



CUTTER / CORE BIT




CARBIDE - TIPPED CUTTERS

HM ULTRA SPEED
Super fast




HM ULTRA
Extra longlasting




HSS CUTTERS


HSS DURA
Very shockproof



HSS NOVA
Resharpenable



HSS SPECIAL
Stacked materials



1. WHICH METAL NEEDS TO BE DRILLED?

METAL TYPES	MATERIAL EXAMPLES	TENSILE STRENGTH					
 Aluminum	AW-6060 3.3206	< 600 N/mm²	★★★★☆	★★★☆☆	★★★★☆	★★★★☆	★★★★☆
 Mild steel	S235 1.0038	< 600 N/mm²	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
	S355 1.0570	< 600 N/mm²	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
	S690 1.8928	< 900 N/mm²	★★★★★	★★★★★	★★★★☆	★★★☆☆	★★★☆☆
	S960 1.8933	< 1.200 N/mm²	★★★★☆	★★★★☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
 Stainless steel	304 (V2A) 1.4301	< 700 N/mm²	★★★★☆	★★★★☆	★★★★☆	★★★☆☆	★★★☆☆
	316 (V4A) 1.4401	> 700 N/mm²	★★★★☆	★★★★☆	★★★★☆	★★★☆☆	★★★☆☆
 Cast iron	GJL 0.6025 GJS 0.7040	< 400 N/mm²	★★★★☆	★★★★☆	☆☆☆☆☆	★★★☆☆	★★★☆☆
 Non-ferrous metal	Brass 2.0401	< 500 N/mm²	★★★★☆	★★★★☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆

2. WHAT IS THE SURFACE TEXTURE OF THE MATERIAL TO BE DRILLED?

 Flat / even	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
 Structured / ribbed	★★★★☆	★★★★☆	★★★★★	★★★★★	★★★☆☆
 Offset	★★★☆☆	★★★☆☆	★★★★☆	★★★★☆	★★★☆☆
 Round / curved	★★★★☆	★★★★☆	★★★★☆	★★★★☆	☆☆☆☆☆
 Drilling out bolts / rivets	★★★★★	★★★★★	★★★☆☆	★★★☆☆	☆☆☆☆☆

3. WHAT OTHER REQUIREMENTS SHOULD BE CONSIDERED?

 Duration of operability	★★★★★	★★★★★	★★★★☆	★★★☆☆	★★★☆☆
 Resharpenable	★★★☆☆	★★★☆☆	★★★★☆	★★★★★	★★★★★
 Dry drilling	★★★★★	★★★★☆	★★★★☆	★★★☆☆	★★★☆☆
 Multi-layer drilling	★★★☆☆	★★★☆☆	★★★☆☆	★★★☆☆	★★★★★
 Overlapping drill holes	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★☆☆

4. WHAT CUTTER SHANK, CUTTING DEPTH, AND DIAMETER ARE REQUIRED?

Shank type	 3/4 in Weldon 19,05 mm	 Weldon 32 31,75 mm	 QuickIN 18 mm	Maximum performance for the highest demands HM ULTRA SPEED 	For tough every-day workshop use HM ULTRA 	Demanding applications in steel & stainless steel HSS DURA 	Attractive and durable on the construction-site HSS NOVA 	Drills stacked materials in one work step HSS SPECIAL 
Cutting depth	Pilot pin							
25 mm	82 mm (63134998300)	3/4 in Weldon	QuickIN	-	-	Ø 12-60 mm	Ø 12-60 mm	Ø 12-35 mm
		QuickIN		-	-	Ø 12-50 mm	Ø 12-50 mm	-
35 mm	100 mm (63134998310)	3/4 in Weldon	QuickIN	Ø 14-36 mm	Ø 12-60 mm	-	-	-
		QuickIN		-	Ø 12-65 mm	-	-	-
50 mm	100 mm (63134998310)	3/4 in Weldon	QuickIN	-	Ø 12-65 mm	Ø 12-60 mm	Ø 12-60 mm	Ø 12-50 mm
		QuickIN		-	-	Ø 12-50 mm	Ø 12-50 mm	-
75 mm	125 mm (63134998330)	Weldon 32	QuickIN	-	Ø 50-110 mm	-	-	-
		QuickIN		-	Ø 18-65 mm	-	Ø 19-60 mm	-
100 mm	158 mm (30217366010)	3/4 in Weldon	QuickIN	-	Ø 18-65 mm	-	-	-
	184 mm (30217362010)	Weldon 32		-	Ø 50-110 mm	-	Ø 21-50 mm	-

5. THE RIGHT FEIN MAGNETIC CORE DRILL FOR YOUR CUTTER:

EXPERIENCE WHAT IS POSSIBLE WHEN EVERYTHING WORKS TOGETHER PERFECTLY!

With FEIN, you not only get high-quality cutters, but also a precisely tailored and perfectly matched magnetic core drill to partner them.
The perfect system for outstanding core drilling results.

HM ULTRA SPEED + KBE 36 MAGSPEED



Halves previous drilling times

HM ULTRA + KBM 50 AUTO QW



Cost savings when drilling large volumes

HSS DURA + KBE 32



For perfect results in steel construction

HSS NOVA + KBU 35 QW



Enduring in workshop and construction-site

HSS SPECIAL + KBC 36 MAGFORCE




Ideal for modifications to existing structures

MAGNETIC CORE DRILL




ENDURANCE

Optimized for intensive core drilling



UNIVERSAL

Versatile all-round talents with reverse and electronic speed setting



COMPACT

For drilling work in confined spaces















AUTOMATIC

Fully automated core drilling











1. WHAT DRILLING APPLICATIONS ARE REQUIRED?					
 Core drilling	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
 Twist drilling	★★★★☆	★★★★★	★★★★☆	★★★★★	★★★★★
 Tapping	☆☆☆☆☆	★★★★★	★★★★☆	★★★★★	★★★★★
 Countersinking	☆☆☆☆☆	★★★★★	★★★★☆	★★★★★	★★★★★
 Reaming	☆☆☆☆☆	★★★★★	☆☆☆☆☆	★★★★★	★★★★★
2. WHAT OTHER REQUIREMENTS SHOULD BE CONSIDERED?					
 Fast working	★★★★★	★★★★☆	★★★★☆	★★★★☆	★★★★☆
 High user protection	★★★★☆	★★★★☆	★★★★★	★★★★★	★★★★★
 Reaching confined spaces	★★★★☆	★★★☆☆	★★★★★	★★★☆☆	★★★☆☆
 Comfortable core drilling	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
 Calculable drilling times	★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
 Large number of drill holes	★★★★★	★★★★☆	★★★★★	★★★★☆	★★★★★
3. UP TO WHICH DIAMETER RANGE DO YOU NEED TO CORE DRILL?					
 ≤ Ø 36 mm	★★★★★	★★★★★	★★★★☆	★★★★★	★★★★☆
 > Ø 36 mm	☆☆☆☆☆	☆☆☆☆☆	★★★★★	☆☆☆☆☆	★★★★★

4. WHICH FEIN MAGNETIC CORE DRILL IS THE RIGHT FOR YOU?						
<div>CUTTER HOLDER / SHANK TYPE</div> <div> 3/4 in Weldon 19,05 mm</div>	<div> CORDLESS</div> <div> Powered by BOSCH</div>	-	<div> Cordless all-rounder AKBU 35 PMQW* Ø 35 mm / 12,2 kg MT2 interface</div>	-	-	-
	<div> CORDED</div>	<div>Best value for money KBE 32 Ø 32 mm / 10,8 kg TOP SELLER</div> <div>Fast core drilling KBE 36 MAGSPEED Ø 36 mm / 11,0 kg</div>	<div> Compact all-rounder KBU 35 QW* Ø 35 mm / 10,7 kg TOP SELLER</div> <div>Holds without power supply KBU 35 PQW* Ø 35 mm / 12,5 kg Permanent magnet</div> <div>For MT2 insert tools KBU 35 MQW* Ø 35 mm / 10,7 kg MT2 interface</div> <div>Perfect twist drilling KBU 35-2 QW* Ø 35 mm / 11,1 kg Twist drilling with 1.600 min⁻¹</div>	<div> 315 mm stroke range KBM 50 UQW* Ø 50 mm / 14,0 kg MT3 interface</div> <div>Performance matters KBM 65 UQW* Ø 65 mm / 15,7 kg MT3 interface</div>	<div> 169 mm total height KBC 36 MAGFORCE Ø 36 mm / 8,5 kg TOP SELLER</div>	<div> Automatic drilling KBM 50 AUTO QW* Ø 50 mm / 16,2 kg MT3 interface TOP SELLER</div>
<div>Weldon 32</div> <div> 31,75 mm</div>	<div> CORDED</div>	-	-	<div>Biggest diameters KBU 110-4 M Ø 110 mm / 35 kg MT4 interface</div> <div></div>	-	-

*also available with FEIN QuickIN cutter holder:  AKBU 35 PMQ / KBU 35 Q / KBU 35 PQ / KBU 35 MQ / KBU 35-2 Q / KBM 50 Q / KBM 50 U / KBM 65 U / KBM 50 AUTO

5. THE RIGHT FEIN CUTTER FOR YOUR MAGNETIC CORE DRILL						
<div>EXPERIENCE WHAT IS POSSIBLE WHEN EVERYTHING WORKS TOGETHER PERFECTLY!</div>	<div>KBE 32 + HSS DURA</div> <div></div> <div>For perfect results in steel construction</div>	<div>KBE 36 + HM ULTRA SPEED</div> <div></div> <div>Halves previous drilling times</div>	<div>KBU 35 QW + HSS NOVA</div> <div></div> <div>Enduring in workshop and construction-site</div>	<div>KBM 50 UQW + HM ULTRA</div> <div></div> <div>Made for tough everyday workshop use</div>	<div>KBC 36 MAGFORCE + HSS SPECIAL</div> <div></div> <div>Ideal for modifications to existing structures</div>	<div>KBM 50 AUTO QW + HM ULTRA</div> <div></div> <div>Cost savings when drilling large volumes</div>