluble, mixture ratio 1:20, for 50 l finished emulsion.



**Order Reference** 3 21 32 028 01 0



### Core drill with QuickIN adaptors

HM and HSS models from Ø 12 mm



### Tapping inserts

for tapping drills (DIN 374/376), also with safety coupling, from M 6 to M 16

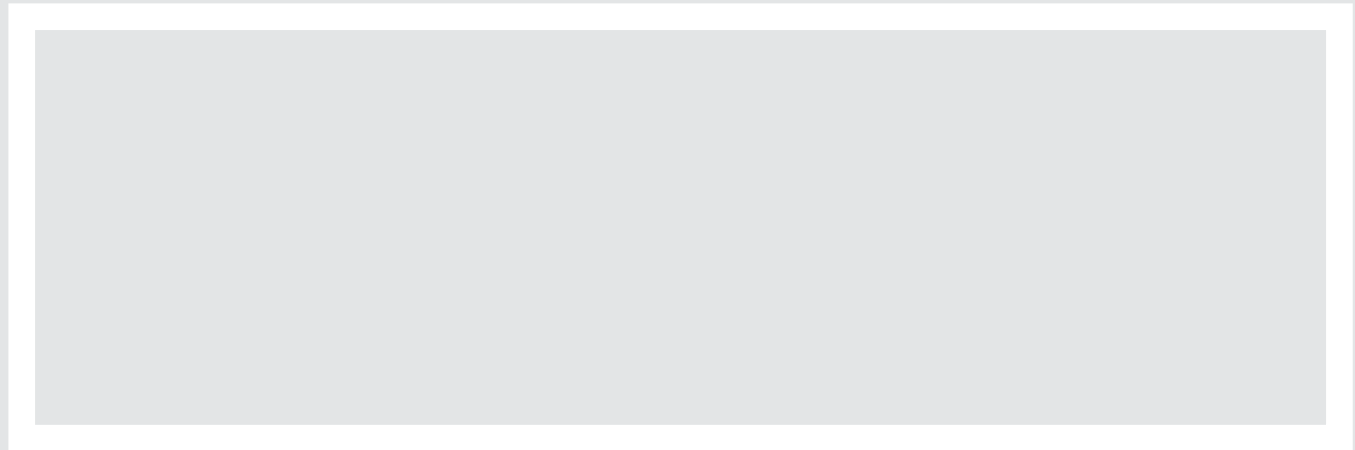


### Adaptor

for easy transfer of accessories of other fitting systems to the FEIN QuickIN rapid change system

Detailed information regarding the extensive accessory program is available upon request.

If you wish to have a demonstration of our tools, please contact your local FEIN dealer.



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