

► METAL

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



When precision is a daily requirement.

Powerful FEIN drills with maximum concentricity.





Drilling precision of the highest standard: both mains and battery-powered.

Over 115 years ago, FEIN revolutionised manual work by inventing the first electric hand drill. FEIN power tools continue to show these unique development skills and outstanding innovative ability to this day. Both mains and battery-powered versions of the BOP drills are available with identical output.

Every component is designed to deliver exceptional performance over an extremely long service life, allowing operators to complete professional drilling tasks accurately and quickly even under difficult working conditions. The concentricity of the machines makes it possible to achieve very precise results.



The benefits of FEIN at a glance:

- ▶ Stable torque motors delivering the same power with the mains and the battery-powered version.
- ▶ High concentricity for accurate drilling.
- ▶ Highly ergonomic and easy-to-use for fatigue-free operation in industry and manual trade applications.
- ▶ FEIN Li-ion high-capacity storage batteries for consistent performance and lengthy operation.
- ▶ Reliability and long service life – FEIN quality “Made in Germany”.

Drilling in metal



Fast work progress and optimum concentricity for high-precision jobs in the sensitive position.

Drilling in wood



100% performance and consistent speed guaranteed for very demanding work in the power position.

Drilling in composite materials



The drill's high speed also makes light work of drilling holes in composite materials.

Drilling out weld points



Highly accurate and fatigue-free work is greatly aided by the ergonomic design.

Tapping



Power-hungry jobs like thread cutting can be reliably performed thanks to the constantly high energy level. (Excluding BOP and ABOP6)

Stationary use



The standardised Euro collar means that all the drills can also be used for stationary work.

FEIN ABOP: unique endurance and power – with no cable.

With the maintenance-free and brushless FEIN EC motor and FEIN Li-ion technology, the ABOP models are as powerful as the BOP mains-powered drills. The 18 V Li-ion battery offers an ideal combination of high performance and low weight. It operates at extremely consistent speeds to deliver very efficient and powerful drilling, particularly for metal applications.

With the single-sheath drill chuck and the spindle lock, a one-handed tool change presents no problems. The metal gearbox housing and the high-quality metal quick-clamping drill chuck guarantee high concentricity. Thanks to the two-finger switch with acceleration electronics, the drill speed can be adjusted to fit the job in hand. With its excellent ergonomic design and the sensitive handle, the drill sits perfectly in the operator's hand and provides the ideal conditions for fatigue-free and efficient operation.

Precise

A high-quality single-sheath metal quick-clamping drill chuck with a self-tightening clamping jaw lock for permanent drilling accuracy.

Durable

Extremely robust and torsion-resistant metal gearbox housing for a uniquely long service life and durability.

Powerful

Very efficient, brushless no-maintenance 18V motor with good speed stability.

Practical

Tool changes are easy, requiring one hand thanks to the automatic spindle lock.

Long life

Fibre-glass reinforced motor housing for safe and quiet operation even under the toughest conditions.

Enduring



Maximum service life with 10 high-quality Li-ion battery cells. The individual cell monitoring feature protects the battery from overload and overheating.



The benefits of FEIN at a glance:

- ▶ Battery-powered drills operating with high concentricity to give accurate drilling.
- ▶ Highly efficient, no-maintenance, brushless motor with good speed stability.
- ▶ FEIN storage batteries with 10 high-current, high-capacity Li-ion cells that will not self-discharge.
- ▶ FEIN storage batteries with individual cell monitoring and capacity display.
- ▶ Outstanding ergonomics with the FEIN sensitive handle for fatigue-free continuous operation.
- ▶ Metal gearbox housing.
- ▶ Ø 43 mm Euro collar for stationary use.
- ▶ Supra SKE single-sheath metal quick-clamping drill chuck
- ▶ Automatic spindle lock.
- ▶ Acceleration electronics.
- ▶ Clockwise/anti-clockwise rotation.

Technical data

Model		ABOP 6	ABOP 10	ABOP 13-2
				
		Fast-running single-speed drill (battery-powered) with good speed stability, up to 6 mm in steel for metalworking.	Compact single-speed drill with speed stability (battery-powered), up to 10 mm in steel for on-site installation work.	Universal two-speed drill (battery-powered), up to 13 mm with ideal speed range for steel and stainless steel.
Drilling		▲▲	▲▲	▲▲
Tapping		–	▲▲	▲▲
Countersinking		▲	▲	▲▲
Hole Ø, steel	mm	6	10	13/10
Hole Ø, alu	mm	10	15	16/10
Hole Ø, stainless steel	mm	6	10	13/10
Hole Ø, wood	mm	20	30	37/27
Tapping	mm	–	M6	M10
Idling speed	rpm	0–3 350	0–1 250	0–580/0–1 760
Load speed	rpm	0–2 900	0–1 100	0–500/0–1 500
Torque [at max. output power]	Nm	4	11	24/8
Collar Ø	mm	43	43	43
Drill chuck clamping width	mm	0.5–10	1.5–13	1.5–13
Thread on the drill shaft	in	1/2"–20 UNF	1/2"–20 UNF	1/2"–20 UNF
Size L × W	mm	258 × 270	280 × 270	292 × 270
Width across corners	mm	23	23	23
Weight [according to EPTA]	kg	2.1	2.2	2.4
Battery voltage	V	18	18	18
Battery capacity	Ah	3.0	3.0	3.0
Order number		7 105 01 61	7 105 02 61	7 105 03 61

▲▲ very well suited ▲ suited • included

Included in price:

- 1 ABOP drill
- 2 Li-ion battery packs (3 Ah)
- 1 quick charger ALG 50
- 1 additional handle
- 1 plastic tool case



FEIN BOP: Full power, whenever you need it.

Equipped with a compact high-performance motor, the FEIN BOP mains-powered drills deliver very high torque even at lower speeds. The robust metal gearbox housing ensures that the drill shaft runs with optimum concentricity and enables precision drilling. An integrated spindle lock and single-sheath metal quick-clamping drill chuck guarantee that tools can be quickly and easily changed with just one hand.

As with the ABOP models, thanks to the two-finger switch with acceleration electronics, the drill speed can be adjusted perfectly to the job in hand. Furthermore, a robust 5 meter industrial cable also allows the operator to move around freely and flexibly.

Precise

A high-quality single-sheath metal quick-clamping drill chuck with a self-tightening clamping jaw lock for permanent drilling accuracy.

Durable

Extremely robust and torsion-resistant metal gearbox housing for a uniquely long service life and durability.

Powerful

FEIN high-performance motor with an extra-high copper content and a bandaged field coil for maximum performance and very long service life.

Practical

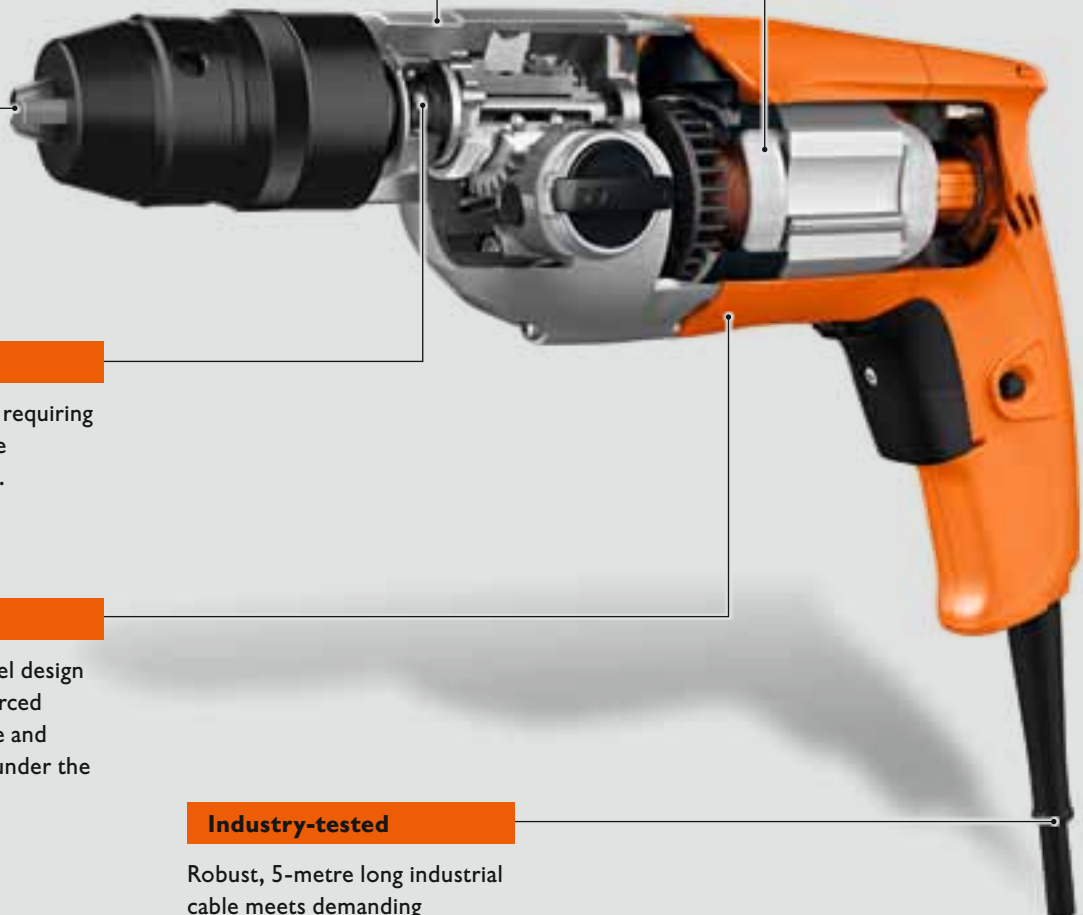
Tool changes are easy, requiring one hand thanks to the automatic spindle lock.

Long life

Torsion-resistant barrel design and a fibreglass-reinforced motor housing for safe and quiet operation even under the toughest conditions.

Industry-tested




Robust, 5-metre long industrial cable meets demanding operating requirements with considerably less wear.



The benefits of FEIN at a glance:

- ▶ Drills operating with high concentricity to give accurate drilling.
- ▶ FEIN high-power motor operates at constant speed with huge power reserves.
- ▶ Torsion-resistant barrel design for safe and quiet operation.
- ▶ Outstanding ergonomics with the FEIN sensitive handle for fatigue-free continuous operation.
- ▶ Metal gearbox housing.
- ▶ Ø 43 mm Euro collar for stationary use.
- ▶ Supra SKE single-sheath metal quick-clamping drill chuck.
- ▶ Automatic spindle lock.
- ▶ Acceleration electronics.
- ▶ Clockwise/anti-clockwise rotation.
- ▶ 5 m cable.

Technical data

Model		BOP 6	BOP 10	BOP 10-2	BOP 13-2
					
		Fast-running single-speed drill with good speed stability, up to 6 mm in steel for metalworking.	Compact single-speed drill with speed stability, up to 10 mm in steel for on-site installation work.	Universal two-speed drill up to 10 mm with ideal speed range for steel and stainless steel.	Universal two-speed drill up to 13 mm with ideal speed range for steel and stainless steel.
Drilling		▲▲	▲▲	▲▲	▲▲
Tapping		–	▲▲	▲▲	▲▲
Countersinking		▲	▲	▲▲	▲▲
Hole Ø, steel	mm	6	10	10/8	13/10
Hole Ø, alu	mm	10	15	16/10	16/10
Hole Ø, stainless steel	mm	6	10	10/8	13/10
Hole Ø, wood	mm	20	30	35/25	37/27
Tapping	mm	–	M6	M10	M10
Power consumption	W	500	500	500	550
Power output	W	270	270	270	300
Idling speed	rpm	0–4000	0–1500	0–700/0–2250	0–680/0–2220
Load speed	rpm	0–2700	0–900	0–460/0–1350	0–440/0–1300
Torque [at max. output power]	Nm	3.5	9	20/7	20/7
Collar Ø	mm	43	43	43	43
Drill chuck clamping width	mm	0.5–10	1.5–13	1.5–13	1.5–13
Thread on the drill shaft		1/2"–20 UNF	1/2"–20 UNF	1/2"–20 UNF	1/2"–20 UNF
Cable with plug	m	5	5	5	5
Size L×W	mm	258×164	280×164	292×164	292×164
Width across corners	mm	23	23	23	23
Weight [according to EPTA] kg		1.7	1.8	2.0	2.0
Order number		7 205 43 50	7 205 44 50	7 205 45 50	7 205 46 60
Order number incl. plastic tool case		7 205 43 51	7 205 44 51	7 205 45 51	7 205 46 61

Included in price:

- 1 BOP drill
- 1 additional handle

on request:

- 1 plastic tool case



▲▲ very well suited ▲ suited • included

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FEIN – the specialist for resilient power tools.

FEIN is the specialist for professional and extremely reliable power tools and special solutions for metal, interior and automotive applications. As the inventor of the electric hand drill, FEIN has been developing innovative and unbeatably efficient solutions for everyday use which can also stand up to the toughest continuous use in industry and trade for over 140 years.



Make the most of the 3-year FEIN PLUS warranty We offer the 3-year FEIN PLUS warranty for all your FEIN power tools. All you need to do is register your new FEIN power tool at www.fein.com/warranty within 6 weeks of purchase.

If you have any further questions, your specialist dealer will be happy to help.

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