



FEIN metal catalogue 2018/19



**“WE SHAPE THE FUTURE –
AND HAVE BEEN DOING SO FOR
MORE THAN 150 YEARS.”**



POWER TOOLS FROM THE INVENTOR OF THE ELECTRIC HAND DRILL

FEIN is the specialist for professional and extremely reliable power tools and special solutions in the metal sector. 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 150 years.



1867

W. E. Fein founded the company when he was 25 years old.



1867-1895

Numerous pioneering inventions in all areas of electrical engineering were developed at FEIN. W. E. Fein was very well-known in the sector. T.A. Edison requested a catalogue from FEIN back in 1879.



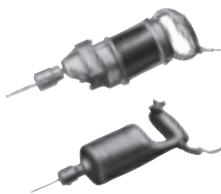
1895

The world's first power tool was a FEIN drill.



1909

The company specialised in the development and production of power tools – FEIN introduced the first magnetic drill.



1919

Ergonomics have always been a concern – spade and gun handles became popular.



1933

Launch of a jigsaw for processing sheet metal in the automotive industry and aircraft construction.

1925

The 100 000th tool produced was a FEIN hammer.

1954

High-frequency power tools make industrial work possible under the toughest conditions. FEIN and its high-frequency angle grinders have been in on the action since the start.



1956

The first drill with patented plastic housing.



1967

The FEIN plaster cast saw was the first oscillating multi-tool.



1987

Work became much safer with the world's first angle grinder with brake, developed by FEIN to protect the user.



2005

FEIN's metalworking range is being extended to include belt grinders, produced under the GRIT by FEIN brand.



2011

FEIN launched the first hand-guided metal core drilling system. It combined a hand drill with carbide-tipped core bits.




2013

Development of the first 4-speed drill/driver.



2016

FEIN set the Starlock interface as the new standard for oscillating multi-tools.



FEIN – THE RELIABLE PARTNER FOR HIGH-QUALITY POWER TOOLS AND ACCESSORIES.

THE CAREFREE ASSISTANT FOR THE MOST EXACTING STANDARDS.

All FEIN power tools are designed for applications in the metal sector. Through a perfect combination of high-quality components, they are a well thought-out overall construction, guaranteeing a long service life and robustness. FEIN specialists working at the company headquarters in Schwäbisch Gmünd-Bargau develop and produce the power tools themselves. More than 90 percent of products are manufactured in-house – for FEIN, this is what “Made in Germany” means.

BENEFIT FROM OUR EXPERIENCE.

In addition to our office and field staff providing expert and one-to-one advice, we attach great importance to the sharing of practical knowledge. To discover whether FEIN power tools are right for you, you can test them on-site – under the toughest of conditions. After all, that’s precisely what FEIN’s professional power tools are designed for.



AT HOME AROUND THE GLOBE.

With 16 subsidiaries and 50 FEIN representations, we provide competent advice, a rapid service and one-to-one support around the globe.

WE'RE THERE FOR YOU.

Open communication with our customers is important to us because we aim to achieve a dialogue focused on solutions and service. Choose how you want to make contact with us. Whether you opt for our field service, website, service team or social media – we look forward to hearing from you and answering any questions you may have.



YOU'RE IN GOOD HANDS AFTER MAKING YOUR PURCHASE TOO. YOU CAN RELY ON FEIN.

FEIN power tools are subject to tough practical testing before they are launched. You and a multitude of users in various sectors worldwide benefit from our state-of-the-art tools. Not only does this make us proud, we also firmly believe that our products give users reliable power tools that they will continue to use for years to come.

3-YEAR FEIN PLUS WARRANTY

FEIN products meet the most exact quality standards, so we provide you with a three-year warranty for free. All you have to do is register your FEIN product. You can obtain detailed information about the scope of the 3-year FEIN Plus warranty directly from us or from your FEIN dealer.

3 YEAR
FEIN PLUS
WARRANTY

Taking out the 3-year FEIN PLUS:

- ▶ Register your new FEIN power tool (including Li-ion batteries and chargers) online within six weeks of purchase.
- ▶ You will be immediately provided with a warranty certificate which confirms the 3-year FEIN PLUS warranty.

www.fein.com/warranty

REPAIRS AND SPARE PARTS SERVICE

Should anything go wrong, we provide a central partner to provide competent and rapid assistance:

- ▶ We pick up the devices free of charge at a time to suit.
- ▶ Short throughput times.
- ▶ Binding quotations provided.
- ▶ Functional and electrical safety check.
- ▶ On request, inspection plates in accordance with DGUV specification 3.
- ▶ Repair work is guaranteed for twelve months.
- ▶ Spare parts are available for at least eight years after the end of production.

Find your local FEIN partner online too with the FEIN dealer search.

MADE FOR METAL.





SANDING

10

Compact angle grinders	16	Die Grinders	40	High frequency die grinders	58
Angle Grinders	34	High frequency angle grinders	52		

GRINDING STAINLESS STEEL

64

Compact angle grinders	72	Pipe sander	73	Belt file	75
Angle Polishers	72	Fillet weld grinder	74		

BELT GRINDING

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Hand-guided belt grinding	86	GRIT GI	96
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CORE DRILLING

116

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160

Drills	166	Drill jigs/magnetic drill jigs	182	Metal screw gun	207
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CUTTING / SAWING

210

Slitting shears	214	Nibblers	222	Pipe Saws	234
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BRILLIANT ALL ROUND. THE FEIN 18 V CORDLESS RANGE.

The FEIN 18 V cordless range offers maximum freedom and flexibility for everyday work. Powerful and reliable cordless tools without any drop in performance guarantee continually good work progress thanks to the very latest battery technology. Precise and economical results – FEIN's cordless range is optimised for all applications, delivering the right solution for every job.

LED lamp

SUPERCUT

MULTIMASTER

Slitting shears

Sheet metal shears

Nibblers

Angle grinder

Die grinder

1

High

HighPower

Core drills

Maximum power when combined
with the FEIN HighPower storage
battery!

Rotary hammer drill

Drywall screw gun

Metal screw gun

Angle drill

Thread drill

Drill

4-speed drill/driver

2-speed (impact) drill/driver

Impact wrench/driver

8V

POWER

SANDING



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Three equipment lines, the same unbeatable quality - the right angle grinder for every job. 16

ANGLE GRINDERS

Outstanding performance, palpable comfort and optimum safety. Angle grinder for tough sanding and cutting work. 34

DIE GRINDERS

The specialist tools for use in metal working, for grinding, brushing, deburring and polishing. 40

HIGH FREQUENCY ANGLE GRINDERS

The specialists in continuous use when cutting and roughing-down under tough environmental conditions. 52

HIGH FREQUENCY DIE GRINDERS

The specialists in continuous use when sanding and deburring under tough environmental conditions. 58

SANDING

SANDING WITH FEIN: ALL THE BENEFITS AT A GLANCE.

**VERY EXTENSIVE
RANGE – FROM
ROUGH SANDING
TO MIRROR POLISH.**

Through our wide range of products covering everything from compact angle grinders and high-frequency grinders to die grinders, we offer both hand-guided and stationary tools of between 350 and 3700 W, for applications large and small.

**FOR VERY
HEAVY-DUTY USE.**

The high copper content of the motor gives the angle grinders great torque stability and makes them very powerful. They are therefore designed for removing a lot of material, great work progress and a very long service life.

CUSTOMISED FOR YOUR REQUIREMENTS.

Especially for machining stainless steel, FEIN provides various machining options which are configured perfectly for this application. In terms of belt grinding, the GRIT by FEIN systems provide modular solutions: They can be used flexibly for everything from sanding to volume production and thereby guarantee great cost-effectiveness.

CUTTING, DEBURRING, GRINDING, ROUGHING-DOWN: ANGLE AND DIE GRINDERS FROM FEIN.

Precise and cost-effective results thanks to a perfectly matched tool. FEIN provides angle and die grinders in all performance classes – from 350 to 3700 W. For grinding discs with a diameter of between 115 and 230 mm. Both light- and heavy-duty cutting and grinding work is handled with ease and removes large amounts of material.



COMPACT ANGLE GRINDERS



- ▶ For sanding, cutting and deburring work.
- ▶ Disc diameter 115 to 150 mm.
- ▶ Compact design: easy-to-use and ergonomic.



ANGLE GRINDERS



- ▶ For heavy-duty cutting and grinding work.
- ▶ Very powerful.
- ▶ Disc diameter 180 to 230 mm.



DIE GRINDERS



- ▶ For milling, sanding, deburring and polishing work.
- ▶ Perfect for working in hard-to-reach places.



HIGH FREQUENCY ANGLE GRINDERS



- ▶ For heavy-duty cutting, sanding and brushing work, in industrial use too.
- ▶ Cost-effective: less wear on tools during continuous use.
- ▶ For maximum power that lasts with high power reserves.



HIGH FREQUENCY DIE GRINDERS



- ▶ For heavy-duty scrubbing and deburring work.
- ▶ Perfect for working in hard-to-reach places.
- ▶ Cost-effective for industrial use: little wear on tools during continuous use.
- ▶ For maximum power that lasts with high power reserves.



THE RIGHT SOLUTION FOR EVERY APPLICATION.

APPLICATION/ FUNCTIONALITY	COMPACT ANGLE GRINDER	ANGLE GRINDER	DIE GRINDER	HIGH-FREQUENCY ANGLE GRINDER	HIGH-FREQUENCY DIE GRINDER
Roughing down	▲▲	▲▲	▲▲	▲▲	▲▲
Deburring	▲	▲	▲	▲	▲
Dividing	⦿	▲▲	▲	▲	-
Brushing	▲▲	▲	⦿	⦿	⦿
Sanding	▲▲	-	▲	-	-
Satin-finishing	▲▲**	-	▲▲*	-	▲▲*
Polishing	▲**	-	▲▲*	-	-
Cutting	-	-	▲▲*	-	▲
EQUIPMENT					
Blockage monitoring	⦿	-	-	-	-
“AutoStop” dead man’s switch	⦿	+	-	-	-
Electronic speed preselection	⦿	-	⦿	-	-
Brake	⦿	⦿	-	-	-
PAGE	16	34	40	52	58

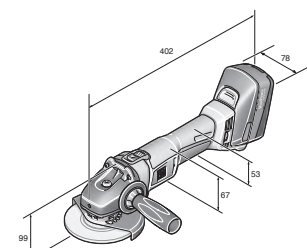
▲▲ very suitable ▲ suitable ⦿ available with some tools + optional

* in manual tool mode only
** only available for tools with manual speed preselection

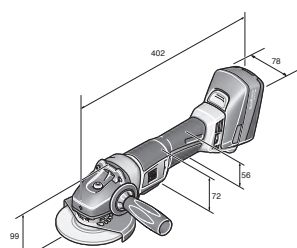
CORDLESS ANGLE GRINDER

Grinding disc Ø mm	Page	Application							Brake
		Roughing-down	Deburring	Drivding	Brushing	Satin-fishing	Polishing		
115	CCG 18-115 BL Dust-resistant and powerful, compact cordless angle grinder for effective cutting, grinding and deburring work in assembly jobs.	20	▲	▲▲	▲▲	▲	▲▲	▲▲	●
	CCG 18-115 BLPD Dust-resistant and powerful, compact cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in assembly jobs.	22	▲	▲▲	▲▲	▲	▲▲	▲▲	●
125	CCG 18-125 BL Dust-resistant and powerful, compact cordless angle grinder for effective cutting, grinding and deburring work in assembly jobs.	21	▲	▲▲	▲▲	▲	▲▲	▲▲	●
	CCG 18-125 BLPD Dust-resistant and powerful, compact cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in assembly jobs.	23	▲	▲▲	▲▲	▲	▲▲	▲▲	●

▲▲ optimal suitability ▲ suitability ● included ** Maximum performance with FEIN HighPower Li-ion battery.



CCG 18-115 BL
CCG 18-125 BL



CCG 18-115 BLPD
CCG 18-125 BLPD

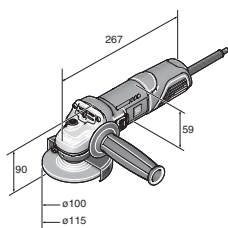


Equipment							Technical data						
Soft start	Restart protection	Blockage monitoring	Electronic overload protection	Electronic speed preselection	AutoStop dead man's switch		Battery voltage V	Battery capacity Ah	Battery compatibility	Battery interface	Elast. Backing pad Ø mm	Weight with battery kg	Weight without storage battery kg
•	•	•	•	•			18	5,2	Li-ion/ HighPower Li-ion**	MultiVolt	115	2,70	1,95
•	•	•	•	•	•		18	5,2	Li-ion/ HighPower Li-ion**	MultiVolt	115	2,70	1,95
•	•	•	•	•			18	5,2	Li-ion/ HighPower Li-ion**	MultiVolt	125	2,70	1,95
•	•	•	•	•	•		18	5,2	Li-ion/ HighPower Li-ion**	MultiVolt	125	2,70	1,95

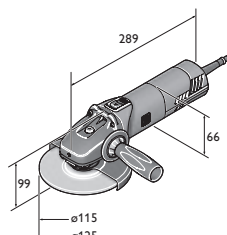
COMPACT ANGLE GRINDERS

Grinding disc Ø mm	Page	Application								
		Roughing-down	Deburring	Driveling	Brushing	Satin-finishing	Polishing			
115	WSG 7-115	Ergonomic 700 W compact angle grinder for light-duty sanding and cutting.	25	▲	▲	▲				
	WSG 8-115	Ergonomic 800 W compact angle grinder for deburring, sanding and cutting.	25	▲	▲▲	▲	▲			
125	WSG 8-125	Ergonomic 800 W compact angle grinder for deburring, sanding and cutting.	25	▲	▲▲	▲	▲			
	WSG 11-125	Ergonomic 1 100 W compact angle grinder for deburring, sanding and cutting.	26	▲▲	▲	▲▲	▲▲			
	WSG 11-125 RT	Ergonomic 1 100 W compact angle grinder with FEIN ErgoGrip for fatigue-free working.	26	▲▲	▲	▲▲	▲			
	WSG 12-125 P	Ergonomic 1 200 W compact angle grinder with high power reserve for effective sanding and cutting.	26	▲▲	▲	▲▲	▲▲			
	WSG 15-125 P	Ergonomic 1 500 W compact angle grinder with high power reserve for effective sanding and cutting.	27	▲▲	▲	▲▲	▲▲			
	WSG 15-125 PR	Ergonomic 1 500 W compact angle grinder with high power reserve for effective sanding and cutting.	28	▲▲	▲	▲▲	▲▲			
	WSG 15-125 PRT	Ergonomic 1 500 W compact angle grinder with high power reserve for effective sanding and cutting.	28	▲▲	▲	▲▲	▲▲			
	WSG 17-125 P	Ergonomic compact angle grinder with high power reserve for effective sanding and cutting.	28	▲▲	▲	▲▲	▲▲			
	WSG 17-125 PS	The specialist tool for serrated and fibre discs with extra high torque.	29	▲▲	▲	▲	▲			
	WSG 17-70 Inox	The specialist tool with variable speed for stainless steel processing.	30	▲▲	▲	▲	▲	▲▲	▲	
	WSG 17-125 PR	Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.	31	▲▲	▲	▲▲	▲▲			
	WSG 17-125 PRT	Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.	31	▲▲	▲	▲▲	▲▲			
	WSG 17-70 Inox R	Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working in stainless steel applications.	32	▲▲	▲	▲	▲	▲▲	▲	
	WSG 17-70 Inox RT	Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working in stainless steel applications.	32	▲▲	▲	▲	▲	▲▲	▲	
	MSfv 649-1	Long-necked angle grinder with spindle M 14 for working in difficult-to-reach areas.	32	▲▲	▲					
	150	WSG 17-150 P	Ergonomic compact angle grinder with high power reserve for effective sanding and cutting.	30	▲▲	▲	▲▲	▲▲		
WSG 17-150 PR		Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.	31	▲▲	▲	▲▲	▲▲			
WSG 17-150 PRT		Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.	32	▲▲	▲	▲▲	▲▲			

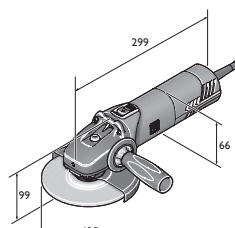
▲▲ optimal suitability ▲ suitability ● included



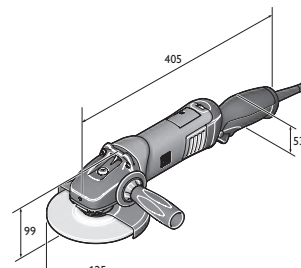
WSG 7-115



WSG 8-115
WSG 8-125
WSG 12-125 P

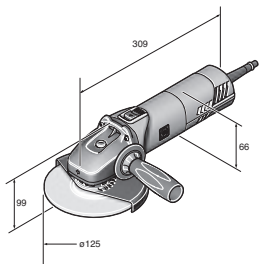


WSG 11-125
WSG 15-125 P
WSG 17-125 P

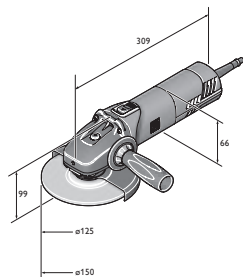


WSG 11-125 RT
WSG 15-125 PR
WSG 15-125 PRT
WSG 17-125 PR
WSG 17-125 PRT

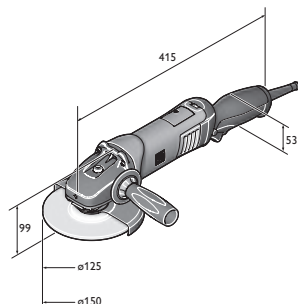
	Equipment							Technical data				
	POWERtronic tacho electronics	Soft start	Restart protection	Blockage monitoring	Electronic overload protection	Electronic speed preselection	AutoStop dead man's switch	Input W	Speed, no load rpm	Elast. Backing pad Ø mm	Flange	Weight according to EPTA kg
			•					760	12 500	115	M 14	1,70
			•					800	11 000	115	M 14	2,00
			•					800	11 000	125	M 14	2,00
			•	•				1 200	11 000	125	M 14	2,10
			•				•	1 100	11 000	125	M 14	2,40
	•	•	•	•	•			1 200	11 000	125	M 14	2,10
	•	•	•	•	•			1 500	11 000	125	M 14	2,30
	•	•	•	•	•			1 500	11 000	125	M 14	2,40
	•	•	•	•	•		•	1 500	11 000	125	M 14	2,40
	•	•	•	•	•			1 700	11 000	125	M 14	2,30
	•	•	•	•	•			1 700	8 500	125	M 14	2,40
	•	•	•	•	•	•		1 700	2 700 - 8 500	125	M 14	2,40
	•	•	•	•	•			1 700	11 000	125	M 14	2,40
	•	•	•	•	•		•	1 700	11 000	125	M 14	2,40
	•	•	•	•	•	•		1 700	2 700 - 8 500	125	M 14	2,50
	•	•	•	•	•	•	•	1 700	2 700 - 8 500	125	M 14	2,50
							•	750	12 000		M 14	4,00
	•	•	•	•	•			1 700	8 500	150	M 14	2,40
	•	•	•	•	•			1 700	8 500	150	M 14	2,60
	•	•	•	•	•		•	1 700	8 500	150	M 14	2,60



WSG 17-125 PS
WSG 17-70 Inox



WSG 17-150 P



WSG 17-150 PR
WSG 17-150 PRT
WSG 17-70 Inox R
WSG 17-70 Inox RT

CORDLESS COMPACT ANGLE GRINDER



Very long service life:

Thanks to the fully enclosed motor housing, the motor is protected from aggressive ceramic and mineral dusts.



For many applications:

Depending on the tool variant, the speed can be electronically preselected in an infinitely variable manner - and matched perfectly to many grinding materials.

CCG 18-115 BL



For accessories, see page 33

Supplied

2 x battery packs (HighPower Li-ion), 1 rapid charger ALG 50, 1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery capacity	Ah	5,2
Battery compatibility		Li-ion / HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	115
Elast. Backing pad Ø	mm	115
Flange		M 14
Weight with battery	kg	2,70
Weight without storage battery	kg	1,95

Part number 7 120 01 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ Bright working area thanks to integrated LED light.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ Stackable tool case made from sturdy plastic and space for abrasive materials and accessories.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.



CCG 18-115 BL SELECT

FEIN SELECT⁺



For accessories, see page 33

Supplied

1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	115
Elast. Backing pad Ø	mm	115
Flange		M 14
Weight without storage battery	kg	1,95

Part number 7 120 01 62

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
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- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ Bright working area thanks to integrated LED light.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

CCG 18-125 BL



For accessories, see page 33

Supplied

2 x battery packs (HighPower Li-ion), 1 rapid charger ALG 50, 1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery capacity	Ah	5,2
Battery compatibility		Li-ion/ HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Weight with battery	kg	2,70
Weight without storage battery	kg	1,95

Part number 7 120 02 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
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- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ Bright working area thanks to integrated LED light.
- ▶ The battery charge can be read off the battery.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

CCG 18-125 BL SELECT

FEIN SELECT⁺



For accessories, see page 33

Supplied

1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Weight without storage battery	kg	1,95

Part number 7 120 02 62

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ Bright working area thanks to integrated LED light.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

CCG 18-115 BLPD



For accessories, see page 33

Supplied

2 x battery packs (HighPower Li-ion), 1 rapid charger ALG 50, 1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery capacity	Ah	5,2
Battery compatibility		Li-ion / HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	115
Elast. Backing pad Ø	mm	115
Flange		M 14
Weight with battery	kg	2,70
Weight without storage battery	kg	1,95

Part number 7 120 03 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ 1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 key
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.



CCG 18-115 BLPD SELECT

FEIN SELECT⁺



For accessories, see page 33

Supplied

1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	115
Elast. Backing pad Ø	mm	115
Flange		M 14
Weight without storage battery	kg	1,95

Part number 7 120 03 62

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ 1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 keyFatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18 V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

CCG 18-125 BLPD



For accessories, see page 33

Supplied

2 x battery packs (HighPower Li-ion), 1 rapid charger ALG 50, 1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery capacity	Ah	5,2
Battery compatibility		Li-ion/ HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Weight with battery	kg	2,70
Weight without storage battery	kg	1,95

Part number 7 120 04 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ 1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 keyFatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18 V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

COMPACT ANGLE GRINDERS

CCG 18-125 BLPD SELECT

FEIN SELECT⁺



For accessories, see page 33

Supplied

1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key, 1 plastic carrying case

Dust-resistant and powerful, compact cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in assembly jobs.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion**
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 500 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Weight without storage battery	kg	1,95

Part number 7 120 04 62

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, re-start protection, electronic overload protection and brake.
- ▶ 1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 keyFatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Safety hood, which can be adjusted without the use of tools, and quick-clamping nuts make for short setup times.
- ▶ Bright working area thanks to integrated LED light.
- ▶ Stackable tool case made from sturdy plastic and space for abrasive materials and accessories.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

COMPACT ANGLE GRINDERS



Even work progress:

FEIN angle grinders have power reserves: They deliver good results with a constant cutting speed and rotational speed – even under load.



FEIN ErgoGrip:

The ergonomic handle ensures maximum contact between hand and tool, even when wearing gloves, so force is converted perfectly into work progress.



WSG 7-115



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Ergonomic 700 W compact angle grinder for light-duty sanding and cutting.

Input	W	760
Output	W	420
Speed, no load	rpm	12 500
Grinding disc Ø	mm	115
Elast. Backing pad Ø	mm	115
Flange		M 14
Cable with plug	m	2,5
Weight according to EPTA	kg	1,70

Part number	7 221 98 60
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BENEFITS OF USE

- ▶ Perfect ergonomics thanks to lateral slide switch and small grip dimension.
- ▶ Fatigue-free working thanks to low weight.
- ▶ Solid metal gearbox head can be turned in 90° steps for maximum robustness and service life and very good access to difficult-to-reach spots.

PRODUCT FEATURES

- ▶ Enhanced safety through integrated restart protection.
- ▶ Solid metal gearbox head.

WSG 8-115



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Ergonomic 800 W compact angle grinder for deburring, sanding and cutting.

Input	W	800
Output	W	520
Speed, no load	rpm	11 000
Grinding disc Ø	mm	115
Elast. Backing pad Ø	mm	115
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,00

Part number	7 221 73 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Solid metal gearbox head for maximum robustness and service life.
- ▶ The lightest model of its kind.

PRODUCT FEATURES

- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.
- ▶ Safety hood can be adjusted without tools and has anti-twist protection.
- ▶ Spindle lock.
- ▶ Enhanced safety through integrated restart protection.

WSG 8-125



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Ergonomic 800 W compact angle grinder for deburring, sanding and cutting.

Input	W	800
Output	W	520
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,00

Part number	7 221 74 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Solid metal gearbox head for maximum robustness and service life.
- ▶ The lightest model of its kind.

PRODUCT FEATURES

- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.
- ▶ Safety hood can be adjusted without tools and has anti-twist protection.
- ▶ Spindle lock.
- ▶ Enhanced safety through integrated restart protection.
- ▶ Solid metal gearbox head.

WSG 11-125



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Ergonomic 1100 W compact angle grinder for deburring, sanding and cutting.

Input	W	1 100
Output	W	650
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 221 77 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Solid metal gearbox head for maximum robustness and service life.
- ▶ The lightest model of its kind.

PRODUCT FEATURES

- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.
- ▶ Safety hood can be adjusted without tools and has anti-twist protection.
- ▶ Spindle lock.
- ▶ Enhanced safety through integrated restart protection.

WSG 11-125 RT



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Ergonomic 1 100 W compact angle grinder with FEIN ErgoGrip for fatigue-free working.

Input	W	1 100
Output	W	700
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 221 87 60
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BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Solid metal gearbox head for maximum robustness and service life.

PRODUCT FEATURES

- ▶ AutoStop dead man's switch
- ▶ The lightest model of its kind.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.
- ▶ Safety hood can be adjusted without tools and has anti-twist protection.

WSG 12-125 P



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 key

Ergonomic 1200 W compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 200
Output	W	650
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 221 75 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.



WSG 12-125 PQ



For accessories, see page 33

Supplied

1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key

Ergonomic 1200 W compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 200
Output	W	650
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 221 76 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 15-125 P



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 key

Ergonomic 1500 W compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 500
Output	W	900
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,30

Part number	7 221 78 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 15-125 PQ



For accessories, see page 33

Supplied

1 wheel guard, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key

Ergonomic 1500 W compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 500
Output	W	900
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,30

Part number	7 221 79 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 15-125 PR



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic 1500 W compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 500
Output	W	900
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 221 90 60
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BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 15-125 PRT



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic 1500 W compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 500
Output	W	900
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 221 91 60
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BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ AutoStop dead man's switch
- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-125 P



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,30

Part number	7 222 07 60
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BENEFITS OF USE

- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.



WSG 17-125 PQ



For accessories, see page 33

Supplied

1 wheel guard, 1 Inner flange, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,30

Part number	7 222 08 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-125 PS



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 anti-vibration handle, 1 key

The specialist tool for serrated and fibre discs with extra high torque.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 09 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Optimum speed and high torque, specially for serrated and fibre discs.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Blockage monitoring.
- ▶ Restart protection.
- ▶ Soft start.
- ▶ Electronic overload protection.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-125 PSQ



For accessories, see page 33

Supplied

1 wheel guard, 1 Inner flange, 1 Fixtec tool-free quick-clamping nut, 1 anti-vibration handle, 1 key

The specialist tool for serrated and fibre discs with extra high torque.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 10 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Optimum speed and high torque, specially for serrated and fibre discs.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Blockage monitoring.
- ▶ Restart protection.
- ▶ Soft start.
- ▶ Electronic overload protection.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-150 P



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	8 500
Grinding disc Ø	mm	150
Elast. Backing pad Ø	mm	150
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 11 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-150 PQ



For accessories, see page 33

Supplied

1 wheel guard, 1 Inner flange, 1 Fixtec
tool-free quick-clamping nut, 1 anti-vibration
handle, 1 key

Ergonomic compact angle grinder with high power reserve for effective sanding and cutting.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	8 500
Grinding disc Ø	mm	150
Elast. Backing pad Ø	mm	150
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 12 60
--------------------	--------------------

BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-70 INOX



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

The specialist tool with variable speed for stainless steel processing.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	2 700 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	222 13 60
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BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Variable speed allows various tools to be used for applications ranging from satin-finishing to sanding stainless steel.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Blockage monitoring.
- ▶ Restart protection.
- ▶ Soft start.
- ▶ Electronic overload protection.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.



WSG 17-125 PR



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 18 60
--------------------	--------------------

BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-125 PRT



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	11 000
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 19 60
--------------------	--------------------

BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ AutoStop dead man's switch
- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-150 PR



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	8 500
Grinding disc Ø	mm	150
Elast. Backing pad Ø	mm	150
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,60

Part number	7 222 20 60
--------------------	--------------------

BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ The best vibration performance in its class.
- ▶ H 07 industrial cable.

WSG 17-150 PRT



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	8 500
Grinding disc Ø	mm	150
Elast. Backing pad Ø	mm	150
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,60

Part number	7 222 21 60
--------------------	--------------------

BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ AutoStop dead man's switch
- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-70 INOX R



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working in stainless steel applications.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	2 700 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,50

Part number	7 222 22 60
--------------------	--------------------

BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ The best vibration performance in its class.
- ▶ H 07 industrial cable.

WSG 17-70 INOX RT



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

Ergonomic compact angle grinder with FEIN ErgoGrip for fatigue-free working in stainless steel applications.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	2 700 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,50

Part number	7 222 23 60
--------------------	--------------------

BENEFITS OF USE

- ▶ FEIN ErgoGrip - Unique ergonomic concept for fatigue-free working (patent pending).
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.

PRODUCT FEATURES

- ▶ AutoStop dead man's switch
- ▶ The lightest model of its kind.
- ▶ Solid metal gearbox head.
- ▶ The best vibration performance in its class.
- ▶ H 07 industrial cable.

MSFV 649-1



For accessories, see page 33

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys

Long-necked angle grinder with spindle M 14 for working in difficult-to-reach areas.

Input	W	750
Output	W	480
Speed, no load	rpm	12 000
Grinding disc Ø	mm	125
Flange		M 14
Cable with plug	m	5
Weight according to EPTA	kg	4,00

Part number	7 221 31
--------------------	-----------------

BENEFITS OF USE

- ▶ Very flat drive head to plunge a long way into work-pieces.
- ▶ Safe and comfortable handling thanks to convenient handle positions.

PRODUCT FEATURES

- ▶ Wheel guard with protection against twisting.
- ▶ AutoStop dead man's switch



GENERAL ACCESSORIES



Tool case
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box
Box insert with lockable lid for
small parts and accessories, suitable
for tool box 3 39 01 118 01 0,
max 5 items/box.

Part number
3 39 01 119 00 0



anti-vibration handle
M 8, vibration absorbing, to
reduce the vibrations during
longer jobs.

Part number
3 21 19 124 01 0



Quick-clamping nut
to change discs without need for
tool, low height of just 8 mm

Part number
6 38 02 191 01 0



Inner flange

Part number
6 38 01 182 01 0



Threaded flange
M 14, for flexible grinding/cutting
discs, fan-pattern grinding wheels
and round brush

Part number
6 38 02 052 00 0



Threaded flange
M 14, for elastic backing pad and
for twisted steel wire brush

Part number
6 38 01 154 00 7



Elastic backing pad
with flange M 14, for fibre sanding
sheets Ø 125 mm

Ø mm	Part number
125	6 38 06 087 01 3



Work gloves
Vibration-attenuating, certified
according to EN 388/420,
EN ISO 10819, EEC No. 0200,
No. in pack 1 pair

Size	Part number
9 L	3 21 73 003 00 3
10 XL	3 21 73 004 00 1
11 XXL	3 21 73 005 00 5



**Cordless ALED 12-18 V LED
lamp**
Compact and durable cordless
LED lamp with swivel-mounted
lamp head. Compatible with all
12 / 14 / 18 V FEIN Li-ion batter-
ies, including hook for attaching
the lamp. Extremely lightweight at
130 g and very bright at 900 Lux.
Colour temperature is the equiva-
lent of daylight. The brightness can
be set to 2 levels.

Part number
9 26 04 200 02 0



Quick charger ALG 50
For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number
9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion
batteries. Charge time from
25 min.

Part number
9 26 04 096 01 0

18 V BATTERY



HighPower battery pack
HighPower Li-ion battery with
cells capable of handling high cur-
rents, charge status indicator and
FEIN SafetyCell technology. Con-
tinually high power output with
75 % higher current rating than
a Li-ion battery. Recommended
for FEIN cordless magnetic core
drills and cordless angle grinders.
Can be used with all FEIN 18 V
cordless tools.

Capacity Ah	Part number
5,2	9 26 04 179 02 0



**HighPower battery starter
set**
2 x HighPower Li-ion batteries
with ALG 50 rapid charger.

Capacity Ah	Part number
5,2	9 26 04 307 01 0

PROTECTIVE COVERS



Wheel guard
for serrated and roughing discs

Ø mm	Part number
115	3 18 10 299 00 0
125	3 18 10 300 00 0
150	3 18 10 301 00 0



Safety hood for cutting work
for safe working with cutting
wheels

Ø mm	Part number
115	6 38 11 016 01 0
125	6 38 11 017 01 0
150	6 38 11 018 01 0

ACCESSORIES FOR MSFV 649-1



Tool case
metal 700 x 180 x 100 mm

Part number
3 39 01 021 01 1

Inner flange
for wheels Ø 125 mm

Part number
6 38 01 079 00 9

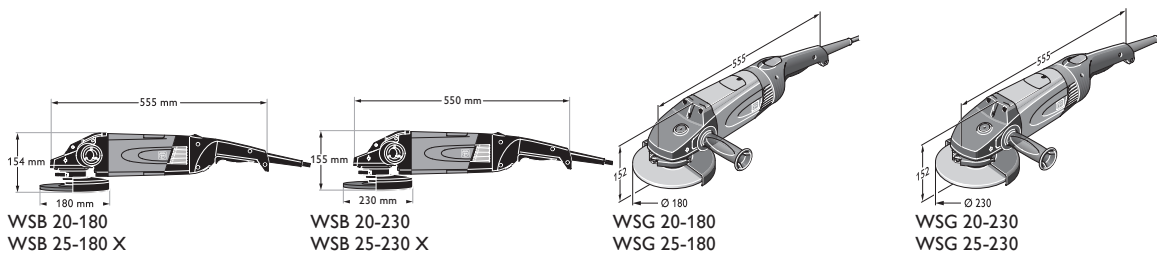
Threaded flange
M 14, for wheels up to 6 mm

Part number
6 38 02 084 00 9

ANGLE GRINDERS

Grinding disc Ø mm	Page	Application								
		Roughing-down	Deburring	Dividing	Brushing	Brake	Soft start	Restart protection		
180	WSB 20-180	Powerful safety angle grinder for grinding work.	36	▲▲	▲			●	●	●
	WSG 20-180	Powerful angle grinder for grinding work.	37	▲▲	▲	▲			●	●
	WSB 25-180 X	The most powerful FEIN safety angle grinder for extreme grinding work.	37	▲▲	▲			●	●	●
	WSG 25-180	The most powerful FEIN angle grinder for extreme grinding work.	38	▲▲	▲		▲		●	●
230	WSB 20-230	Powerful safety angle grinder for grinding and cutting work.	36					●	●	●
	WSG 20-230	Powerful angle grinder for grinding and cutting work.	37	▲▲	▲	▲			●	●
	WSB 25-230 X	The most powerful FEIN safety angle grinder for extreme cutting and grinding work.	38	▲	▲	▲▲		●	●	●
	WSG 25-230	The most powerful FEIN angle grinder for extreme cutting and grinding work.	38	▲	▲	▲▲			●	●

▲▲ optimal suitability ▲ suitability ● included + optional





Equipment			Technical data						
	AutoStop dead man's switch	FEIN high-power motor	Input W	Speed, no load rpm	Tool Holder	Mounting hole Ø mm	Elast. Backing pad Ø mm	Flange	Weight according to EPTA kg
+	•		2 000	8 500	QuickIN	22,23	180		5,90
+	•		2 000	8 500			180	M 14	5,60
+	•		2 500	8 500	QuickIN	22,23	180		6,50
+	•		2 500	8 500			180	M 14	6,30
+	•		2 000	6 600	QuickIN	22,23	230		5,90
+	•		2 000	6 600			230	M 14	5,60
+	•		2 500	6 600	QuickIN	22,23	230		6,70
+	•		2 500	6 600			230	M 14	6,30

ANGLE GRINDERS



For heavy-duty grinding work:

FEIN angle grinders deliver constant performance over the entire working area.

User protection:

FEIN angle grinders are available with many safety features, such as soft start, electric brake system and a rotary, ergonomic handle. You also benefit from the very best workplace protection.

WSB 20-180



For accessories, see page 39

Supplied

1 wheel guard, 1 clamp for flexible grinding/cutting discs, 1 additional handle

Powerful safety angle grinder for grinding work.

Input	W	2 000
Output	W	1 250
Speed, no load	rpm	8 500
Grinding disc Ø	mm	180
Tool Holder		QuickIN
Mounting hole Ø	mm	22,23
Elast. Backing pad Ø	mm	180
Weight according to EPTA	kg	5,90

Part number	7 221 05
--------------------	-----------------

BENEFITS OF USE

- ▶ FEIN high-power motor - effective material removal over the entire operating range.
- ▶ Complete safety package with electronic brake system (EBS), restart lock and soft start.
- ▶ Tool-free FEIN QuickIN clamping system safely clamps tools without a key.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety (7 221 05 29).

WSB 20-230



For accessories, see page 39

Supplied

1 wheel guard, 1 clamp for flexible grinding/cutting discs, 1 additional handle

Powerful safety angle grinder for grinding and cutting work.

Input	W	2 000
Output	W	1 250
Speed, no load	rpm	6 600
Grinding disc Ø	mm	230
Tool Holder		QuickIN
Mounting hole Ø	mm	22,23
Elast. Backing pad Ø	mm	230
Weight according to EPTA	kg	5,90

Part number	7 221 06
--------------------	-----------------

BENEFITS OF USE

- ▶ FEIN high-power motor - high sanding capacity over the full working range up to 150 % load.
- ▶ Complete safety package with electronic brake system (EBS), restart lock and soft start.
- ▶ Tool-free FEIN QuickIN clamping system safely clamps tools without a key.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety (7 221 06 29).



WSG 20-180



For accessories, see page 39

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Powerful angle grinder for grinding work.

Input	W	2 000
Output	W	1 250
Speed, no load	rpm	8 500
Grinding disc Ø	mm	180
Elast. Backing pad Ø	mm	180
Flange		M 14
Weight according to EPTA	kg	5,60

Part number	7 221 07
--------------------	-----------------

BENEFITS OF USE

- ▶ FEIN high-power motor - high sanding capacity over the full working range up to 150 % load.
- ▶ Flat drive head allows the tool to be plunged into workpieces.
- ▶ Soft start for safe handling from the word go.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety, 230 V only (7 221 07 29).

WSG 20-230



For accessories, see page 39

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

Powerful angle grinder for grinding and cutting work.

Input	W	2 000
Output	W	1 250
Speed, no load	rpm	6 600
Grinding disc Ø	mm	230
Elast. Backing pad Ø	mm	230
Flange		M 14
Weight according to EPTA	kg	5,60

Part number	7 221 08
--------------------	-----------------

BENEFITS OF USE

- ▶ FEIN high-power motor - high sanding capacity over the full working range up to 150 % load.
- ▶ Flat drive head allows the tool to be plunged into workpieces.
- ▶ Soft start for safe handling from the word go.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety, 230 V only (7 221 08 29).

WSB 25-180 X



For accessories, see page 39

Supplied

1 wheel guard, 1 clamp for flexible grinding/cutting discs, 1 additional handle

The most powerful FEIN safety angle grinder for extreme grinding work.

Input	W	2 500
Output	W	1 700
Speed, no load	rpm	8 500
Grinding disc Ø	mm	180
Tool Holder		QuickIN
Mounting hole Ø	mm	22,23
Elast. Backing pad Ø	mm	180
Weight according to EPTA	kg	6,50

Part number	7 221 10
--------------------	-----------------

BENEFITS OF USE

- ▶ The 2,500 W FEIN high-power motor makes this the most powerful FEIN angle grinder with outstanding sanding capacity over the entire working range of up to 150 % load.
- ▶ Complete safety package with electronic brake system (EBS), restart lock and soft start.
- ▶ Tool-free FEIN QuickIN clamping system safely clamps tools without a key.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety (7 221 10 29).

WSB 25-230 X



For accessories, see page 39

Supplied

1 wheel guard, 1 clamp for flexible grinding/cutting discs, 1 additional handle

The most powerful FEIN safety angle grinder for extreme cutting and grinding work.

Input	W	2 500
Output	W	1 700
Speed, no load	rpm	6 600
Grinding disc Ø	mm	230
Tool Holder		QuickIN
Mounting hole Ø	mm	22,23
Elast. Backing pad Ø	mm	230
Weight according to EPTA	kg	6,70

Part number	7 221 11
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BENEFITS OF USE

- ▶ The 2,500 W FEIN high-power motor makes this the most powerful FEIN angle grinder with outstanding sanding capacity over the entire working range of up to 150 % load.
- ▶ Complete safety package with electronic brake system (EBS), restart lock and soft start.
- ▶ Tool-free FEIN QuickIN clamping system safely clamps tools without a key.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety (7 221 11 29).

WSG 25-180



For accessories, see page 39

Supplied

1 wheel guard, 1 pair of flanges, 1 additional handle, 1 key

The most powerful FEIN angle grinder for extreme grinding work.

Input	W	2 500
Output	W	1 700
Speed, no load	rpm	8 500
Grinding disc Ø	mm	180
Elast. Backing pad Ø	mm	180
Flange		M 14
Weight according to EPTA	kg	6,30

Part number	7 221 26
--------------------	-----------------

BENEFITS OF USE

- ▶ The 2,500 W FEIN high-power motor makes this the most powerful FEIN angle grinder with outstanding sanding capacity over the entire working range of up to 150 % load.
- ▶ Flat drive head allows the tool to be plunged into workpieces.
- ▶ Soft start for safe handling from the word go.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety (7 221 26 29).

WSG 25-230



For accessories, see page 39

Supplied

1 key, 1 wheel guard, 1 pair of flanges, 1 additional handle

The most powerful FEIN angle grinder for extreme cutting and grinding work.

Input	W	2 500
Output	W	1 700
Speed, no load	rpm	6 600
Grinding disc Ø	mm	230
Elast. Backing pad Ø	mm	230
Flange		M 14
Weight according to EPTA	kg	6,30

Part number	7 221 27
--------------------	-----------------

BENEFITS OF USE

- ▶ The 2,500 W FEIN high-power motor makes this the most powerful FEIN angle grinder with outstanding sanding capacity over the entire working range of up to 150 % load.
- ▶ Flat drive head allows the tool to be plunged into complex workpieces.
- ▶ Soft start for safe handling from the word go.

PRODUCT FEATURES

- ▶ Rear handle can be rotated through 4 positions.
- ▶ Dustproof ball bearing.
- ▶ Sealed electronic parts.
- ▶ Carbon brushes with self cut-off function.
- ▶ Restart protection.
- ▶ Also available with Auto Stop (with dead-mans switch) for maximum safety (7 221 27 29).



GENERAL ACCESSORIES



Tool case
Metal

Width mm	Length mm	Height mm	Part number
240	690	160	3 39 01 022 01 4



anti-vibration handle
M 14, vibration absorbing, to reduce the vibrations during longer jobs.

Part number
3 21 19 117 01 5



Work gloves
Vibration-attenuating, certified according to EN 388/420, EN ISO 10819, EEC No. 0200, No. in pack 1 pair

Size	Part number
9 L	3 21 73 003 00 3
10 XL	3 21 73 004 00 1
11 XXL	3 21 73 005 00 5



Connecting piece
Universal device to connect power tools and accessories with dust extraction to vacuum cleaner. Flexible rubber sleeve, length 70 mm, inner diameter 31.5 mm.

Part number
3 13 22 771 00 9

PROTECTIVE COVERS



Safety hood for cutting work

Ø mm	Part number
180	6 38 11 004 01 0
230	6 38 11 005 01 0



Protective suction hood
with guide block for cutting discs
Ø 180 mm cutting depth 40 mm,
connection Ø 32 mm

Part number
9 06 04 008 01 3



Protective suction hood
with guide block for cutting discs
Ø 230 mm cutting depth 65 mm,
connection Ø 32 mm

Part number
9 06 04 009 01 7

ACCESSORIES FOR WSG



Clamping unit
for flexible grinding/cutting discs
as well as for fan-pattern wheels

Part number
6 38 02 183 02 5



Elastic backing pad
with clamping unit

Ø mm	Part number
180	6 38 06 174 02 8



Elastic backing pad
without clamping unit

Ø mm	Part number
180	6 38 06 174 01 2



Clamping unit
for elastic backing pads

Part number
6 38 02 185 02 7

ACCESSORIES FOR WSG



Threaded flange
M 14, for flexible grinding/cutting discs, fan-pattern grinding wheels and round brush

Part number
6 38 02 052 00 0



Inner flange

Part number
6 38 01 182 01 0



Elastic backing pad
with flange M 14

Ø mm	Part number
180	6 38 06 034 01 7



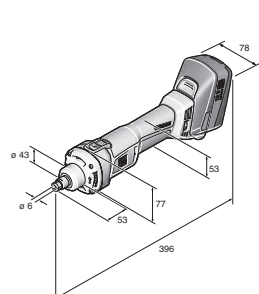
Threaded flange
M 14, for elastic backing pad and for twisted steel wire brush

Part number
6 38 01 154 00 7

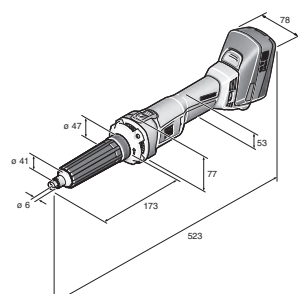
DIE GRINDERS

Tool type	Page	Application							
		Cutting	Roughing-down	Grinding	Deburring	Dividing	Brushing		
Storage battery	AGSZ 18-280 BL	Dust-resistant and powerful, compact cordless die grinder for effective cutting, grinding, deburring and milling work.	42	▲▲	▲▲	▲▲	▲	▲	▲
	AGSZ 18-280 LBL	Dust-resistant and powerful, compact cordless die grinder with large plunge depth for effective cutting, grinding, deburring and milling work.	43	▲▲	▲▲	▲▲	▲	▲	
	AGSZ 18-90 LBL	Dust-resistant and powerful, compact cordless die grinder with large plunge depth for grinding and polishing work.	44			▲▲			▲▲
Mains	GSZ 4-280 EL	Extremely ergonomic die grinder with high plunge depth for light grinding and deburring in especially difficult-to-reach spots.	45	▲▲	▲▲	▲▲	▲		▲
	GSZ 4-90 EL	Extremely ergonomic die grinder for stainless steel processing with high plunge depth for light grinding and polishing in especially difficult-to-reach spots.	46		▲▲				▲▲
	GSZ 8-280 P	Ergonomic, powerful die grinder for grinding and deburring in difficult-to-reach spots; also suitable for semi-stationary use.	46	▲▲		▲▲			
	GSZ 8-280 PE	Ergonomic, powerful die grinder for grinding and deburring in difficult-to-reach spots; also suitable for semi-stationary use.	46	▲▲	▲▲	▲▲	▲		▲
	GSZ 8-280 PL	Ergonomic, powerful die grinder with high plunge depth for grinding and deburring in difficult-to-reach spots.	47	▲▲	▲▲	▲▲	▲		
	GSZ 8-280 PEL	Ergonomic, powerful die grinder with high plunge depth for grinding and deburring in difficult-to-reach spots.	47	▲▲	▲▲	▲▲	▲		▲
	GSZ 8-90 PEL	Ergonomic, powerful die grinder for stainless steel processing with high plunge depth for grinding and polishing in especially difficult-to-reach spots.	47			▲▲			▲▲
	GSZ 11-320 PRL	Ergonomic, extremely powerful die grinder with high plunge depth for heavy-duty grinding and deburring in difficult-to-reach spots.	48	▲▲	▲▲	▲▲	▲		▲
	GSZ 11-320 PERL	Ergonomic, extremely powerful die grinder with high plunge depth for heavy-duty grinding and deburring in difficult-to-reach spots.	48	▲▲	▲▲	▲▲	▲		▲
	GSZ 11-90 PERL	Ergonomic, extremely powerful die grinder for stainless steel processing with high plunge depth for heavy-duty grinding and polishing.	48			▲▲		▲	▲▲

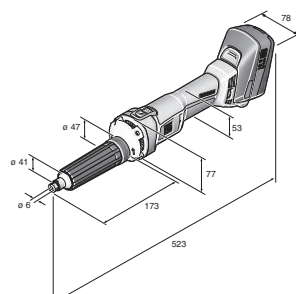
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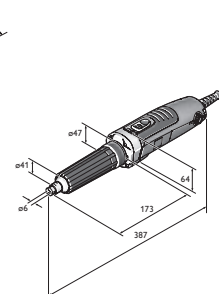
AGSZ 18-280 BL



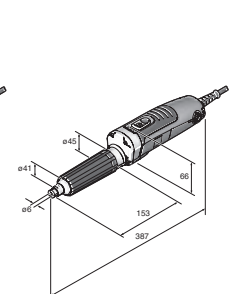
AGSZ 18-280 LBL



AGSZ 18-90 LBL

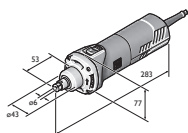


GSZ 4-280 EL

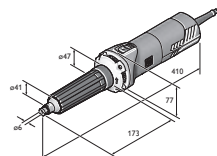


GSZ 4-90 EL

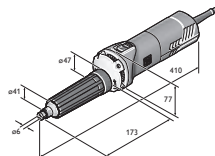
			Equipment					Technical data					
Satin-fishing	Polishing	Long neck	Input V _W	Battery voltage V	Battery capacity Ah	Battery compatibility	Battery interface	Speed, no load rpm	Grinding wheel for max. Ø mm	Collet for max. Ø mm	Weight according to EPTA kg	Weight with battery kg	Weight without storage kg
			18	5	Li-ion/High-Power Li-ion	MultiVolt	9 000 - 28 000	50	8		2,10	1,40	
			18	5	Li-ion/High-Power Li-ion	MultiVolt	9 000 - 28 000	50	8		2,30	1,60	
▲▲	▲▲		18	5	Li-ion/High-Power Li-ion	MultiVolt	2 900 - 9 000	50	8		2,50	1,80	
		●	350				13 000 - 28 000	20	6	1,50			
▲▲	▲▲	●	350				3 500 - 8 500	20	6	1,50			
			750				28 000	45	8	1,40			
			750				8 500 - 28 000	50	8	1,40			
		●	750				28 000	45	8	1,80			
		●	750				8 500 - 28 000	50	8	1,80			
▲▲	▲▲	●	710				2 500 - 9 000	50	8	1,80			
		●	1 010				32 500	45	8	2,10			
		●	1 010				9 500 - 32 500	45	8	2,10			
▲▲	▲▲	●	1 010				2 900 - 9 900	50	8	2,20			



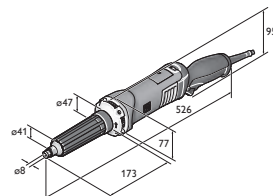
GSZ 8-280 P
GSZ 8-280 PE
GSZ 8-280 PEL



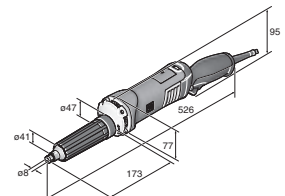
GSZ 8-280 PL



GSZ 8-90 PEL



GSZ 11-320 PRL
GSZ 11-320 PERL



GSZ 11-90 PERL

DIE GRINDERS



For many applications:

Depending on the tool variant, the speed can be electronically preselected in an infinitely variable manner - and matched perfectly to many grinding materials.



Grinding inside pipes:

Use the long, narrow neck of the FEIN die grinder to plunge deep into the pipe to grind the interior.

AGSZ 18-280 BL



For accessories, see page 49

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 collet Ø 6 mm, Jaw spanner SW13, Jaw spanner SW17, 1 plastic carrying case

Dust-resistant and powerful, compact cordless die grinder for effective cutting, grinding, deburring and milling work.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	9 000 - 28 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Max. cutter diameter	mm	12
Weight with battery	kg	2,10
Weight without storage battery	kg	1,40

Part number 7 123 01 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, restart protection and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Bright working area thanks to integrated LED light.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



AGSZ 18-280 BL SELECT

FEIN SELECT⁺



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17, 1 plastic carrying case

Dust-resistant and powerful, compact cordless die grinder for effective cutting, grinding, deburring and milling work.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	9 000 - 28 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Max. cutter diameter	mm	12
Weight without storage battery	kg	1,40

Part number 7 123 01 62

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, restart protection and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).
- ▶ Bright working area thanks to integrated LED light.

AGSZ 18-280 LBL



For accessories, see page 49

Supplied

2 battery packs (Li-ion), 1 rapid charger
ALG 50, 1 collet Ø 6 mm, Jaw spanner
SW13, Jaw spanner SW17, 1 plastic
carrying case

Dust-resistant and powerful, compact cordless die grinder with large plunge depth for effective cutting, grinding, deburring and milling work.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	9 000 - 28 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Max. cutter diameter	mm	12
Weight with battery	kg	2,30
Weight without storage battery	kg	1,60

Part number 7 123 02 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, restart protection and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Long, narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Removable rubber collar bearing cover.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).

AGSZ 18-280 LBL SELECT

FEIN SELECT⁺



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13, Jaw spanner SW17, 1 plastic carrying case

Dust-resistant and powerful, compact cordless die grinder with large plunge depth for effective cutting, grinding, deburring and milling work.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	9 000 - 28 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Max. cutter diameter	mm	12
Weight without storage battery	kg	1,60

Part number 7 123 02 62

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
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- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Long, narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Removable rubber collar bearing cover.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).

AGSZ 18-90 LBL



For accessories, see page 49

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 collet Ø 6 mm, Jaw spanner SW13, Jaw spanner SW17, 1 plastic carrying case

Dust-resistant and powerful, compact cordless die grinder with large plunge depth for grinding and polishing work.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 900 - 9 000
Polishing disc Ø	mm	80
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Max. cutter diameter	mm	12
Weight with battery	kg	2,50
Weight without storage battery	kg	1,80

Part number 7 123 03 61

BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, restart protection and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Long, narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Removable rubber collar bearing cover.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18V).



AGSZ 18-90 LBL SELECT

FEIN SELECT⁺



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17, 1 plastic carrying case

Dust-resistant and powerful, compact cordless die grinder with large plunge depth for grinding and polishing work.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	2 900 - 9 000
Polishing disc Ø	mm	80
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Max. cutter diameter	mm	12
Weight without storage battery	kg	1,80

Part number	7 123 03 62
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BENEFITS OF USE

- ▶ Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- ▶ Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- ▶ Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1100 W.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- ▶ Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75 % higher current rating than Li-ion batteries.
- ▶ Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- ▶ Extensive user protection features include soft start, restart protection and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- ▶ Long, narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Removable rubber collar bearing cover.
- ▶ Separate motor electronics with dust guard in handle area.
- ▶ Flexibility with the FEIN MultiVolt interface. Angle grinder can be operated with all FEIN Li-ion batteries (12 to 18 V).
- ▶ Bright working area thanks to integrated LED light.

GSZ 4-280 EL



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17

Extremely ergonomic die grinder with high plunge depth for light grinding and deburring in especially difficult-to-reach spots.

Input	W	350
Output	W	170
Speed, no load	rpm	13 000 - 28 000
Grinding wheel for max. Ø	mm	20
Collet for max. Ø	mm	6
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	5
Weight according to EPTA	kg	1,50

Part number	7 223 24 60
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BENEFITS OF USE

- ▶ Long narrow neck and maximum diameter of 210 mm allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Variable speed allows different tools to be used.

PRODUCT FEATURES

- ▶ Motor and electronics protected against metal dust.
- ▶ Removable rubber collar bearing cover.

GSZ 4-90 EL



For accessories, see page 49

Supplied

Jaw spanner SW17, 1 collet Ø 6 mm,
Jaw spanner SW13

Extremely ergonomic die grinder for stainless steel processing with high plunge depth for light grinding and polishing in especially difficult-to-reach spots.

Input	W	350
Output	W	170
Speed, no load	rpm	3 500 - 8 500
Polishing disc Ø	mm	50
Grinding wheel for max. Ø	mm	20
Collet for max. Ø	mm	6
Max. cutter diameter	mm	12
Cable with plug	m	5
Weight according to EPTA	kg	1,50

Part number	7 223 25 60
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BENEFITS OF USE

- ▶ Long narrow neck and maximum diameter of 210 mm allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- ▶ Variable speed allows different tools to be used.

PRODUCT FEATURES

- ▶ Motor and electronics protected against metal dust.
- ▶ Removable rubber collar bearing cover.

GSZ 8-280 P



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, powerful die grinder for grinding and deburring in difficult-to-reach spots; also suitable for semi-stationary use.

Input	W	750
Output	W	400
Speed, no load	rpm	28 000
Grinding wheel for max. Ø	mm	45
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	1,40

Part number	7 223 16 60
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BENEFITS OF USE

- ▶ Compact design for use in especially tight spaces, collar diameter of 43 mm for semi-stationary use as milling motor (e.g. as profile miller).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-280 PE



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, powerful die grinder for grinding and deburring in difficult-to-reach spots; also suitable for semi-stationary use.

Input	W	750
Output	W	400
Speed, no load	rpm	8 500 - 28 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	1,40

Part number	7 223 17 60
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BENEFITS OF USE

- ▶ Compact design for use in especially tight spaces, collar diameter of 43 mm for semi-stationary use as milling motor (e.g. as profile miller).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ Variable speed allows different tools to be used.
- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Motor and electronics protected against metal dust.



GSZ 8-280 PL



For accessories, see page 49

Supplied

Jaw spanner SW13, 1 collet Ø 6 mm,
Jaw spanner SW17

Ergonomic, powerful die grinder with high plunge depth for grinding and deburring in difficult-to-reach spots.

Input	W	750
Output	W	410
Speed, no load	rpm	28 000
Grinding wheel for max. Ø	mm	45
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	1,80

Part number	7 223 18 60
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BENEFITS OF USE

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Removable rubber collar bearing cover.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-280 PEL



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, powerful die grinder with high plunge depth for grinding and deburring in difficult-to-reach spots.

Input	W	750
Output	W	410
Speed, no load	rpm	8 500 - 28 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	1,80

Part number	7 223 19 60
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BENEFITS OF USE

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ Variable speed allows different tools to be used.
- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Removable rubber collar bearing cover.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-90 PEL



For accessories, see page 49

Supplied

1 collet Ø 6 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, powerful die grinder for stainless steel processing with high plunge depth for grinding and polishing in especially difficult-to-reach spots.

Input	W	710
Output	W	410
Speed, no load	rpm	2 500 - 9 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	1,80

Part number	7 223 20 60
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BENEFITS OF USE

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Removable rubber collar bearing cover.
- ▶ Motor and electronics protected against metal dust.

GSZ 11-320 PRL



For accessories, see page 49

Supplied

1 collet Ø 8 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, extremely powerful die grinder with high plunge depth for heavy-duty grinding and deburring in difficult-to-reach spots.

Input	W	1 010
Output	W	620
Speed, no load	rpm	32 500
Grinding wheel for max. Ø	mm	45
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 223 21 60
--------------------	--------------------

BENEFITS OF USE

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Removable rubber collar bearing cover.
- ▶ Motor and electronics protected against metal dust.

GSZ 11-320 PERL



For accessories, see page 49

Supplied

1 collet Ø 8 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, extremely powerful die grinder with high plunge depth for heavy-duty grinding and deburring in difficult-to-reach spots.

Input	W	1 010
Output	W	620
Speed, no load	rpm	9 500 - 32 500
Grinding wheel for max. Ø	mm	45
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 223 22 60
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BENEFITS OF USE

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ Variable speed allows different tools to be used.
- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Removable rubber collar bearing cover.
- ▶ Motor and electronics protected against metal dust.

GSZ 11-90 PERL



For accessories, see page 49

Supplied

1 collet Ø 8 mm, Jaw spanner SW13,
Jaw spanner SW17

Ergonomic, extremely powerful die grinder for stainless steel processing with high plunge depth for heavy-duty grinding and polishing.

Input	W	1 010
Output	W	620
Speed, no load	rpm	2 900 - 9 900
Polishing disc Ø	mm	80
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Collar Ø	mm	43
Max. cutter diameter	mm	12
Cable with plug	m	4
Weight according to EPTA	kg	2,20

Part number	7 223 23 60
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BENEFITS OF USE

- ▶ Long narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- ▶ User protection features include kickback stop, restart protection, soft start and electronic overload protection.
- ▶ Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

PRODUCT FEATURES

- ▶ Variable speed allows different tools to be used.
- ▶ POWERtronic tachoelectronics for enormous power, power reserve and exceptional speed stability under load.
- ▶ Removable rubber collar bearing cover.
- ▶ Motor and electronics protected against metal dust.



GENERAL ACCESSORIES



Tool case
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box
Box insert with lockable lid for
small parts and accessories, suitable
for tool box 3 39 01 118 01 0,
max 5 items/box.

Part number
3 39 01 119 00 0



**Cordless ALED 12-18 V LED
lamp**
Compact and durable cordless
LED lamp with swivel-mounted
lamp head. Compatible with all
12 / 14 / 18 V FEIN Li-ion batter-
ies, including hook for attaching
the lamp. Extremely lightweight at
130 g and very bright at 900 Lux.
Colour temperature is the equiva-
lent of daylight. The brightness can
be set to 2 levels.

Part number
9 26 04 200 02 0



Quick charger ALG 50
For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number
9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion batter-
ies. Charge time from 25 min.

Part number
9 26 04 096 01 0

18 V BATTERY



Battery pack
Li-ion battery with charge status
indicator and FEIN SafetyCell
technology. Protects the battery
and tool from overload, overheating
and total discharge. Can be
used with all FEIN 18 V cordless
tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set
2 x Li-ion batteries with ALG 50
rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0

COLLETS FOR GSZ 4, GSZ 8, GSZ 11



Collets
With all-round flange to protect
the workpiece and prevent the
wrench sliding off during tool
changes.

∅	Part number
3 mm	6 32 07 130 00 0
6 mm	6 32 07 128 00 0
8 mm	6 32 07 129 00 0
1/4"	6 32 07 131 00 0



Collets Inox
Stainless steel model, with all-
round flange to protect the work-
piece and prevent the wrench
sliding off during tool changes.

∅	Part number
3 mm	6 32 07 132 00 0
6 mm	6 32 07 133 00 0
8 mm	6 32 07 134 00 0
1/4"	6 32 07 135 00 0

COLLETS FOR MSH 635



Collets

∅	Part number
3 mm	6 32 07 097 00 0
6 mm	6 32 07 103 00 9

COLLETS FOR MSH 636-1, MSH 648-1, MSHE 648-1, MSHY 648-1Z



Collets
Depth 30 mm

∅	Part number
3 mm	6 32 07 087 00 1
6 mm	6 32 07 059 00 6
8 mm	6 32 07 069 00 5
1/4"	6 32 07 088 00 9

FEIN high frequency – a real boost to industrial production.

High-frequency power tools operate at 200 V. A frequency converter converts the mains frequency of 50 or 60 Hz to 300 Hz – the motor's output power also increases six-fold in direct proportion to this. Thanks to the significantly higher speed of the high-frequency power tools, up to 30 % more sanding capacity is attained in the metalworking and metal processing sector when undertaking heavy-duty sanding, roughing-down or cutting.

An investment in high frequency quickly brings returns for metal-processing companies working in rough conditions or continuous use. Speed is considerably more stable, even when loaded, and the number of grinding discs used is reduced by up to 50 %. The tremendous sanding capacity demonstrably

reduces working time in production. In industrial continuous use, for example in multi-shift operation, choosing high-frequency power tools therefore always delivers better cost-effectiveness.

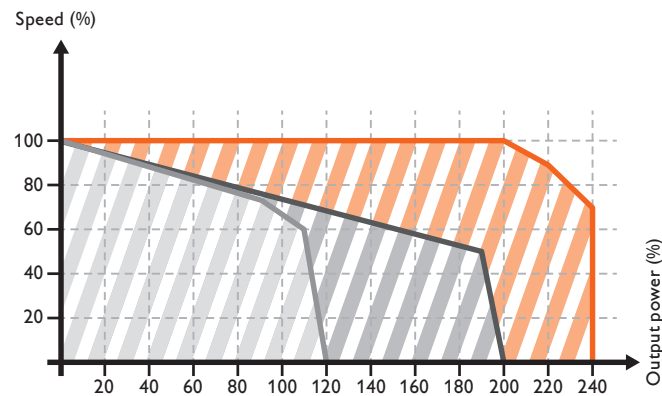
In addition to the higher capacity, there are many benefits to using high-frequency power tools in an industrial setting. The tools are designed for maximum load handling and minimal maintenance requirements. Enjoy longer tool service lives, shorter downtimes and reduced maintenance and repair requirements.

Maximum performance in continuous use.

Higher frequency, constant speeds, higher performance. FEIN high-frequency angle grinders and die grinders are developed for very tough sanding work in metal construction, steel construction, tank construction, shipbuilding and foundries – and guarantee maximum productivity in continuous industrial use.

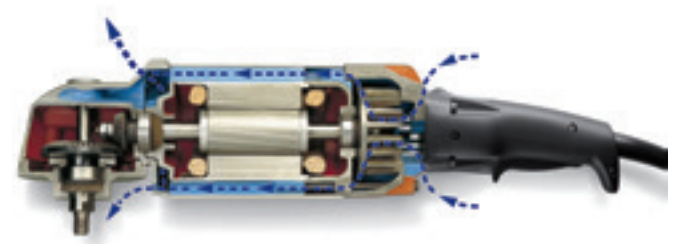
- ▶ With power reserves of around 100 % above their rated value, you can work cost-effectively and with little disc wear. The speed remains constant across the entire load range.

- ▶ Work with German quality: FEIN high-frequency power tools require very little maintenance and are durable. The motor with surface cooling is encapsulated to make it dust-proof. There are no wearing power-transmitting parts.



Comparison of characteristic curves depending on power:

- Compressed air
- Standard frequency
- High frequency

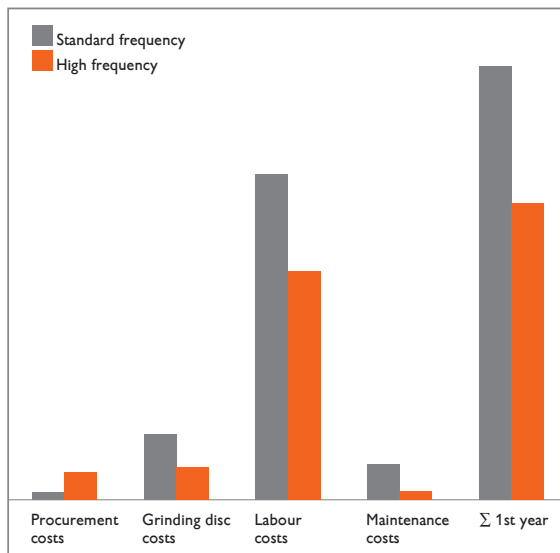


- ▶ Benefit from tremendous sanding capacity wherever you are working: the HF power tools can be easily integrated into existing 300 Hz high-frequency systems in trade and industry.
- ▶ The FEIN high-frequency range includes a wide selection of angle grinders and die grinders for tradespeople and professional users in industry.

FEIN is happy to assist in planning high-frequency systems – and will happily advise smaller operations too. Just get in touch.

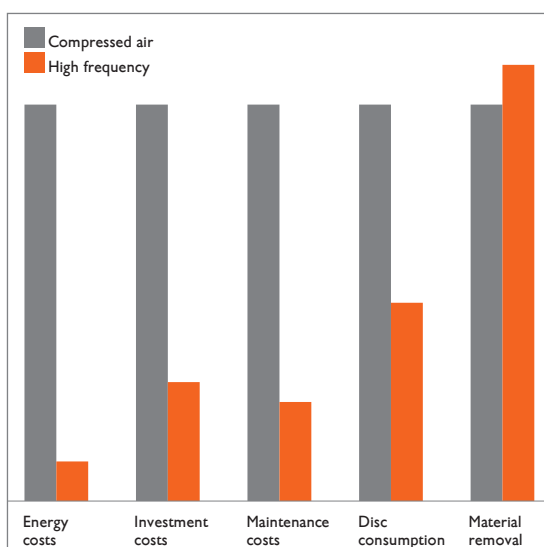


Cost-effective work with a high frequency.



Benefits of FEIN high frequency compared with standard frequency.

- ▶ Up to 50 % fewer grinding discs are used
- ▶ Lower labour costs for a specific job (increased material removal = greater productivity)
- ▶ Maintenance costs reduced by up to 75 %
- ▶ Total costs reduced by up to 32 %



Benefits of FEIN high frequency compared with compressed air.

- ▶ Up to 50 % fewer grinding discs are used
- ▶ Maintenance costs reduced by up to 75 %
- ▶ Power costs reduced by up to 90 %
- ▶ Investment costs reduced by up to 70 %
- ▶ Up to 10 % more material removal, i.e. greater work productivity

Investing in a high-frequency system from FEIN will pay off very quickly.

The comparison was based on the following basic conditions:

- ▶ 15 sanding workstations
- ▶ 250 working days per year, two-shift operation, 8-hour shifts
- ▶ 60 % tool use, i.e. 9.6 hours a day or 2,400 hours a year

HIGH FREQUENCY ANGLE GRINDERS

Grinding disc Ø mm	Page	Application				
		Roughing-down	Deburring	Dividing		
125	MSfov 852-1 300 Hz 200 V	Long-neck HF angle grinder for hard-to-reach places.	56	▲▲	▲	
	MSf 843-1c 300 Hz 200 V	Powerful HF compact angle grinder for medium-duty grinding and deburring work.	57	▲▲	▲	▲
	HFV 9-125 300 Hz 200 V	Handy HF compact angle grinder for light-duty grinding and deburring work.	57			
180	MSfo 869-1d 300 Hz 200 V	Powerful HF angle grinder for heavy-duty grinding work.	54	▲▲	▲	▲
	MSfo 852-1d 300 Hz 200 V	Powerful HF angle grinder for medium- to heavy-duty grinding and brushing work.	55	▲▲	▲	▲
	MSfo 870-1d 300 Hz 200 V	The most powerful FEIN HF angle grinder for extreme grinding work.	56	▲▲	▲	▲
	MSfo 849-1c 300 Hz 200 V	Powerful HF angle grinder for medium-duty grinding work.	56			
	MSfov 852-1-180 300 Hz 200 V	Long-neck HF angle grinder for hard-to-reach places.	57	▲▲	▲	
230	MSfo 869-1c 300 Hz 200 V	Powerful HF angle grinder for heavy-duty cutting and grinding work.	54	▲▲	▲	▲▲
	MSfo 852-1c 300 Hz 200 V	Powerful HF angle grinder for medium- to heavy-duty grinding and brushing work.	55	▲▲	▲	▲
	MSfo 870-1c 300 Hz 200 V	The most powerful FEIN HF angle grinder for extreme cutting and grinding work.	55	▲▲	▲	▲▲

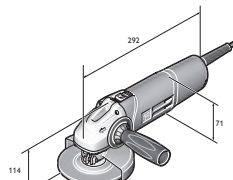
▲▲ optimal suitability ▲ suitability ● included



MSfov 852-1 300 Hz 200 V
MSfov 852-1-180 300 Hz 200 V



MSf 843-1c 300 Hz 200 V



HFV 9-125 300 Hz 200 V



MSfo 869-1c 300 Hz 200 V
MSfo 869-1d 300 Hz 200 V

Equipment	Technical data									
	Fully encapsulated motor	Input W	Output W	Frequency Hz	Voltage/type of current V/3~	Speed, no load rpm	Elast. Backing pad Ø mm	Flange	Cable m	Weight according to EPTA kg
•		1 900	1 400	300	200	8 800		M 14	5	5,20
		1 100	700	300	200	6 500	125	M 14	5	3,60
		900	690	300	200	7 100	125	M 14	5	2,50
•		3 100	2 450	300	200	8 600	180	M 14	5	7,40
•		1 900	1 400	300	200	8 500	180	M 14	5	5,90
•		3 700	2 800	300	200	8 600	180	M 14	5	8,20
•		1 500	1 075	300	200	6 150	180	M 14	5	5,10
•		1 900	1 400	300	200	7 450		M 14	5	5,30
•		3 100	2 450	300	200	6 500	180	M 14	5	7,70
•		1 900	1 400	300	200	6 400	180	M 14	5	6,30
•		3 700	2 800	300	200	6 600	180	M 14	5	8,50



MSfo 852-1c 300 Hz 200 V
MSfo 852-1d 300 Hz 200 V



MSfo 870-1c 300 Hz 200 V



MSfo 870-1d 300 Hz 200 V

HIGH FREQUENCY GRINDERS



Very long service life:
Aggressive swarf cannot enter the encapsulated, dust-proof motor with surface cooling.



Longer tool life:
The speed remains constant, even under load – giving you maximum grinding power and a long tool life.

MSFO 869-1C 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

Powerful HF angle grinder for heavy-duty cutting and grinding work.

Input	W	3 100
Output	W	2 450
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	6 500
Grinding disc Ø	mm	230
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	7,70

Part number 7 820 62

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFO 869-1D 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

Powerful HF angle grinder for heavy-duty grinding work.

Input	W	3 100
Output	W	2 450
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	8 600
Grinding disc Ø	mm	180
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	7,40

Part number 7 820 65

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFO 852-1C 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

Powerful HF angle grinder for medium- to heavy-duty grinding and brushing work.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	6 400
Grinding disc Ø	mm	230
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	6,30

Part number 7 820 71

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFO 852-1D 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

Powerful HF angle grinder for medium- to heavy-duty grinding and brushing work.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	8 500
Grinding disc Ø	mm	180
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	5,90

Part number 7 820 73

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFO 870-1C 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

The most powerful FEIN HF angle grinder for extreme cutting and grinding work.

Input	W	3 700
Output	W	2 800
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	6 600
Grinding disc Ø	mm	230
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	8,50

Part number 7 820 75

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFO 870-1D 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

The most powerful FEIN HF angle grinder for extreme grinding work.

Input	W	3 700
Output	W	2 800
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	8 600
Grinding disc Ø	mm	180
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	8,20

Part number 7 820 77

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFO 849-1C 300 HZ 200 V



For accessories, see page 62

Supplied

1 anti-vibration handle, 1 set of keys, 1 wheel guard, 1 pair of flanges

Powerful HF angle grinder for medium-duty grinding work.

Input	W	1 500
Output	W	1 075
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	6 150
Grinding disc Ø	mm	180
Elast. Backing pad Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	5,10

Part number 7 820 80

BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSFOV 852-1 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys

Long-neck HF angle grinder for hard-to-reach places.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	8 800
Grinding disc Ø	mm	125
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	5,20

Part number 7 820 83

BENEFITS OF USE

- ▶ Low profile gearbox head 65 mm in height, including grinding disc.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.



MSF 843-1C 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys,
1 anti-vibration handle

Powerful HF compact angle grinder for medium-duty grinding and deburring work.

Input	W	1 100
Output	W	700
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	6 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	3,60

Part number	7 820 85
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BENEFITS OF USE

- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Powerful ventilation for effective motor cooling.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

HFW 9-125 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 set of keys

Handy HF compact angle grinder for light-duty grinding and deburring work.

Input	W	900
Output	W	690
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	7 100
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	2,50

Part number	7 820 86 60
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BENEFITS OF USE

- ▶ Highly efficient compact angle grinder with the highest grinding capacity on the market.
- ▶ Dust-proof, fully encapsulated switch for maximum service life.
- ▶ Very thick-walled metal gearbox head made from cast aluminium for maximum stability and service life.

PRODUCT FEATURES

- ▶ Perfect ergonomics with 2 handle zones and the smallest handle size for optimum handling even in continuous use.
- ▶ Powerful ventilation.
- ▶ Air escapes to the bottom.
- ▶ High effective output.
- ▶ Great speed consistency.
- ▶ Low weight.

MSFOV 852-1-180 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys

Long-neck HF angle grinder for hard-to-reach places.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	7 450
Grinding disc Ø	mm	180
Flange		M 14
Cable	m	5
Weight according to EPTA	kg	5,30

Part number	7 820 87 60
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BENEFITS OF USE

- ▶ Low profile gearbox head 65 mm in height, including grinding disc.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

HIGH FREQUENCY DIE GRINDERS

		Page	Application				
			Cutting	Roughing-down	Deburring	Satin-finishing	
Mains	MSho 840-2 300 Hz 200 V	Handy HF straight grinder for light-duty grinding work.	60	▲	▲▲		
	MSh 843-1 300 Hz 200 V	Lightweight and handy HF straight grinder for milling work.	60	▲▲			
	MSho 849-1 Z 300 Hz 200 V	Powerful HF straight grinder for medium-duty grinding work with pin tools.	60		▲▲		
	MShyo 869-1a 300 Hz 200 V	The most powerful FEIN HF straight grinder for satin-finishing work with large tools.	61				▲▲
	MShyo 869-1d 300 Hz 200 V	The most powerful FEIN HF straight grinder for heavy-duty grinding work.	61		▲▲		
	MShyo 852-3a 300 Hz 200 V	Powerful HF straight grinder for medium- to heavy-duty grinding work.	61		▲▲		
	MShyo 852-4a 300 Hz 200 V	Powerful HF straight grinder for satin-finishing work.	62				▲▲
	MSho 852-1 300 Hz 200 V	Powerful HF straight grinder for medium-duty to heavy-duty high-speed grinding work.	62		▲▲	▲	▲

▲▲ optimal suitability ▲ suitability ● included



MSho 840-2 300 Hz 200 V



MSh 843-1 300 Hz 200 V



MSho 849-1 Z 300 Hz 200 V



MShyo 869-1a 300 Hz 200 V
MShyo 869-1d 300 Hz 200 V

Equipment		Technical data									
Fully encapsulated motor	Input W	Output W	Frequency Hz	Voltage/type of current V/3~	Speed, no load rpm	Flange	Grinding wheel for max. Ø mm	Collet for max. Ø mm	Cable m	Weight according to EPTA kg	
•	410	290	300	200	18 000		50	6	5	2,10	
	1 100	700	300	200	18 000		40	6	5	3,00	
	1 500	1 075	300	200	18 000		50	8	5	3,90	
•	3 100	2 450	300	200	5 000	M 16			5	8,90	
•	3 100	2 410	300	200	10 200	M 16			5	8,90	
	1 900	1 400	300	200	10 200	M 12			5	5,20	
•	1 900	1 400	300	200	5 800	M 12			5	5,70	
•	1 900	1 400	300	200	18 000	M 12			5	5,20	



MSho 852-1 300 Hz 200 V



MSho 852-3a 300 Hz 200 V

MSho 852-4a 300 Hz 200 V

MSHO 840-2 300 HZ 200 V



For accessories, see page 62

Supplied

1 collet Ø 6 mm, 1 set of keys

Handy HF straight grinder for light-duty grinding work.

Input	W	410
Output	W	290
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	18 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	6
Cable	m	5
Weight according to EPTA	kg	2,10

Part number	7 823 03
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BENEFITS OF USE

- ▶ Split grinding spindle with multiple mountings for absolutely precise and vibration-free concentricity.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSH 843-1 300 HZ 200 V



For accessories, see page 62

Supplied

1 collet Ø 6 mm, 1 set of keys

Lightweight and handy HF straight grinder for milling work.

Input	W	1 100
Output	W	700
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	18 000
Grinding wheel for max. Ø	mm	40
Collet for max. Ø	mm	6
Cable	m	5
Weight according to EPTA	kg	3,00

Part number	7 823 19
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BENEFITS OF USE

- ▶ Powerful ventilation for effective motor cooling.
- ▶ Split grinding spindle with multiple mountings for absolutely precise and vibration-free concentricity.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSHO 849-1 Z 300 HZ 200 V



For accessories, see page 62

Supplied

1 collet Ø 8 mm, 1 set of keys

Powerful HF straight grinder for medium-duty grinding work with pin tools.

Input	W	1 500
Output	W	1 075
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	18 000
Grinding wheel for max. Ø	mm	50
Collet for max. Ø	mm	8
Cable	m	5
Weight according to EPTA	kg	3,90

Part number	7 823 20
--------------------	-----------------

BENEFITS OF USE

- ▶ Powerful for high grinding capacity.
- ▶ Split grinding spindle with multiple mountings for absolutely precise and vibration-free concentricity.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.

PRODUCT FEATURES

- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSHYO 869-1A 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 set of keys, 1 pair of flanges

The most powerful FEIN HF straight grinder for satin-finishing work with large tools.

Input	W	3 100
Output	W	2 450
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	5 000
Flange		M 16
Grinding wheel for max. Ø x width	mm	175 x 40
Cable	m	5
Weight according to EPTA	kg	8,90

Part number 7 824 37

BENEFITS OF USE

- ▶ Ideal power/weight ratio and excellent efficiency.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Powerful motor.
- ▶ Extremely quiet running.
- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSHYO 869-1D 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 set of keys, 1 pair of flanges

The most powerful FEIN HF straight grinder for heavy-duty grinding work.

Input	W	3 100
Output	W	2 410
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	10 200
Flange		M 16
Grinding wheel for max. Ø x width	mm	150 x 32
Cable	m	5
Weight according to EPTA	kg	8,90

Part number 7 824 38

BENEFITS OF USE

- ▶ Ideal power/weight ratio and excellent efficiency.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Powerful motor.
- ▶ Extremely quiet running.
- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

MSHYO 852-3A 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 set of keys, 1 pair of flanges

Powerful HF straight grinder for medium- to heavy-duty grinding work.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	10 200
Flange		M 12
Grinding wheel for max. Ø x width	mm	125 x 32/28
Cable	m	5
Weight according to EPTA	kg	5,20

Part number 7 824 39

BENEFITS OF USE

- ▶ Powerful for high grinding capacity.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Extremely quiet running.
- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

HIGH FREQUENCY DIE GRINDERS

MSHYO 852-4A 300 HZ 200 V



For accessories, see page 62

Supplied

1 wheel guard, 1 pair of flanges, 1 set of keys

Powerful HF straight grinder for satin-finishing work.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	5 800
Flange		M 12
Grinding wheel for max. Ø x width	mm	125 x 32/28
Cable	m	5
Weight according to EPTA	kg	5,70

Part number 7 824 40

BENEFITS OF USE

- ▶ Powerful for high grinding capacity.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Extremely quiet running.
- ▶ High effective output.
- ▶ Maximum reliability and outstanding service life.
- ▶ Low-wear and low-maintenance.
- ▶ Great speed consistency.

MSHO 852-1 300 HZ 200 V



For accessories, see page 62

Supplied

1 set of keys, 1 pair of flanges, 1 wheel guard

Powerful HF straight grinder for medium-duty to heavy-duty high-speed grinding work.

Input	W	1 900
Output	W	1 400
Frequency	Hz	300
Voltage/type of current	V/3~	200
Speed, no load	rpm	18 000
Flange		M 12
Grinding wheel for max. Ø x width	mm	85 x 32/26
Cable	m	5
Weight according to EPTA	kg	5,20

Part number 7 824 42

BENEFITS OF USE

- ▶ Ideal power/weight ratio and excellent efficiency.
- ▶ Metal motor and gearbox housing for maximum load capacity in industrial continuous use.
- ▶ Fully encapsulated motor, 100% dust protection with surface cooling for maximum stability and service life even under extreme conditions of use.

PRODUCT FEATURES

- ▶ Extremely quiet running.
- ▶ Low-wear and low-maintenance.
- ▶ Maximum reliability and outstanding service life.
- ▶ High effective output.
- ▶ Great speed consistency.

HIGH-FREQUENCY GRINDERS

GENERAL ACCESSORIES FOR HF TOOLS



anti-vibration handle
M 8, vibration absorbing, to reduce the vibrations during longer jobs.

Part number
3 21 19 124 01 0



anti-vibration handle
M 10, vibration absorbing, to reduce the vibrations during longer jobs.

Part number
3 21 19 118 01 3



anti-vibration handle
M 14, vibration absorbing, to reduce the vibrations during longer jobs.

Part number
3 21 19 117 01 5



Male connector
over 50 V, 16 A, 100 - 300 Hz, 10 h, 3 P+E

Part number
3 07 28 123 00 7



Male connector
over 50 V, 32 A, 100 - 300 Hz, 10 h, 3 P+E

Part number
3 07 28 124 00 5



Sleeve plug
over 50 V, 16 A, 100 - 300 Hz, 10 h, 3 P+E

Part number
3 07 28 130 00 0



Sleeve plug
over 50 V, 32 A, 100 - 300 Hz, 10 h, 3 P+E

Part number
3 07 28 131 00 9



Motor protection plug
FEIN's motor safety plugs provide reliable overload protection for high-frequency power tools. A bimetallic actuator, which is individually set to the corresponding rated current of the connected high-frequency tool, prevents premature or late activation in the event of brief overloading. The motor safety plug is fitted on the high-frequency power tool's connector cable instead of the normal male connector. The motor safety plug consists of a CEE plug, thermal actuators with temperature compensation and a rotary activation toggle. suited to the 840 series, setting range 1.6 - 2.5 A

Model	Part number
16 A	3 07 56 085 00 2
32 A	3 07 56 093 00 9



Motor protection plug
FEIN's motor safety plugs provide reliable overload protection for high-frequency power tools. A bimetallic actuator, which is individually set to the corresponding rated current of the connected high-frequency tool, prevents premature or late activation in the event of brief overloading. The motor safety plug is fitted on the high-frequency power tool's connector cable instead of the normal male connector. The motor safety plug consists of a CEE plug, thermal actuators with temperature compensation and a rotary activation toggle. suited to the 869 series, setting range 9 - 12.5 A

Model	Part number
16 A	3 07 56 089 00 1
32 A	3 07 56 097 00 8



Motor protection plug
FEIN's motor safety plugs provide reliable overload protection for high-frequency power tools. A bimetallic actuator, which is individually set to the corresponding rated current of the connected high-frequency tool, prevents premature or late activation in the event of brief overloading. The motor safety plug is fitted on the high-frequency power tool's connector cable instead of the normal male connector. The motor safety plug consists of a CEE plug, thermal actuators with temperature compensation and a rotary activation toggle. suited to the HF 9, 843, 849 series, setting range 4 - 6.3 A

Model	Part number
16 A	3 07 56 087 00 9
32 A	3 07 56 095 00 1



Motor protection plug
FEIN's motor safety plugs provide reliable overload protection for high-frequency power tools. A bimetallic actuator, which is individually set to the corresponding rated current of the connected high-frequency tool, prevents premature or late activation in the event of brief overloading. The motor safety plug is fitted on the high-frequency power tool's connector cable instead of the normal male connector. The motor safety plug consists of a CEE plug, thermal actuators with temperature compensation and a rotary activation toggle. suited to the 870 series, setting range 12.5 - 16 A

Model	Part number
16 A	3 07 56 090 00 3
32 A	3 07 56 098 00 6



Motor protection plug
FEIN's motor safety plugs provide reliable overload protection for high-frequency power tools. A bimetallic actuator, which is individually set to the corresponding rated current of the connected high-frequency tool, prevents premature or late activation in the event of brief overloading. The motor safety plug is fitted on the high-frequency power tool's connector cable instead of the normal male connector. The motor safety plug consists of a CEE plug, thermal actuators with temperature compensation and a rotary activation toggle. suited to the 852 series, setting range 6.3 - 9 A

Model	Part number
16 A	3 07 56 088 00 7
32 A	3 07 56 096 00 4

GENERAL ACCESSORIES FOR FREQUENCY CONVERTERS



Assembly socket
over 50 V, 16 A, 100 - 300 Hz,
10 h, 3 P+E

Part number
3 07 28 141 00 8



Wall socket
over 50 V, 16 A, 100 - 300 Hz,
10 h, 3 P+E

Part number
3 07 28 137 00 5

Wall socket
over 50 V, 32 A, 100 - 300 Hz,
10 h, 3 P+E

Part number
3 07 28 138 00 3

DEVICE COMBINATION



Device combination
for MO 83 - 7.5 KSR

Part number
3 07 49 065 00 9



Device combination
for MO 83 - 11 KSR

Part number
3 07 49 073 00 6



Device combination
for MO 83 - 15 KSR

Part number
3 07 49 067 00 6



Device combination
for MO 83 - 20 KSR

Part number
3 07 49 068 00 4



Device combination
for MO 83 - 25 KSR /
MO 83 - 30 KSR

Part number
3 07 49 069 00 8



Device combination
for MO 83 - 45 KSR

Part number
3 07 49 070 00 0

ACCESSORIES FOR MO 83 - 25 KSR, MO 83 - 30 KSR, MO 83 - 45 KSR

Anti vibration mounts
4 items required for each frequency converter.

Part number
3 14 15 020 00 8

ACCESSORIES FOR MO 83 - 20 KSR, MO 83 - 7.5 KSR, MO 83 - 11 KSR, MO 83 - 15 KSR

Anti vibration mounts
4 items required for each frequency converter.

Part number
3 14 15 081 00 1



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Pipe grinder for processing stainless steel pipes and elbows up to a maximum diameter of 80 mm. 73

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Fillet weld grinder for machining hard-to-reach spots on metal constructions. 74

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Extremely powerful belt file for corners and edges in stainless steel machining. 75

GRINDING STAINLESS STEEL

BRILLIANT RESULTS: WITH THE FEIN STAINLESS STEEL RANGE.

Large or small, smooth or structured, shiny or matt – the requirements of stainless steel surfaces vary greatly depending on the area of use: Visible surfaces are mainly satin-finished and containers are in some instances polished to a mirror polish. Surfaces require a different type of machining to pipes or profiles. FEIN also offers special power tools for corners and edges.



COMPACT ANGLE GRINDERS



- ▶ Universal use: Surface processing, pipes, profiles, corners and edges.
- ▶ Infinitely variable speed control: ideally suited to machining stainless steel.



ANGLE POLISHERS



- ▶ Ideal for finishing stainless steel surfaces: Satin-finishing to a mirror polish.
- ▶ Constant speed under load ensures a perfect surface result.
- ▶ Infinitely variable speed control enables versatile use of accessories.



PIPE SANDER



- ▶ Rapid work progress thanks to clasp angle of up to 180 degrees.
- ▶ Depending on belt type, the speed range can be set differently.



FILLET WELD GRINDER



- ▶ Variable use thanks to drive head that can be swivelled without the need for tools.
- ▶ Flat design for corners, angles and difficult-to-reach spots.



BELT FILE



- ▶ Large plunge depth of 165 mm for maximum material removal in tiny spaces.
- ▶ Ideal for previously fitted constructions and rework on handrails.
- ▶ Depending on belt type, the speed range can be set differently.



THE RIGHT SOLUTION FOR EVERY APPLICATION.

SURFACE	COMPACT ANGLE GRINDER	ANGLE POLISHER	PIPE SANDER	FILLET WELD SANDER	BELT SANDER
Cleaning off dirt	▲▲	▲▲	-	▲▲	▲▲
Rough material removal	▲▲	▲▲	-	▲	▲
Removing welded seams	▲▲	▲	-	▲	▲
Removing scratches	▲▲	▲▲	-	▲▲	▲▲
Removing tarnishing	▲▲	▲▲	-	▲▲	▲▲
Satin-finishing	-	▲▲	-	-	▲▲
Preparing to polish	▲▲	▲▲	-	-	▲▲
Polishing to a mirror polish	▲	▲▲	-	-	▲▲
PIPES/PROFILES					
Cleaning off dirt	▲▲	▲▲	▲▲	▲▲	▲▲
Removing scratches	▲▲	▲	▲▲	▲▲	▲▲
Removing welded seams	▲▲	-	▲	▲	▲▲
Removing tarnishing	▲▲	▲▲	▲▲	▲▲	▲▲
Satin-finishing	▲▲	▲▲	▲▲	▲▲	▲▲
Preparing to polish	▲▲	▲▲	▲▲	▲▲	▲▲
Polishing to a mirror polish	▲▲	▲▲	▲▲	▲▲	▲▲
Machining fillet welds	▲	▲	▲▲	▲▲	▲▲
CORNERS/EDGES					
Deburring	▲▲	-	-	-	▲▲
Preparing welded seams	▲▲	-	-	-	▲▲
Removing welded seams	▲▲	-	-	▲▲	▲
Removing tarnishing	▲▲	▲▲	-	▲▲	▲▲
PAGE	72	72	73	74	75

▲▲ very suitable ▲ suitable

MATCHED TO EVERY APPLICATION: FEIN STAINLESS STEEL SETS.

The number of steps needed to bring the stainless steel surfaces up to the grinding quality required depends on the base material used, the area of use, the workpiece and the desired surface finish. FEIN makes the selection simple and provides all the consumables needed in sets of accessories, which are perfectly matched to all applications and the power tool used.



STANDARD SURFACES

- ▶ Set for standard applications in surface machining.
- ▶ Corrugated fleece is used to clean off dirt.
- ▶ Remove tarnishing to achieve a high-quality satin finish.



SURFACE GRINDING

- ▶ Effective material removal for surfaces.
- ▶ Stage prior to satin-finishing
- ▶ For removing small welded seams and very deep scratches.



SATIN-FINISHING SURFACES

- ▶ Perfect, smooth satin finish.
- ▶ Very low build-up of heat during machining.



PREPARATION FOR POLISHING

- ▶ Quickly and effectively removes scratches; optimum preparation for polishing with suitable sanding pattern.
- ▶ For polishing preparations: high sanding capacity requiring little time.



POLISHING SURFACES / PIPES / PROFILES

- ▶ Polish surfaces to a mirror finish.
- ▶ No lint build-up on the polishing rings.



STANDARD PIPES

- ▶ Set for standard applications in the machining of straight pipes.
- ▶ Clean off dirt, remove tarnishing and achieve a high-quality satin finish.



GRINDING PIPES / PROFILES

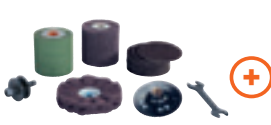



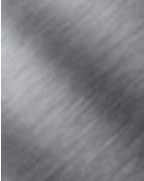











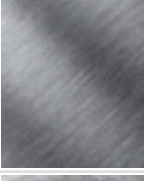
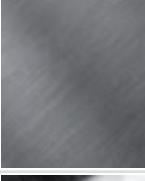



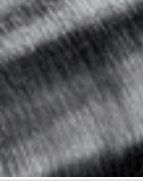









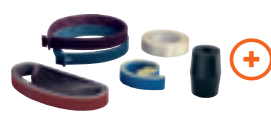
















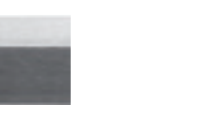

- ▶ Sand fine welded seams without damaging adjacent surfaces.
- ▶ With subsequent surface finish.



SATIN-FINISHING PROFILES

- ▶ The accessories for smooth satin finishes on profiles and narrow surfaces guarantee a perfect sanding pattern and a very low build-up of heat.
- ▶ 50 mm wide cylinders ensure effective progress.

FROM ROUGH SANDING TO MIRROR POLISH:

FEIN stainless steel sets:		Roughness depth				
 <p>Standard surfaces</p>	 <p>WPO 14-25 E</p>					
 <p>Sanding surfaces</p>	 <p>WPO 14-25 E</p>					
 <p>Satin-finishing surfaces</p>	 <p>WPO 14-25 E</p>					
 <p>Preparation for polishing Surfaces/pipes/profiles</p>	 <p>WSG 17-70 INOX</p>					
 <p>Polishing Surfaces/pipes/profiles</p>	 <p>WPO 14-25 E</p>					
 <p>Standard pipes</p>	 <p>WPO 14-25 E</p>					
 <p>Sanding Pipes/profiles</p>	 <p>WSG 17-70 INOX</p>					
 <p>Satin-finishing profiles</p>	 <p>WPO 14-25 E</p>					

Grinding stainless steel

GRINDING STAINLESS STEEL



WSG 17-70 INOX

WSG 17-70 INOX STARTER SET

WPO 14-25 E

WPO 14-25 E - STAINLESS STEEL START SET

The specialist tool with variable speed for stainless steel processing.

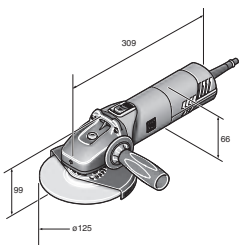
Stainless steel starter set for preparing to finish surfaces, pipes and profiles.

Extremely powerful sander/polisher for cool machining of stainless steel surfaces.

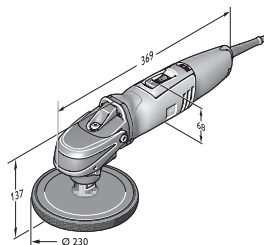
Stainless steel starter set for standard applications in surface machining.

		72	72	72	73	
Application	Seite					
	Polishing	▲▲	▲▲	▲▲	▲▲	
	Rough sanding	▲▲	▲▲	▲▲	▲▲	
	Fine sanding	▲▲	▲▲	▲▲	▲▲	
	Dry sanding	▲▲	▲▲	▲▲	▲▲	
Equipment	Micro-sanding	▲▲	▲▲	▲▲	▲▲	
	Soft start	●	●	●	●	
	Restart protection	●	●	●	●	
	FEIN high-power motor	●	●	●	●	
	Spindle lock	●	●	●	●	
Technical data	Input	W	1 700	1 700	1 200	1 200
	Output	W	1 000	1 000	750	750
	Speed, no load	rpm	2 700 - 8 500	2 700 - 8 500	900 - 2 500	900 - 2 500
	Sanding pad Ø	mm		125	230	230
	Polishing disc Ø	mm		125	230	230
	Minimum wall clearance	mm				
	Belt speed	m/sec				
	Pipes up to Ø	mm				
	Belt size	mm				
	Mounting thread		M 14	M 14	M 14	M 14
	Peripheral speed	m/sec				
	Tool diameter	mm				
	Cable with plug	m	4	4	4	4
Weight according to EPTA	kg	2,40	2,40	2,50	2,50	

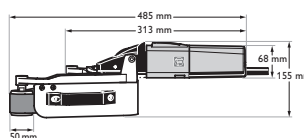
▲▲ optimal suitability ● included



WSG 17-70 Inox
WSG 17-70 Inox starter set



WPO 14-25 E
WPO 14-25 E - Stainless steel start set



RS 12-70 E
RS 12-70 E - Professional stainless steel set



RS 10-70 E Start set



	RS 12-70 E	RS 12-70 E – PROFESSIONAL STAINLESS STEEL SET	RS 10-70 E START-SET	KS 10-38 E SET	BF 10-280 E	BF 10-280 E START-SET
	Pipe sander with extremely high sanding capacity for stainless steel pipes and pipe bends up to 80 mm in diameter.	Stainless steel starter set for standard applications in pipe machining.	Handy, compact pipe sander for stainless steel pipes with a diameter of up to Ø 45 mm.	Fillet weld grinder for difficult-to-reach spots in metal constructions.	Extremely powerful belt file for corners and edges in stainless steel machining.	Start set belt file for corners and edges in stainless steel machining.
	73	73	74	74	75	75
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	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
	●	●	●	●	●	●
	●	●	●	●	●	●
	●	●	●	●	●	●
	1 200	1 200	800	800	800	800
	750	750	550	550	550	550
	2 700 - 7 000	2 700 - 7 000	2 500 - 7 000	1 350 - 3 750	10 000 - 28 000	10 000 - 28 000
	50	50	50			
	22	22	3,5 - 11		12 - 32	12 - 32
	8 - 80	8 - 80	8 - 45			
					520 x 3/6/20	520 x 3/6/20
				29,5		
				150		
	4	4	4	4	4	4
	3,80	3,80	2,90	3,20	2,10	2,10



KS 10-38 E set



BF 10-280 E
BF 10-280 E Start-Set

WSG 17-70 INOX



For accessories, see page 76

Supplied

1 wheel guard, 1 pair of flanges,
1 anti-vibration handle, 1 key

The specialist tool with variable speed for stainless steel processing.

Input	W	1 700
Output	W	1 000
Speed, no load	rpm	2 700 - 8 500
Grinding disc Ø	mm	125
Elast. Backing pad Ø	mm	125
Flange		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 13 60
--------------------	--------------------

BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Variable speed allows various tools to be used for applications ranging from satin-finishing to sanding stainless steel.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.

PRODUCT FEATURES

- ▶ The lightest and shortest model of its kind.
- ▶ Blockage monitoring.
- ▶ Restart protection.
- ▶ Soft start.
- ▶ Electronic overload protection.
- ▶ Solid metal gearbox head.
- ▶ H 07 industrial cable.
- ▶ The best vibration performance in its class.

WSG 17-70 INOX STARTER SET



For accessories, see page 76

Supplied

1 serrated sanding disc, medium, 1 finishing disc (diameter 125 mm), 5 each of Pyramix sanding sheet, perforated, diameter 115 mm (grit 280, 400, 800), 25 sanding sheets (grit 80, diameter 115 mm), 1 cooling backing pad (diameter 75 mm, M14), 1 supporting plate with velcro adhesion section (Ø 115 mm, M14), 1 plastic carrying case

Stainless steel starter set for preparing to finish surfaces, pipes and profiles.

Input	W	1 700
Output	W	1 000
Sanding pad Ø	mm	125
Speed, no load	rpm	2 700 - 8 500
Polishing disc Ø	mm	125
Mounting thread		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,40

Part number	7 222 13 61
--------------------	--------------------

BENEFITS OF USE

- ▶ Carbon brushes last up to 30 % longer and tool removes more material than comparable angle grinders.
- ▶ Variable speed allows various tools to be used for applications ranging from satin-finishing to sanding stainless steel.
- ▶ POWERtronic for enormous power, power reserve and exceptional speed stability under load.

PRODUCT FEATURES

- ▶ Industrial cable H07, length 4m.
- ▶ The best vibration performance in its class.
- ▶ Restart protection.
- ▶ Solid metal gearbox head for maximum robustness and service life.
- ▶ Electronic overload protection.
- ▶ Blockage monitoring.
- ▶ The lightest and shortest model of its kind.
- ▶ Soft start.

WPO 14-25 E



For accessories, see page 76

Supplied

1 anti-vibration handle

Extremely powerful sander/polisher for cool machining of stainless steel surfaces.

Input	W	1 200
Output	W	750
Sanding pad Ø	mm	230
Speed, no load	rpm	900 - 2 500
Polishing disc Ø	mm	230
Mounting thread		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,50

Part number	7 221 49
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BENEFITS OF USE

- ▶ Extremely powerful even at low speeds thanks to mechanical gear reduction and FEIN high power motor.
- ▶ Infinitely variable speed, ideal for sanding, satin finishing, brushing and high-gloss polishing of stainless steel.
- ▶ Universal suitability as fully-functional sander, polisher and satin-finisher.

PRODUCT FEATURES

- ▶ Excellent handling.
- ▶ Spindle lock.
- ▶ Right or left-handed operation.
- ▶ Restart protection.
- ▶ Soft start.
- ▶ H 07 industrial cable.
- ▶ Dustproof ball bearing.
- ▶ Carbon brushes with self cut-off function.
- ▶ Comprehensive range of accessories available.



WPO 14-25 E - STAINLESS STEEL START SET



For accessories, see page 76

Supplied

1 holder, rotating, safety guard, 1 work arbour, 1 corrugated sanding fleece, 1 supporting plate with velcro adhesion section (Ø 115 mm, M14), 10 sanding fleeces with velcro (Ø 115 mm, fine), 1 elastic sanding roller (100 x 100 mm, grain 60), 1 lamella fleece cylinder (100 x 100 mm, grain 180), 2 keys, 1 anti-vibration handle, 1 plastic carrying case

Stainless steel starter set for standard applications in surface machining.

Input	W	1 200
Output	W	750
Sanding pad Ø	mm	230
Speed, no load	rpm	900 - 2 500
Polishing disc Ø	mm	230
Mounting thread		M 14
Cable with plug	m	4
Weight according to EPTA	kg	2,50

Part number	7 221 49 50
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BENEFITS OF USE

- ▶ Extremely powerful even at low speeds thanks to mechanical gear reduction and FEIN high power motor.
- ▶ Infinitely variable speed, ideal for sanding, satin finishing, brushing and high-gloss polishing of stainless steel.
- ▶ Universal suitability as fully-functional sander, polisher and satin-finisher.

PRODUCT FEATURES

- ▶ Excellent handling.
- ▶ Spindle lock.
- ▶ Right or left-handed operation.
- ▶ Restart protection.
- ▶ Soft start.
- ▶ H 07 industrial cable.
- ▶ Dustproof ball bearing.
- ▶ Carbon brushes with self cut-off function.
- ▶ Wide range of accessories.

RS 12-70 E



For accessories, see page 76

Pipe sander with extremely high sanding capacity for stainless steel pipes and pipe bends up to 80 mm in diameter.

Input	W	1 200
Output	W	750
Speed, no load	rpm	2 700 - 7 000
Minimum wall clearance	mm	50
Belt speed	m/sec	22
Pipes up to Ø	mm	8 - 80
Cable with plug	m	4
Weight according to EPTA	kg	3,80

Part number	7 221 13 50
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BENEFITS OF USE

- ▶ Effective sanding of welded seams thanks to optimum cutting speeds of the sanding belts.
- ▶ Infinitely variable speed for sanding, satin-finishing and high-gloss polishing of ready-fitted hand rails.
- ▶ Flexible sanding belts optimally adapt to even narrow pipe bends, creating surfaces without awkward transitions.

PRODUCT FEATURES

- ▶ 360° peripheral sanding in just 2 steps.
- ▶ Optional guide pulleys for narrow distances from the wall.
- ▶ Restart protection.
- ▶ Dustproof ball bearing.
- ▶ Carbon brushes with self cut-off function.
- ▶ Wide range of accessories.

RS 12-70 E - PROFESSIONAL STAINLESS STEEL SET



For accessories, see page 76

Supplied

2 x 10 pcs. polishing belts, 20 x 815 mm P120/P180, 2 x 10 pcs. polishing belts, 40 x 815 mm P120/P180, 5 fleece belts 20 x 820 mm very fine, 1 plastic carrying case

Stainless steel starter set for standard applications in pipe machining.

Input	W	1 200
Output	W	750
Speed, no load	rpm	2 700 - 7 000
Minimum wall clearance	mm	50
Belt speed	m/sec	22
Pipes up to Ø	mm	8 - 80
Cable with plug	m	4
Weight according to EPTA	kg	3,80

Part number	7 221 13 51
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BENEFITS OF USE

- ▶ Effective sanding of welded seams thanks to optimum cutting speeds of the sanding belts.
- ▶ Infinitely variable speed for sanding, satin-finishing and high-gloss polishing of ready-fitted hand rails.
- ▶ Flexible sanding belts optimally adapt to even narrow pipe bends, creating surfaces without awkward transitions.

PRODUCT FEATURES

- ▶ 360° peripheral sanding in just 2 steps.
- ▶ Optional guide pulleys for narrow distances from the wall.
- ▶ Restart protection.
- ▶ Wide range of accessories.
- ▶ Dustproof ball bearing.
- ▶ Carbon brushes with self cut-off function.

RS 10-70 E START SET



For accessories, see page 76

Supplied

10 each of grinding belts (grit 120, 180),
5 fleece belts (fine), 1 plastic carrying case

Handy, compact pipe sander for stainless steel pipes with a diameter of up to \varnothing 45 mm.

Input	W	800
Output	W	550
Speed, no load	rpm	2 500 - 7 000
Minimum wall clearance	mm	50
Belt speed	m/sec	3,5 - 11
Pipes up to \varnothing	mm	8 - 45
Cable with plug	m	4
Weight according to EPTA	kg	2,90

Part number	7 221 66 60
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BENEFITS OF USE

- ▶ FEIN high-power motor for constant speed even when loaded.
- ▶ Optimum belt speeds for effective use of various grinding, fleece and polishing belts.
- ▶ Extremely easy to use - grinding arm can be swivelled, tool-free belt installation and adjustment.

PRODUCT FEATURES

- ▶ Automatic belt adjustment.
- ▶ Perfect belt guidance.
- ▶ Clasp angle of up to 180°.
- ▶ Infinitely variable speed, ideal for protecting sensitive surfaces.
- ▶ Soft start.
- ▶ Restart protection.
- ▶ H 07 industrial cable.
- ▶ Comprehensive range of accessories available.

KS 10-38 E SET



For accessories, see page 76

Supplied

1 anti-vibration handle, Medium fleece discs, diameter 150 mm, one 3 mm thick and one 6 mm thick, Fine fleece discs, diameter 150 mm, one 3 mm thick and one 6 mm thick, Profiling stone for profiling the fleece discs, 1 plastic carrying case

Fillet weld grinder for difficult-to-reach spots in metal constructions.

Input	W	800
Output	W	550
Speed, no load	rpm	1 350 - 3 750
Peripheral speed	m/sec	30
Tool diameter	mm	150
Cable with plug	m	4
Weight according to EPTA	kg	3,20

Part number	7 221 67 60
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BENEFITS OF USE

- ▶ Flexible use thanks to drive head that can be swivelled without the need for tools.
- ▶ Flat design for corners, angles and difficult-to-reach spots.
- ▶ Long belt drive service life thanks to zero-maintenance tensioning system.

PRODUCT FEATURES

- ▶ Spindle brake for quick tool changes.
- ▶ Spark hood can be adjusted and removed without the need for tools.
- ▶ Electronic speed setting.
- ▶ Made in Germany quality.
- ▶ H 07 industrial cable.
- ▶ Soft start.
- ▶ Restart protection.



BF 10-280 E



For accessories, see page 76

Supplied

1 stepped grinding arm

Extremely powerful belt file for corners and edges in stainless steel machining.

Input	W	800
Output	W	550
Speed, no load	rpm	10 000 - 28 000
Belt speed	m/sec	12 - 32
Belt size	mm	520 x 3/6/20
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 228 05 50
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BENEFITS OF USE

- ▶ FEIN high-power motor for highly effective material removal and constant speed even at high loads.
- ▶ Optimum belt speeds for effective use of various grinding, fleece and polishing belts.
- ▶ Extremely easy to handle - tool-free, grinding arm can be swivelled 180°, tool-free belt installation and adjustment.

PRODUCT FEATURES

- ▶ Perfect belt guidance.
- ▶ Belt widths of between 3 and 20 mm.
- ▶ Infinitely variable speed, ideal for protecting sensitive surfaces.
- ▶ Stepped and straight grinding arms for a variety of applications.
- ▶ Soft start.
- ▶ Restart protection.
- ▶ H 07 industrial cable.
- ▶ Comprehensive range of accessories available.

BF 10-280 E START-SET



For accessories, see page 76

Supplied

3 grinding arms (1 each of 3/6 mm stepped, 6 mm straight, 20 mm straight), 10 grinding belts, 3 mm (grit 120), 10 grinding belts, 6 mm (grit 120), 10 grinding belts, 20 mm (grit 120), 5 fleece belts, 6 mm (medium), 1 plastic carrying case

Start set belt file for corners and edges in stainless steel machining.

Input	W	800
Output	W	550
Speed, no load	rpm	10 000 - 28 000
Belt speed	m/sec	12 - 32
Belt size	mm	520 x 3/6/20
Cable with plug	m	4
Weight according to EPTA	kg	2,10

Part number	7 228 05 51
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BENEFITS OF USE

- ▶ FEIN high-power motor for highly effective material removal and constant speed even at high loads.
- ▶ Extremely easy to handle - tool-free, grinding arm can be swivelled 180°, tool-free belt installation and adjustment.
- ▶ Start set with stepped and straight grinding arms for a variety of applications, ceramic grinding belts for effective machining of welded seams and fleece belts for finishing work in various widths.

PRODUCT FEATURES

- ▶ Optimum belt speeds.
- ▶ Perfect belt guidance.
- ▶ Belt widths of between 3 and 20 mm.
- ▶ Infinitely variable speed, ideal for protecting sensitive surfaces.
- ▶ Soft start.
- ▶ Restart protection.
- ▶ H 07 industrial cable.
- ▶ Comprehensive range of accessories available.

GENERAL ACCESSORIES



anti-vibration handle
M 8, vibration absorbing, to reduce the vibrations during longer jobs.

Part number
3 21 19 124 01 0



Tool case
Plastic, inner dimensions: 470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box
Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number
3 39 01 119 00 0



Tool case
Plastic, inner dimensions: 470 x 275 x 232 mm

Part number
3 39 01 122 01 0



Pre-polishing cream, red
for pre-polishing

Part number
6 37 26 008 01 2



Colouring paste, white
for buffing and high-gloss polishing

Part number
6 37 26 009 01 6



Microfibre cloth
Fine weave quality for cleaning polishing residue. Hem-free version means no scratches and no lint

Part number
6 37 33 003 01 0



Stainless steel masking tape
To protect stainless steel surfaces from scratches when sanding. Perfect for use with grinding of mitre joints on welded stainless steel profiles. The covered side is protected by masking tape when sanding, satin-finishing or matting.

L m	Part number
5	6 37 33 010 01 0

ACCESSORIES FOR RS 12-70 E



Basic pipe sander set
Cleaning off dirt, removing scratches and achieving a perfect satin finish. Consisting of: 2 x 10 grinding belts, 20 x 815 mm, P 120/P180; 2 x 10 grinding belts, 40 x 815 mm, P120/P180; 5 fleece belts, 20 x 820 mm, very fine 280

Part number
6 37 14 050 02 1



Pipe sander polishing set
From preparing to polish to achieving a perfect mirror polish. Consisting of: 2 x 10 grinding belts, 20 x 815 mm, P320/P400; 1 x 3 polishing belts, 20 x 815 mm; 1 tube pre-polishing cream, red (200ml); 1 tube colouring paste, white (200ml)

Part number
6 37 14 052 02 3



Ceramic sanding belts
Maximum material removal and very long service life. Also suitable for removing fine welded seams

Grain	Dimensions mm	No. in pack pcs	Part number
80	20 x 815	10	6 37 14 130 01 0
80	40 x 815	10	6 37 14 131 01 0



Grinding belts
Highly flexible sanding belts, ideal for sanding pipe bends 20 x 815 mm

Grain	No. in pack pcs	Part number
120	10	6 37 14 050 01 5
180	10	6 37 14 051 01 4
320	10	6 37 14 052 01 7
400	10	6 37 14 053 01 1



Grinding belts
Highly flexible sanding belts, ideal for sanding pipe bends 40 x 815 mm

Grain	No. in pack pcs	Part number
120	10	6 37 14 054 01 9
180	10	6 37 14 055 01 3



Fleece strips
Very soft version for smooth surfaces, even with tight pipe bends 20 x 815 mm

Grain	No. in pack pcs	Part number
80	5	6 37 14 056 01 6
120	5	6 37 14 057 01 0
280	5	6 37 14 058 01 8



Polishing belts
20 x 815 mm, very soft version, for smooth mirror polish even with tight pipe bends

Part number
6 37 26 010 01 8



Rotating roller
For narrow spaces (distance from wall 50 mm)

Part number
3 13 35 017 01 1

ACCESSORIES FOR BF 10-280 E



Stepped grinding arm

Belt width mm	Part number
3/6	6 38 10 026 01 0



Straight grinding arm

Belt width mm	Part number
6	6 38 10 027 01 0
20	6 38 10 030 01 0



Ceramic grinding belt
Maximum material removal and very long service life. Also suitable for removing fine welded seams Pack of 10, 520 mm long.

Grain	Width mm	Part number
80	3	6 37 14 061 01 0
120	3	6 37 14 062 01 0
180	3	6 37 14 063 01 0
80	6	6 37 14 068 01 0
120	6	6 37 14 069 01 0
180	6	6 37 14 070 01 0
80	20	6 37 14 089 01 0
120	20	6 37 14 090 01 0
180	20	6 37 14 091 01 0



Fleece belt
Soft version for smooth surfaces. Pack of 5, 520 mm long.

Width mm	Model	Part number
6	course	6 37 14 114 01 0
6	medium	6 37 14 115 01 0
6	fine	6 37 14 116 01 0
20	course	6 37 14 123 01 0
20	medium	6 37 14 124 01 0
20	fine	6 37 14 125 01 0



Polishing belt
Soft version, for a smooth mirror polish in conjunction with FEIN polishing pastes. Pack of 3, 520 mm long.

Width mm	Part number
6	6 37 26 016 01 0
20	6 37 26 019 01 0

ACCESSORIES FOR WSG 17-70 INOX



Quick-clamping nut
to change discs without need for tool, low height of just 8 mm

Part number
6 38 02 191 01 0



Work gloves

Vibration-attenuating, certified according to EN 388/420, EN ISO 10819, EEC No. 0200, No. in pack 1 pair

Size	Part number
9 L	3 21 73 003 00 3
10 XL	3 21 73 004 00 1
11 XXL	3 21 73 005 00 5



Wheel guard

for serrated and roughing discs

Ø mm	Part number
125	3 18 10 300 00 0



Safety hood for cutting work
for safe working with cutting wheels

Ø mm	Part number
125	6 38 11 017 01 0



Inner flange

Part number
6 38 01 182 01 0



Threaded flange

M 14, for flexible grinding/cutting discs, fan-pattern grinding wheels and round brush

Part number
6 38 02 052 00 0



Threaded flange

M 14, for elastic backing pad and for twisted steel wire brush

Part number
6 38 01 154 00 7



Elastic backing pad

with flange M 14, for fibre sanding sheets Ø 125 mm

Ø mm	Part number
125	6 38 06 087 01 3



Backing pad

M 14, Ø 125 mm, with Velcro attachment, for sanding sheets with Velcro rapid attachment

Ø mm	Part number
115	6 38 06 168 01 2



Backing pad

with Velcro attachment, for working with sanding fleece, M 14

Ø mm	Part number
115	6 38 06 172 01 0



Fleece sanding discs

Ø 115 mm, with Velcro attachment, for use with support plate 6 38 06 172 01 0

Model	No. in pack pcs	Part number
course	10	6 37 32 001 01 8
medium	10	6 37 32 002 01 1
fine	10	6 37 32 003 01 5



Cool sanding pad

Rear-ventilated backing pad, ideal for Pyramix sanding discs

Ø mm	Part number
115	6 38 06 193 01 0



Cool sanding pad

Rear-ventilated backing pad, ideal for Pyramix sanding discs for use when the outer edge of the sanding discs has been removed.

Ø mm	Part number
75	6 38 06 196 01 0



Sanding sheets

Ø 115 mm, for removing very deep scratches and fine welded seams

Grain	No. in pack pcs	Part number
80	25	6 37 28 135 01 0



Pyramix sanding sheet

The Pyramix hook and loop sanding disc features a new perforation pattern which means it can now also be used after the first edge has been worn away. Ø 115 mm. For removing deep scratches

Grain	No. in pack pcs	Part number
280	5	6 37 17 239 01 0
280	25	6 37 17 239 02 0



Pyramix sanding sheet

The Pyramix hook and loop sanding disc features a new perforation pattern which means it can now also be used after the first edge has been worn away. Ø 115 mm. For removing minor scratches, creating sanding pattern, reducing roughness depth

Grain	No. in pack pcs	Part number
400	5	6 37 17 240 01 0
400	25	6 37 17 240 02 0



Pyramix sanding sheet

The Pyramix hook and loop sanding disc features a new perforation pattern which means it can now also be used after the first edge has been worn away. Ø 115 mm. For removing very minor scratches, creating sanding pattern, reducing roughness depth

Grain	No. in pack pcs	Part number
800	5	6 37 17 241 01 0
800	25	6 37 17 241 02 0



Pyramix sanding sheet

The Pyramix hook and loop sanding disc features a new perforation pattern which means it can now also be used after the first edge has been worn away. Ø 115 mm. Reducing roughness depth, optimum preconditions for subsequent polishing

Grain	No. in pack pcs	Part number
1 400	5	6 37 17 242 01 0
1 400	25	6 37 17 242 02 0



Flap wheel

diameter 125 mm, M 14

Grain	Part number
120	6 37 21 052 01 0



Finishing disc

Ø 125 mm, for final finish

Part number
6 37 32 005 01 0



Serrated sanding disc

For removing welded seams without damaging adjacent surfaces. Depending on the thickness of the welded seam, the user can choose between serrated sanding discs.

Ø mm	Model	No. in pack pcs	Part number
125	soft	5	6 37 30 019 01 0
125	medium	5	6 37 30 021 01 0
125	medium	10	6 37 30 018 01 0
125	course	5	6 37 30 020 01 0



Stainless steel set for grinding pipes / profiles

Sand fine welded seams without damaging adjacent surfaces. With subsequent surface finish. Consisting of: 10 x medium serrated grinding discs (6 37 30 018 01 0), 1 flap wheel, grit 120 (6 37 21 052 01 0), 1 finishing disc (6 37 32 005 01 0).

Part number
6 37 21 052 02 0



Stainless steel set – Preparing to polish surfaces / pipes / profiles

Quickly and effectively removes scratches; optimum preparation for polishing with matched sanding pattern; when preparing for polishing: effective material removal in little time. Consisting of: 5 Pyramix sanding sheets, grit 280 (6 37 17 239 01 0), 5 Pyramix sanding sheets, grit 400 (6 37 17 240 01 0), 5 sanding sheets, grit 800 (6 37 17 241 01 0), 5 Pyramix sanding sheets, grit 1400 (6 37 17 242 01 0), 1 cooling backing pad, Ø 75 mm (6 38 06 196 01 0), 25 sanding sheets, grit 80 (6 37 28 135 01 0), 1 cooling backing pad, Ø 115 mm (6 38 06 193 01 0)

Part number

6 38 06 193 04 0



Felt serrated disc

For polishing and pre-polishing stainless steel. Because of the lamella, the felt doesn't "burn" and polishing without streaks is possible. Only use with polishing paste (pre-polishing = pre-polishing paste, high-gloss polishing = colouring paste).

Ø mm	Model	Part number
125	soft	6 37 23 037 01 0
125	medium	6 37 23 038 01 0

ACCESSORIES FOR KS 10-38 E



Fleece disc

Very high sanding capacity for sanding, descaling and satin-finishing fillet welds.

Ø mm	Thickness mm	Model	Part number
150	7	very course	6 37 34 008 01 0



Fleece disc

With a high sanding capacity for sanding, descaling and satin-finishing fillet welds.

Ø mm	Thickness mm	Model	Part number
150	3	course	6 37 34 001 01 0
150	6	course	6 37 34 002 01 0



Fleece disc

For sanding, levelling, descaling and fine satin-finishing of fillet welds. Removes scratches on profiles and surfaces with ease.

Ø mm	Thickness mm	Model	Part number
150	3	medium	6 37 34 003 01 0
150	6	hard	6 37 34 004 01 0



Fleece disc

Removes tarnishing and minor scratches, ideal for preparing to polish fillet welds.

Ø mm	Thickness mm	Model	Part number
150	3	fine	6 37 34 005 01 0
150	6	fine	6 37 34 006 01 0



Fleece disc

For pre-polishing surfaces of fillet welds. Quickly removes tarnishing without wearing away the welded seam.

Ø mm	Thickness mm	Model	Part number
150	6	very fine	6 37 34 007 01 0



Felt disc

For polishing fillet welds to a mirror polish in conjunction with FEIN polishing paste.

Ø mm	Thickness mm	Part number
150	6	6 37 18 011 01 0



Profiling stone

For sanding the fleece discs for even fillet weld profiles.

Part number

6 37 19 011 01 0

ACCESSORY RS 10-70 E



Grinding belts

Highly flexible sanding belts, ideal for sanding pipe bends
No. in pack 10, 30 x 533 mm.

Grain	Part number
80	6 37 14 136 01 0
120	6 37 14 137 01 0
180	6 37 14 138 01 0
320	6 37 14 139 01 0
400	6 37 14 140 01 0



Fleece strips

Very soft version for smooth surfaces, even with tight pipe bends
No. in pack 5, 30 x 533 mm.

Model	Part number
course	6 37 14 141 01 0
medium	6 37 14 142 01 0
fine	6 37 14 143 01 0



Polishing belts

Very soft version for smooth mirror polish, even with tight pipe bends.
No. in pack 3, 30 x 533 mm.

Part number

6 37 14 144 01 0

ACCESSORIES FOR WPO 14-25 E



Standard stainless steel set for surfaces

Set for standard applications in surface machining: cleaning off dirt with corrugated fleece, removing tarnishing and achieving a high-quality satin finish. Consisting of: 1 elastic sanding cylinder, grit 60 (6 37 21 006 01 2), 1 lamella fleece cylinder (6 37 21 009 01 8), 1 corrugated sanding fleece (6 37 23 021 01 3), 1 fine fleece sanding disc, pack of 10 (6 37 32 003 01 5), 1 support plate (6 38 06 172 01 0), 1 work arbour (6 38 03 066 02 4), 1 pin-type face spanner (6 29 10 022 00 2), 1 open-ended spanner 19 x 22 (6 29 04 003 00 0)

Part number

6 37 21 006 04 0



Stainless steel set for grinding surfaces

Effective material removal for surfaces. Consisting of: 1 expansion cylinder (6 38 06 192 01 0), 5 sanding sleeves, grit 60 (6 37 14 132 01 0), 5 sanding sleeves, grit 80 (6 37 14 133 01 0), 5 sanding sleeves, grit 120 (6 37 14 134 01 0)

Part number

6 38 06 192 02 0



Stainless steel set for satin-finishing surfaces

Perfect smooth satin finish. Very low build-up of heat during machining. Consisting of: 1 medium elastic sanding cylinder, grit 60 (6 37 21 006 01 2), 1 fine elastic sanding cylinder, grit 180 (6 37 21 007 01 6), 1 fine sine fleece sanding cylinder, grit 180 (6 37 21 051 01 0)

Part number

6 37 21 050 02 0



Standard stainless steel set for pipes

Set for standard applications in the machining of straight pipes. Cleaning off dirt, removing tarnishing and achieving a high-quality satin finish. Consisting of: 1 grinding belt roller (6 38 06 181 01 6), 1 grinding belt, grit 60, pack of 10 (6 37 14 044 01 0), 1 grinding belt, grit 120, pack of 10 (6 37 14 045 01 4), 1 medium fleece belt (6 37 14 048 01 9), 1 fine fleece belt (6 37 14 049 01 3), 1 adhesive strip (6 38 09 004 01 9)

Part number

6 38 06 181 03 0



Stainless steel set – Satin-finishing profiles
Satin-finishing of profiles for a perfect sanding pattern. Consisting of: 1 elastic cylinder, grit 60, medium (6 37 21 054 01 0), 1 elastic cylinder, grit 180, fine (6 37 21 055 01 0), 1 sine fleece sanding cylinder, fine (6 37 21 056 01 0), 1 work arbour (6 38 03 071 02 0)

Part number
6 37 21 054 02 0



Stainless steel set for polishing surfaces / pipes / profiles
Polishing surfaces to a mirror polish. No lint build-up on the polishing rings. Consisting of: 1 sisal polishing ring (6 37 23 011 01 4), 2 rigid polishing ring cloths (6 37 23 013 01 1), 2 soft polishing ring cloths (6 37 23 014 01 9), 1 brush paste (6 37 26 027 01 0), 1 pre-polishing paste (6 37 26 028 01 0), 1 colouring paste (6 37 26 029 01 0), 1 work arbour (6 38 03 027 03 8), 1 pin-type face spanner (6 29 10 022 00 2), 1 open-ended spanner 19 x 22 (6 29 04 003 00 0)

Part number
6 37 23 011 04 0



Elastic sanding cylinder
Bore 19 mm
100 x 100 mm

Grain	Model	Part number
60	medium	6 37 21 006 01 2
180	fine	6 37 21 007 01 6



Elastic sanding cylinder
Bore 19 mm
100 x 50 mm

Grain	Model	Part number
60	medium	6 37 21 054 01 0
180	fine	6 37 21 055 01 0



Sine fleece sanding cylinder
Bore 19 mm
Ø 100 x 50 mm, with sine wave, for smooth satin finish

Grain	Model	Part number
180	fine	6 37 21 056 01 0



Sine fleece sanding cylinder
Bore 19 mm
Ø 100 x 100 mm, with sine wave, for smooth satin finish

Grain	Model	Part number
180	fine	6 37 21 051 01 0



Flap wheel
diameter 150 mm, bore 14 mm
For remedying minor mistakes and scratches

Part number
6 37 21 003 01 7



Flap wheel
diameter 150 mm, bore 14 mm
for medium brush applications

Part number
6 37 21 004 01 5



Flap wheel
diameter 150 mm, bore 14 mm
For fine brush strokes, satin finish.

Part number
6 37 21 005 01 9



Lamella fleece cylinder
diameter 100 x 100 mm,
bore 19 mm
For medium satin finish

Grain	Model	Part number
100	medium	6 37 21 008 01 4



Lamella fleece cylinder
diameter 100 x 100 mm,
bore 19 mm
For fine satin finish

Grain	Model	Part number
180	fine	6 37 21 009 01 8



Lamella fleece cylinder
diameter 100 x 100 mm,
bore 19 mm
For very fine satin finish

Grain	Model	Part number
280	very fine	6 37 21 010 01 0



Felt lamella roller
For polishing and pre-polishing stainless steel. Because of the lamella, the felt doesn't "burn" and polishing without streaks is possible. Only use with polishing paste (pre-polishing = pre-polishing paste, high-gloss polishing = colouring paste).

Model	Part number
soft	6 37 21 057 01 0
medium	6 37 21 058 01 0



Sanding fleece
with corrugated folds, width approx. 30 mm, bore hole 14 mm, for light finishing work, derusting, polishing, and decorative work

Ø mm	Part number
150	6 37 23 021 01 3
200	6 37 23 022 01 6



Fleece sanding discs
Ø 115 mm, with Velcro attachment, for use with support plate 6 38 06 172 01 0

Model	No. in pack pcs	Part number
course	10	6 37 32 001 01 8
medium	10	6 37 32 002 01 1
fine	10	6 37 32 003 01 5



Backing pad
with Velcro attachment, for working with sanding fleece, M 14

Ø mm	Part number
115	6 38 06 172 01 0



Sanding strip roll
Bore 19 mm
100 x 70 mm

Part number
6 38 06 181 01 6



Grinding belts
600 x 30 mm

Grain	No. in pack pcs	Part number
60	10	6 37 14 044 01 0
120	10	6 37 14 045 01 4
240	10	6 37 14 046 01 7

Adhesive strip
For re-fastening grinding belts in closed pipe systems, 50 m

Part number
6 38 09 004 01 9



Fleece strips
With button closure for refastening, ideal for closed pipe systems, 600 x 30 mm

Model	Part number
course	6 37 14 047 01 1
medium	6 37 14 048 01 9
fine	6 37 14 049 01 3



Polishing rings, Sisal, cloth
for - fine finishing/brushing and levelling of non-ferrous metals following preliminary sanding with grain 240-280 using polishing paste "yellow". - fine finishing/brushing and levelling of iron/steel, and stainless steel following preliminary sanding with grain 280-320 using polishing paste "yellow" - matt-shining/brushing non-ferrous metals, iron/steel, and stainless steel using polishing paste "yellow". - Preliminary polishing of iron/steel and stainless steel with preliminary polishing paste "orange" width about 30 mm, 14 mm bore

Ø mm	Part number
150	6 37 23 011 01 4
200	6 37 23 012 01 7



Polishing rings, hard cloth
Width approx. 15 mm, bore hole 14 mm, for preliminary polishing and polishing of non-ferrous metals, iron/steel, stainless steel with preliminary polishing paste "orange"

Ø mm	Part number
150	6 37 23 013 01 1
200	6 37 23 015 01 3



Polishing rings, soft cloth
Width approx. 15 mm, bore hole 14 mm, for high-gloss polishing of non-ferrous metals, iron/steel, stainless steel and chrome with final polishing paste "white"

Ø mm	Part number
150	6 37 23 014 01 9
200	6 37 23 016 01 6

Polishing rings, fleece, extra soft
Width approx. 15 mm, bore hole 14 mm, for final polishing of non-ferrous metals, iron/steel, stainless steel and many plastics with final polishing paste "white"

Ø mm	Part number
150	6 37 23 019 01 2
200	6 37 23 020 01 4



Polishing wheel
diameter 150 mm, width 60 mm, elastic, bore 14 mm for brush polishing, grain 16 (coarse), soft, "green"

Part number
6 37 13 013 01 8



Polishing wheel
diameter 150 mm, width 60 mm, elastic, bore 14 mm for delicate surfaces, grit 24 (medium), soft, "blue"

Part number
6 37 13 015 01 0

Polishing wheel
diameter 150 mm, width 60 mm, elastic, bore 14 mm for fine polishing, grit 46, soft, "brown"

Part number
6 37 13 016 01 3



Flap wheel
Width 50 mm, for polishing rust-resistant steel, bore 14 mm

Ø mm	Part number
200	6 37 21 001 00 1



Brushing paste
yellow, for Sisal/cloth for matt-shining of non-ferrous metals, iron/steel, and stainless steel

Part number
6 37 26 027 01 0



Preliminary polishing paste
orange, for firm cloth, for matt-shining and polishing of non-ferrous metals, iron/steel, and stainless steel

Part number
6 37 26 028 01 0



Rumbling paste
white, for soft cloth, for high-gloss polishing of non-ferrous metals, iron/steel, stainless steel, and chrome

Part number
6 37 26 029 01 0



Holder
for side handle, 360° rotatable

Part number
6 37 33 006 01 0



Wheel arbor
For satin-finishing tools (cylinders and rollers), tool holder Ø 19 mm

Length mm	Part number
50	6 38 03 071 02 0
100	6 38 03 067 02 8



Wheel arbor
with clamping flange M 14, for polishing rings, clamping range 15-35 mm

Part number
6 38 03 027 03 8



Wheel arbor
With wheel flange M 14, for lamella sanding discs, buffing and polishing discs, holding range 15 - 50 mm, tool mounting diameter 14 mm

Part number
6 38 03 066 02 4



Safety guard
as hand guard

Part number
3 02 29 216 00 5



Expansion roller
Bore 19 mm
Ø 100 x 100 mm, for vibration-free, secure holding of sanding sleeves

Part number
6 38 06 192 01 0



Sanding sleeve
For removing small welded seams and very deep scratches and mill scale

Grain	No. in pack pcs	Part number
60	5	6 37 14 132 01 0



Sanding sleeve
For removing deep scratches

Grain	No. in pack pcs	Part number
80	5	6 37 14 133 01 0



Sanding sleeve
For removing scratches, stage prior to satin-finishing

Grain	No. in pack pcs	Part number
120	5	6 37 14 134 01 0



Pyramix sanding sleeve
For removing scratches, stage prior to satin-finishing

Grain	No. in pack pcs	Part number
280	5	6 37 14 145 01 0
400	5	6 37 14 146 01 0
600	5	6 37 14 147 01 0
1 400	5	6 37 14 148 01 0





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BELT GRINDING

PROFESSIONAL BELT GRINDING: IN MANUAL TRADES AND INDUSTRY.

GRIT belt grinders are designed for all applications in manual trades and industry: Surface, centreless or longitudinal grinding and pipe notching. Even when working on profiles, pipes or square pipes, the powerful grinding systems are reliable and cost-effective. Users can choose between standalone solutions or modular grinding systems. To suit every job: hand-guided, mobile, semi-stationary or stationary.



HAND-GUIDED BELT GRINDING



- ▶ Effective material removal.
- ▶ 3 x faster than an angle grinder for chamfering and removing welded seams.
- ▶ Can be used as a mobile or stationary tool.



GRIT GX



- ▶ Short retooling times on pipe notchers and rotary grinders.
- ▶ Modular tool system: can be put together to suit all applications.
- ▶ 75 mm belt width.



GRIT GI



- ▶ Modular tool system: Belt, centreless and longitudinal grinding and pipe notching.
- ▶ Cost-effective for partially automated production processes.
- ▶ Efficient for large batch sizes.
- ▶ 75 or 150 mm belt width.



GRIT GKS



- ▶ Requires little space.
- ▶ Perfect value for money.
- ▶ 75 mm belt width.



Belt grinding

UNIVERSAL.

GHB – HAND-GUIDED BELT GRINDING.

The hand-guided belt grinding system from GRIT by FEIN has a number of modules, offering flexible working from just one tool. Quick, tool-free conversion to other applications in less than 45 seconds means that the tool can be used for both stationary and mobile applications and make it an efficient alternative to angle grinders. Suited to metal removal, surface processing and stainless steel.



BELT GRINDING



- ▶ Basic machine for flexible use.
- ▶ Effective material removal.
- ▶ 3 x faster than an angle grinder for chamfering and removing welded seams.
- ▶ Can be used as a mobile or stationary tool.



EDGE GRINDING



- ▶ The GHB module for efficient chamfering, even of large workpieces.
- ▶ With infinitely variable chamfering angle.



PIPE NOTCHING



- ▶ Exact radii in one go, on-site or stationary in the workshop.
- ▶ The most effective and most cost-effective solution for pipe processing with small batch sizes.



GRINDING SECTION



- ▶ Grind long welded seams or large areas comfortably and reliably.
- ▶ With innovative optical guidance assistance for exact, straight grinding lines.
- ▶ Also available with guide rod as an option.



GHB 15-50 / INOX



Module



GHBD



GHB 15-50 / INOX



Module



GHBK



GHB 15-50 / INOX



Module



GHBR



GHB 15-50 / INOX



Module



GHBML



HAND-GUIDED BELT GRINDERS



Tool guidance

The positions of the handle and flange-mounted motor can be adjusted flexibly: at a 90 and a 180 degree angle – allowing you to control the tool comfortably in any position.



Flexible for pipes

Achieve professional results on pipes and profiles too with the round recess.

GRIT GHB 15-50



For accessories, see page 91

Supplied

1 grinding belt 50 x 1,000 mm (K 36)

Powerful handheld belt grinder for flexible on-site use.

Input	kW	1,5
Current/Voltages		1 x 230 V
Speed, no load	rpm	8 500
Belt size	mm	50 x 1 000
Cable with plug	m	4
Weight according to EPTA	kg	5,60

Part number	7 903 21
--------------------	-----------------

BENEFITS OF USE

- ▶ Hand-guided alternative for angle grinders.
- ▶ Stationary use possible with table holder.
- ▶ Patented tool-free belt clamping system.

PRODUCT FEATURES

- ▶ Continuously adjustable flange-mounted motor.
- ▶ anti-vibration handle
- ▶ Very short tooling time for stationary belt grinding.
- ▶ Height-adjustable table for flat grinding.

GRIT GHB 15-50 INOX



For accessories, see page 91

Supplied

1 grinding belt 50 x 1,000 mm (K 36)

Universal handheld belt grinder for on-site problem-solving, ideal for stainless steel processing.

Input	kW	1,5
Current/Voltages		1 x 230 V
Speed, no load	rpm	2 500 - 7 900
Belt size	mm	50 x 1 000
Cable with plug	m	4
Weight according to EPTA	kg	5,60

Part number	7 903 22
--------------------	-----------------

BENEFITS OF USE

- ▶ Hand-guided alternative for angle grinders for trades and industry.
- ▶ Stationary use possible with table holder.
- ▶ Patented tool-free belt clamping system.

PRODUCT FEATURES

- ▶ Continuously adjustable flange-mounted motor.
- ▶ anti-vibration handle
- ▶ Very short tooling time for stationary belt grinding.
- ▶ Height-adjustable table for flat grinding.



GRIT GHBD



For accessories, see page 91

Module for stationary belt grinding.

Dimensions LxWxH	mm	560 x 240 x 230
Belt size	mm	50 x 1 000
Weight	kg	5,80

Part number 9 90 01 012 00 0

BENEFITS OF USE

- ▶ Transforms hand-guided GHB into a stationary belt grinder.
- ▶ Perfect chamfering thanks to adjustable grinding table.
- ▶ Process profiles & pipes on the grinding table.

PRODUCT FEATURES

- ▶ Designed for heavy-duty use.

GRIT GHBM



For accessories, see page 91

Module for mobile surface processing.

Dimensions LxWxH	mm	430 x 252 x 166
Belt size	mm	50 x 1 000
Weight	kg	5,00

Part number 9 90 01 012 01 0

BENEFITS OF USE

- ▶ Minimal effort required when grinding long welded seams thanks to roller guide.
- ▶ Convert to a different application in under 45 seconds.
- ▶ Homogeneous surfaces in one work step.

PRODUCT FEATURES

- ▶ Low-fatigue machining of large areas.

GRIT GHBR



For accessories, see page 91

Module for stationary pipe notching.

Dimensions LxWxH	mm	700 x 240 x 207
Belt size	mm	50 x 1 150
Weight	kg	13,00

Part number 9 90 01 012 02 0

BENEFITS OF USE

- ▶ Can also be used on site.
- ▶ Easily process pipes with different diameters.
- ▶ Exact radii in one work step.

PRODUCT FEATURES

- ▶ Contact rollers for different pipe diameters.
- ▶ Use only with GHB15-50 INOX.

GRIT GHBML



For accessories, see page 91

Supplied

1 dust collecting vessel, 1 anti-vibration handle, 1 guide with lateral continuous adjustment

Module with guide rod for mobile surface processing.

Dimensions LxWxH	mm	870 x 400 x 920
Belt size	mm	50 x 1 000
Weight	kg	10,80

Part number	9 90 01 012 03 0
--------------------	-------------------------

BENEFITS OF USE

- ▶ Comfortable and ergonomic. Adjustable guide rod enables upright working.
- ▶ Minimal effort required when grinding long welded seams thanks to roller guide.
- ▶ Innovative, optical guide for straight sanding lines. With lateral continuous adjustment. Laser pointers can be fastened.

PRODUCT FEATURES

- ▶ Dead man's switch.
- ▶ Perfect and homogeneous surface in one work step. Better than any angle grinder.
- ▶ Clean work areas thanks to removable dust collecting vessel.
- ▶ Module can be used with GHB 15-50 and GHB 15-50 Inox, depending on sanding tasks in hand.

GRIT GHBK



For accessories, see page 91

Supplied

1 x dust and spark box, 1 x fixing element, 1 x spark protection cover, 2 x anti-vibration handles

Module with infinitely variable chamfering angles and depths for machining edges.

Dimensions LxWxH	mm	380 x 430 x 215
Belt size	mm	50 x 1 000
Weight	kg	13,5

Part number	9 90 01 012 04 0
--------------------	-------------------------

BENEFITS OF USE

- ▶ Little effort needed even when working with large workpieces thanks to the roller-mounted guide blocks.
- ▶ Infinitely variable chamfering angles (0°-60°) and depths (0-20 mm) for the most common requirements.
- ▶ Highly efficient when chamfering long and straight plates.

PRODUCT FEATURES

- ▶ Precise edges and homogeneous surfaces in one step with effective grinding results.
- ▶ System interface - tool-free conversion on relevant grinding systems.
- ▶ Clean work areas thanks to removable dust collecting vessel and interface with extraction unit.
- ▶ Module can be used with GHB 15-50 and GHB 15-50 Inox, depending on sanding tasks in hand.



GRINDING BELTS



3M™ Cubitron™ II
Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining. The result is cool grinding without tarnishing and better surface quality.
50 x 1,000 mm

Grain	No. in pack pcs	Part number
36	10	6 99 03 126 00 0
60	10	6 99 03 127 00 0
80	10	6 99 03 128 00 0



3M™ Cubitron™ II
Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining. The result is cool grinding without tarnishing and better surface quality.
50 x 1150 mm, for pipe notching with GRIT GHBR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 157 00 0



Grinding material Z
It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum.
50 x 1,000 mm

Grain	No. in pack pcs	Part number
36	10	6 99 03 130 00 0
60	10	6 99 03 131 00 0
80	10	6 99 03 132 00 0
120	10	6 99 03 133 00 0



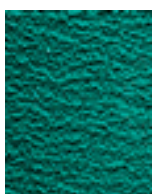
Grinding material Z
It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum.
50 x 1150 mm, for pipe notching with GRIT GHBR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 159 00 0



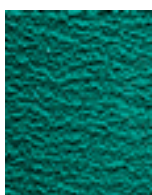
Grinding material A
Grinding belts with fine grit for fine grinding of metals to final finish. For the best surface results. Heavy cotton fabric, fully bonded with artificial resins, with corundum.
50 x 1,000 mm

Grain	No. in pack pcs	Part number
220	10	6 99 03 134 00 0
320	10	6 99 03 135 00 0
420	10	6 99 03 136 00 0



Grinding material R
It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
50 x 1,000 mm

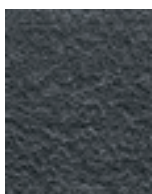
Grain	No. in pack pcs	Part number
36	10	6 99 03 137 00 0
60	10	6 99 03 138 00 0
80	10	6 99 03 139 00 0
120	10	6 99 03 140 00 0



Grinding material R
It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
50 x 1150 mm, for pipe notching with GRIT GHBR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 158 00 0

FLEECE STRIPS



Fleece belt
Reliable for everything from covering up minor mistakes to a perfect finish. Long service lives make for cost-effective working.
50 x 1,000 mm

Model	No. in pack pcs	Part number
very fine	3	6 99 03 144 00 0
medium	3	6 99 03 143 00 0
course	3	6 99 03 142 00 0

ACCESSORIES FOR GHBR



Contact roller
Long service lives, low roll resistance thanks to high-quality ball bearings, easy to interchange

Ø mm	Part number
16,0	6 99 02 000 40 9
18,0	6 99 02 000 41 0
19,0	6 99 02 000 41 1
20,0	6 99 02 000 41 2
21,0	6 99 02 000 41 3
21,3	6 99 02 000 41 4
22,0	6 99 02 000 41 5
25,0	6 99 02 000 41 6
25,4	6 99 02 000 41 7
26,0	6 99 02 000 41 8
26,9	6 99 02 000 41 9
27,0	6 99 02 000 42 0
28,0	6 99 02 000 42 1
28,8	6 99 02 000 42 2
30,0	6 99 02 000 42 3
31,7	6 99 02 000 42 4
32,0	6 99 02 000 42 5
33,0	6 99 02 000 42 6
33,7	6 99 02 000 42 7
34,0	6 99 02 000 42 8
35,0	6 99 02 000 42 9
38,0	6 99 02 000 43 0
38,1	6 99 02 000 43 1
38,3	6 99 02 000 43 2
40,0	6 99 02 000 43 3
42,0	6 99 02 000 43 4
42,4	6 99 02 000 43 5

OTHER ACCESSORIES FOR GRIT GHBR

Stainless steel sanding support
GRIT GHBR 15-50 Inox

Part number
3 90 00 008 10 6

THE SYSTEM THAT GROWS WITH YOUR REQUIREMENTS: GRIT GX.

GRIT GX is based on the modular principle. In other words, you start with a high-value belt grinder – and additional modules can be added if necessary to extend the range of performance. This saves times, money and space. This flexible design makes the GX range ideally suited to frequent use in manual trades. The GRIT GX range also provides impressive levels of maximum performance, reliability and excellent cost-effectiveness.



BELT GRINDING



- ▶ Powerful belt grinder with one or two speeds – the basis of the modular GRIT GX range.
- ▶ It can also be used on its own as a fully-functional belt grinder.



PIPE NOTCHING



- ▶ Extension module for grinding out radii on a wide range of workpieces, such as pipes, square pipes, flat materials and profiles.



ROTARY GRINDING



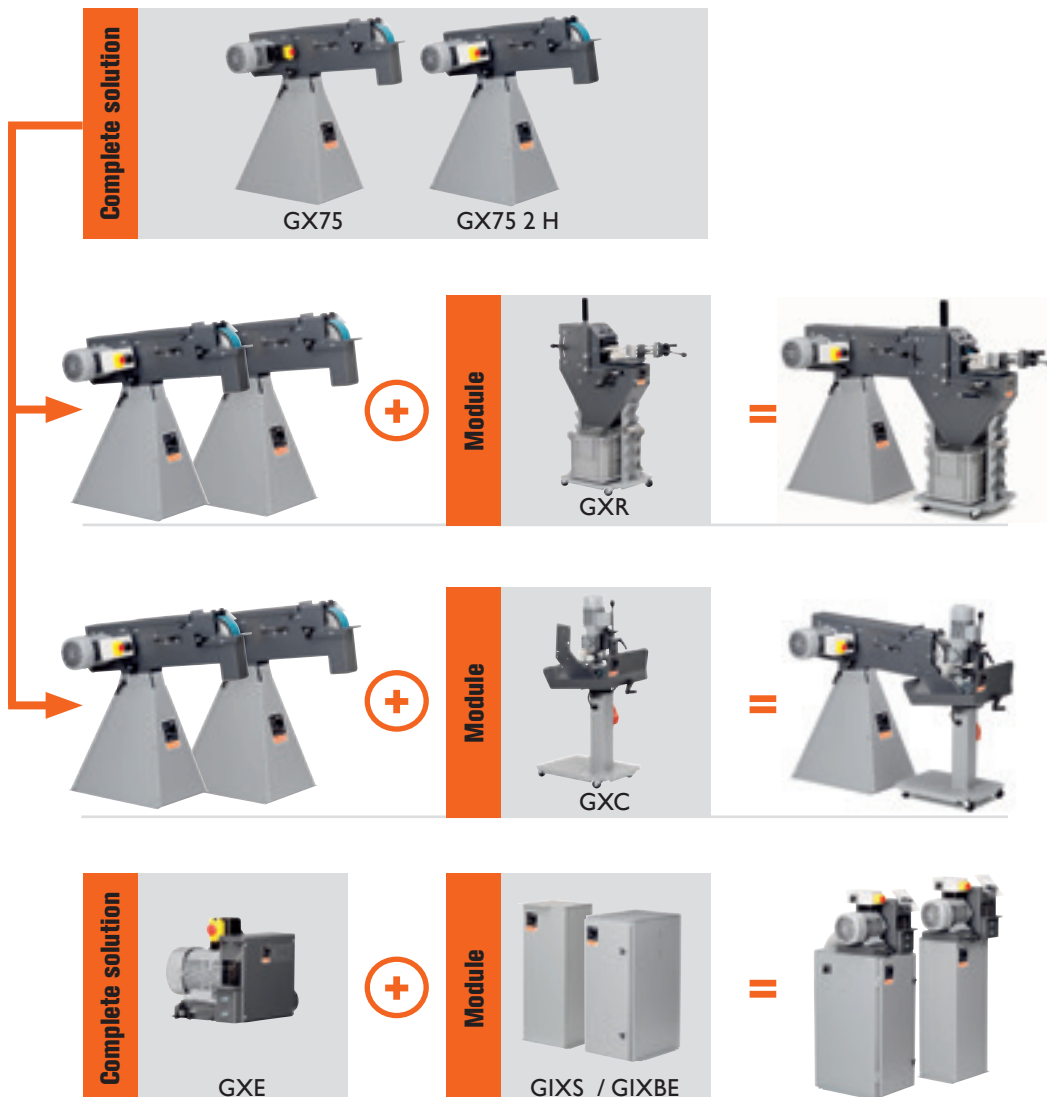
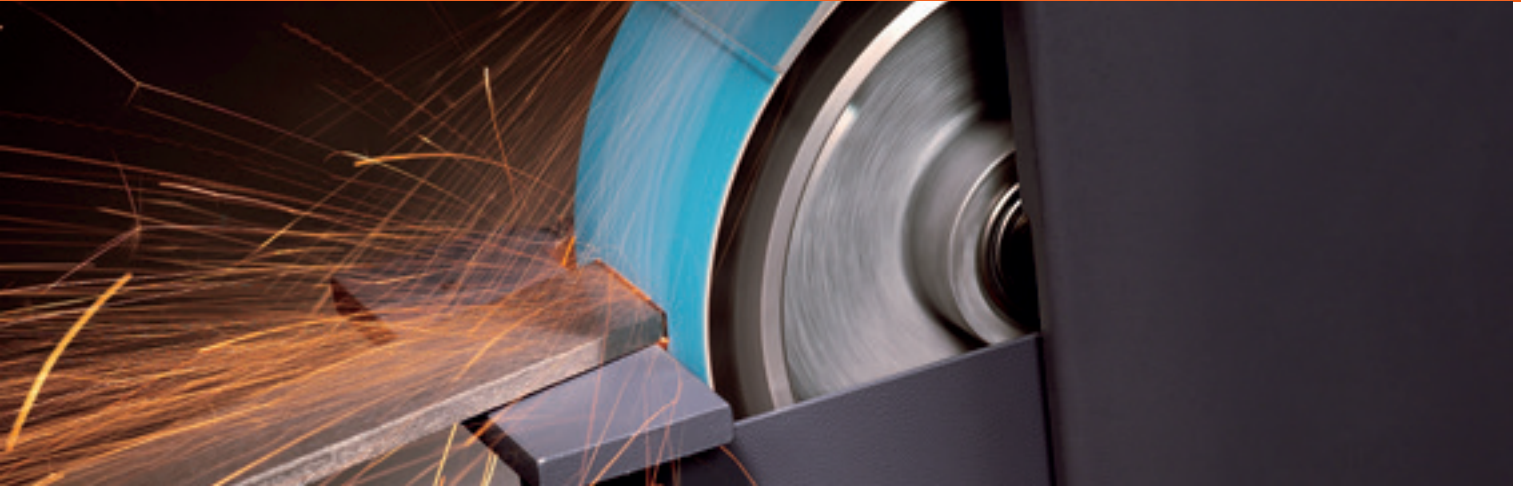
- ▶ Extension module for grinding and polishing round materials – from coarse grinding to surface finish.



DEBURRING



- ▶ Independent addition to the GRIT GX range for deburring steel and stainless steel workpieces with wire brushes.
- ▶ Also available with machine base as an option.



Belt grinding

STATIONARY GX BELT GRINDER

**The professional way to process stainless steel**

Select the right speed (1500 or 3000 rpm) for perfect stainless steel surfaces without discolouration: The belt's grinding temperature and speed are ideal for stainless steel.

**Working on the surface**

Use the extra surface for surface grinding.

GRIT GX 75



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
75 x 2,000 mm (K 36 R)

Powerful belt grinder, modular expandable, for manual trades and for small series

Input	kW	3
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	75

Part number	7 901 31
--------------------	-----------------

BENEFITS OF USE

- ▶ Expandable because of additional modules
- ▶ Speeds optimal for metal working at 3000 rpm
- ▶ Height-adjustable plane grinding table for linear plane grinding

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection for extraction option available
- ▶ Work level is individually adjustable
- ▶ Patented belt-tensioning system
- ▶ Robust three-phase AC motor
- ▶ Low vibrations

GRIT GX 75 2H



For accessories, see page 111

Supplied

1 grinding belt 75 x 2,000 mm (K 36 R),
1 CEE plug (16 A)

Powerful belt grinder, modular expandable, for manual trades and for small series, ideal for machining stainless steel

Input	kW	1,5 / 2
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	75 x 2 000
Weight	kg	75

Part number	7 901 32
--------------------	-----------------

BENEFITS OF USE

- ▶ Expandable because of additional modules
- ▶ Speeds optimal for metal and stainless steel working at 1500/3000 rpm;
- ▶ Height-adjustable plane grinding table for linear plane grinding

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection for extraction option available
- ▶ Work level is individually adjustable
- ▶ Patented belt-tensioning system
- ▶ Robust three-phase AC motor
- ▶ Low vibrations

GRIT GXE



For accessories, see page 111

Supplied

1 CEE plug (16 A)

Highly effective deburring machine for manual trades and for small series.

Input	kW	2,2
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500
Tool dimensions max. Ø x width	mm	250 x 60
Weight	kg	32

Part number	7 901 05
--------------------	-----------------

BENEFITS OF USE

- ▶ Modular extendable with sturdy machine base also with integrated extraction
- ▶ Robust AC motor provides deburring with steady speed
- ▶ For deburring of metal pipes, profiles, and flat materials up to a workpiece width of 75 mm.

PRODUCT FEATURES

- ▶ Connection for extraction option available
- ▶ Broad range of wire brushes available
- ▶ Effective deburring
- ▶ Motor protection switch

GRIT GXC



For accessories,
see page 111

Supplied

1 guide rail, nylon, 1 guide rail, brass,
1 CEE plug (16 A)

Cylindrical grinding module for perfect surfaces of metal and stainless steel pipes and shafts

Input	kW	0,18
Current/Voltages		3 x 400/440 V
Pipes up to Ø	mm	10 - 100
Belt size	mm	75 x 2 000
Weight	kg	48

Part number	7 901 23
--------------------	-----------------

BENEFITS OF USE

- ▶ Automatic feed is individually adjustable
- ▶ High process speed at highest surface quality
- ▶ For grinding of pipes and shafts of diameters ranging from Ø 10 - 100 mm

PRODUCT FEATURES

- ▶ Combination possibilities with belt grinders GX 75 (2H) and GI 75 (2H)
- ▶ Wet grinding in possible combination with GXW

GRIT GXW



For accessories, see page 111

Supplied

1 litre cooling lubricant emulsion (1:30)

Cooling lubricant module for a professional wet grinding

Input	kW	0,12
Current/Voltages		3 x 400/440 V
Weight	kg	8,6

Part number	7 901 24
--------------------	-----------------

BENEFITS OF USE

- ▶ Perfect surface results due to effective cooling lubricant supply
- ▶ Reduces the temperature of the workpiece.

PRODUCT FEATURES

- ▶ Binds the swarf
- ▶ Closed circuit
- ▶ Combination possibilities with belt grinders GX 75 (2H) and GI 75 (2H)
- ▶ Increases service life of the grinding belts

GRIT GXR



For accessories,
see page 111

Supplied

1 contact roller Ø 42.4 mm, 1 contact roller Ø 48,3 mm, 1 grinding belt 75 x 2250 (K 36 R).

Radii-grinding module for precision fitting of pipes, profiles, and flat materials.

Pipes up to Ø	mm	16 - 90
Belt size	mm	75 x 2 250
Dimension profiles / flat material max.	mm	75 x 75
Weight	kg	54

Part number	9 90 01 001 00 1
--------------------	-------------------------

BENEFITS OF USE

- ▶ For precise grinding of profiles and pipes of diameters ranging from 16 to 90 mm
- ▶ Contact rollers are optionally available in standard dimensions
- ▶ Optional length stop for series application

PRODUCT FEATURES

- ▶ Integrated depth stop
- ▶ Combination possibilities with belt grinders GX 75 (2H) and GI 75 (2H)
- ▶ Angle setting, individually possible up to 90°

FOR INDUSTRIAL USE: THE GI RANGE.

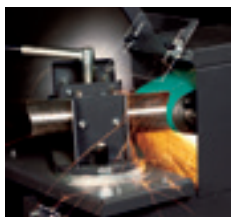
The GRIT GI range is perfectly coordinated to all grinding applications, materials and formats in the metal industry. Thanks to the modular system, you can assemble the machine to suit your requirements – even for steps that have already been partly automated. The high quality, robustness and outstanding power of the tools guarantee maximum efficiency and mean that the tools pay for themselves quickly, as they offer complete reliability, even in continuous use.



BELT GRINDING



- ▶ High-performance belt grinders available with 1 or 2 speeds.
- ▶ Various belt widths (75 mm or 150 mm) available.



PIPE NOTCHING



- ▶ Precision grinding of pipes and profiles up to a maximum diameter of 193.7 mm.



ROTARY GRINDING



- ▶ High-performance rotary grinder for pipes and round materials made of steel, stainless steel and non-ferrous metals, 10–130 mm in diameter.



LONGITUDINAL GRINDING



- ▶ Automatic longitudinal grinding of flat materials, profiles and square pipes up to max. 100 x 100 mm.



MOBILE GRINDING



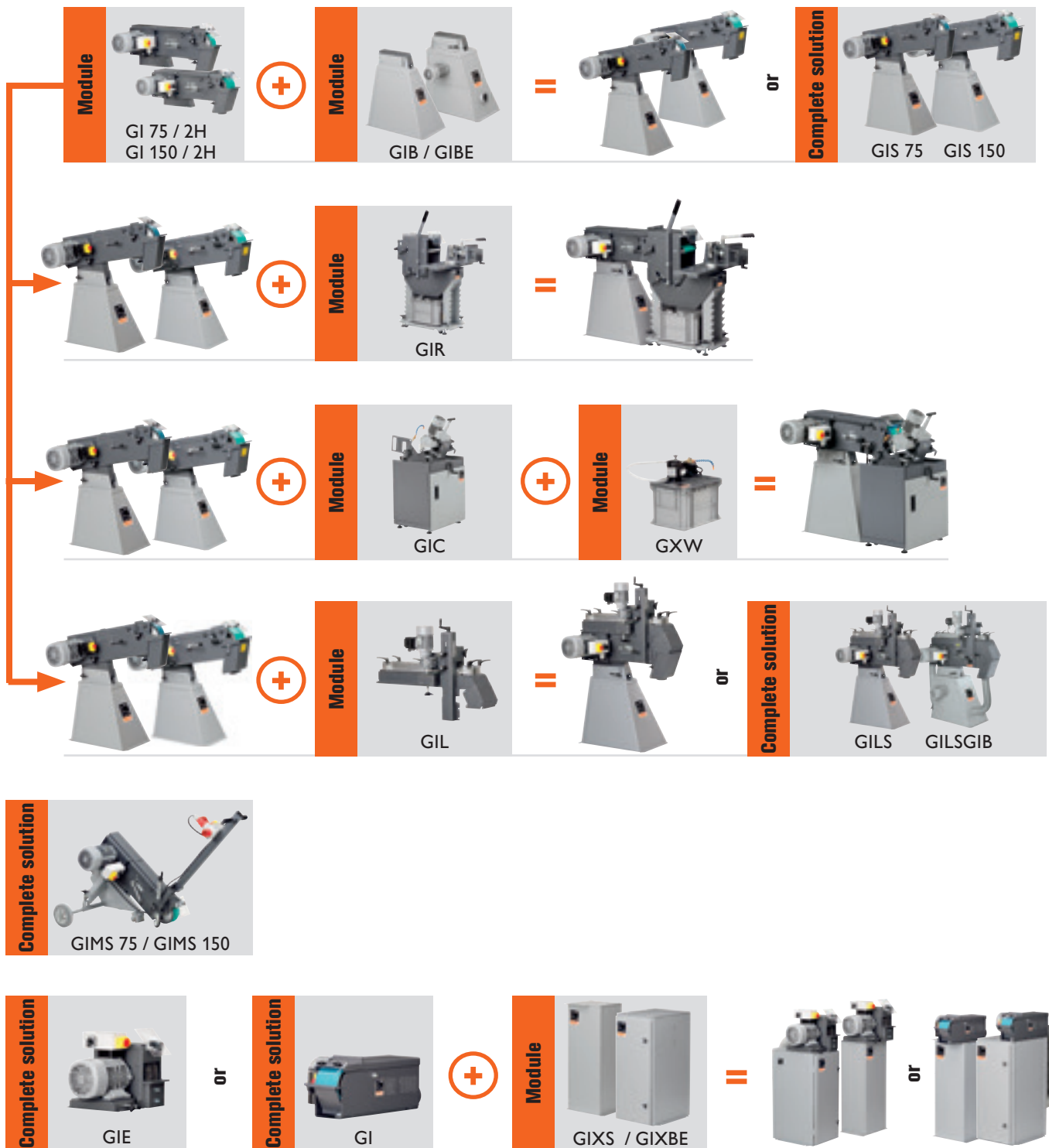
- ▶ Highly efficient grinding / polishing of welded seams on floors.



STANDALONE SOLUTIONS



- ▶ Independent addition to the GRIT GI range for belt grinding and deburring steel and stainless steel workpieces.
- ▶ Also available with machine base as an option.



Belt grinding

STATIONARY GI BELT GRINDER



Powerful when used continuously
Constant speed ensures good cutting performance even if used continuously.



Optional dust extraction
Keeping the air clean: The GRIT GI belt grinders have a connection for extraction systems (cartridge filters) and heat-resistant steel extraction hoses.

GRIT GI 75

High-performance belt grinder, modular expandable, for industrial and series applications



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
75 x 2,000 mm (K 36 R)

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	65

Part number	7 902 01
--------------------	-----------------

BENEFITS OF USE

- ▶ Expandable because of additional modules
- ▶ Quite robust AC motor provides grinding with steady speed.
- ▶ Speeds optimal for metal working at 3000 rpm

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection for extraction option available
- ▶ Drive disk with polyurethane coating
- ▶ Work level is individually adjustable
- ▶ Patented belt-tensioning system
- ▶ Robust three-phase AC motor
- ▶ Low vibrations

GRIT GI 75 2H

High-performance belt grinder, modular expandable, for industrial and series applications, ideal for machining stainless steel



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
75 x 2,000 mm (K 36 R)

Input	kW	2,6 - 3,1
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	75 x 2 000
Weight	kg	65

Part number	7 902 02
--------------------	-----------------

BENEFITS OF USE

- ▶ Expandable because of additional modules
- ▶ Quite robust AC motor provides grinding with steady speed.
- ▶ Speeds optimal for metal and stainless steel working at 1500/3000 rpm

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection for extraction option available
- ▶ Drive disk with polyurethane coating
- ▶ Work level is individually adjustable
- ▶ Exceedingly robust three-phase AC motor
- ▶ Patented belt-tensioning system
- ▶ Low vibrations



GRIT GI 100 EF



For accessories, see page 111

Supplied

1 grinding belt 100 x 1,000 (K 60 Z)

Powerful belt grinder in small format: for universal application on small workpieces

Input	kW	1,1
Current/Voltages		1 x 230 V
Speed, no load	rpm	3 000
Belt size	mm	100 x 1 000
Weight	kg	29,8

Part number	7 902 23
--------------------	-----------------

BENEFITS OF USE

- ▶ Universally applicable belt grinder for smaller workpieces
- ▶ Modular extendable with sturdy machine base also with integrated extraction
- ▶ Can be used as a table machine

PRODUCT FEATURES

- ▶ Single-phase, alternating current version 230 V / 50Hz
- ▶ Suited also for mobile employment in workshop or assembly vehicles
- ▶ Patented belt-tensioning system

GRIT GI 100



For accessories, see page 111

Supplied

1 grinding belt 100 x 1,000 (K 60 Z)

Powerful belt grinder in small format: for universal application on small workpieces

Input	kW	1,5
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	100 x 1 000
Weight	kg	28,8

Part number	7 902 23
--------------------	-----------------

BENEFITS OF USE

- ▶ Universally applicable belt grinder for smaller workpieces
- ▶ Modular extendable with sturdy machine base also with integrated extraction
- ▶ Can be used as a table machine

PRODUCT FEATURES

- ▶ Three-phase AC motor 1500 Watt
- ▶ Suited also for mobile employment in workshop or assembly vehicles
- ▶ Patented belt-tensioning system

GRIT GI 150



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
150 x 2,000 mm (K 36 R)

High-performance belt grinder, modular expandable, for industrial and series applications

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	150 x 2 000
Weight	kg	82

Part number	7 902 04
--------------------	-----------------

BENEFITS OF USE

- ▶ Expandable because of additional modules
- ▶ Quite robust AC motor provides grinding with steady speed.
- ▶ Speeds optimal for metal working at 3000 rpm

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection for extraction option available
- ▶ Drive disk with polyurethane coating
- ▶ Work level is individually adjustable
- ▶ Patented belt-tensioning system
- ▶ Robust three-phase AC motor
- ▶ Low vibrations

GRIT GI 150 2H



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
150 x 2,000 mm (K 36 R)

High-performance belt grinder, modular expandable, for industrial and series applications, ideal for machining stainless steel

Input	kW	2,6 - 3,1
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	150 x 2 000
Weight	kg	82

Part number	7 902 05
--------------------	-----------------

BENEFITS OF USE

- ▶ Expandable because of additional modules
- ▶ Quite robust AC motor provides grinding with steady speed.
- ▶ Speeds optimal for metal and stainless steel working at 1500/3000 rpm

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection for extraction option available
- ▶ Drive disk with polyurethane coating
- ▶ Work level is individually adjustable
- ▶ Patented belt-tensioning system
- ▶ Low vibrations.

GRIT GIS 75



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
75 x 2,000 mm (K 36 R)

High-performance grinder for standard grinding tasks

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Idle speed at 50 Hz	rpm	3 000
Idle speed at 60 Hz	rpm	3 450
Belt size	mm	75 x 2 000
Weight	kg	74

Part number	7 902 29 50
--------------------	--------------------

BENEFITS OF USE

- ▶ High-performance belt grinder with sturdy machine base
- ▶ Constant speed at high grinding performance thanks to robust 4-kW motor
- ▶ Very good price-performance ratio

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Patented belt-tensioning system
- ▶ Low-vibration thanks to robust design

GRIT GIS 150



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
150 x 2,000 mm (K 36 R)

High-performance grinder for standard grinding applications for extra-wide workpieces.

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Idle speed at 50 Hz	rpm	3 000
Idle speed at 60 Hz	rpm	3 450
Belt size	mm	150 x 2 000
Weight	kg	93

Part number	7 902 30 50
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BENEFITS OF USE

- ▶ High-performance belt grinder with sturdy machine base
- ▶ Constant speed at high grinding performance thanks to robust 4-kW motor
- ▶ Very good price-performance ratio

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Patented belt-tensioning system
- ▶ Low-vibration thanks to robust design



GRIT GIE



For accessories, see page 111

Supplied

1 CEE plug (16 A)

Highly effective deburring machine for industrial deburring in series.

Input	kW	1,5 / 2,0
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Tool dimensions max. Ø x width	mm	250 x 60/120
Weight	kg	34

Part number	7 902 07
--------------------	-----------------

BENEFITS OF USE

- ▶ Speeds optimal for metal and stainless steel working at 1500/3000 rpm;
- ▶ Modular extendable with sturdy machine base also with integrated extraction
- ▶ Robust AC motor provides deburring with steady speed

PRODUCT FEATURES

- ▶ Connection for extraction option available
- ▶ Broad range of wire brushes available
- ▶ Effective deburring
- ▶ Motor protection switch

GRIT GIC



For accessories, see page 111

Supplied

1 guide rail, nylon, 1 guide rail, brass,
1 CEE plug (16 A)

Centreless grinding module for industrial centreless grinding in volume production.

Input	kW	0,18
Current/Voltages		3 x 400/440 V
Pipes up to Ø	mm	10 - 130
Belt size	mm	75/150 x 2 000
Variable Feed	m/min	0 - 2
Weight	kg	65

Part number	7 902 12
--------------------	-----------------

BENEFITS OF USE

- ▶ For industrial centreless grinding of pipes up to 6 m long with optional pipe guide.
- ▶ Flexible when machining pipe diameters of between 10 and 130 mm.
- ▶ Cool surfaces and a long grinding belt service life thanks to wet grinding in conjunction with the cooling lubricant module GXW.

PRODUCT FEATURES

- ▶ Combination possibilities with belt grinder GI 75 (2H) and GI 150 (2H).
- ▶ Quick fastener for simple retooling without the need for tools.
- ▶ Infinitely variable feed speed from 0 to 2 m/min.

GRIT GIMS

**Can be flexibly adjusted**

The centre distance is adjustable, allowing you to work comfortably in tight spaces too.

Convenient work

The mobile grinder GRIT GIMS is characterised by comfortable handling in many work situations.

GRIT GIMS 75

Mobile carriage for effective grinding "on site" at the floor.



For accessories, see page 111

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	100

Part number	7 902 13
--------------------	-----------------

BENEFITS OF USE

- ▶ Comfortable work handling thanks to standing work position
- ▶ Highly effective grinding and polishing of weld seams on the floor
- ▶ Grinding over and descaling of steel parts

PRODUCT FEATURES

- ▶ Towing bar position can be adjusted infinitely variable
- ▶ Minimum wall clearance
- ▶ Depth stop



GRIT GIMS 150



For accessories, see page 111

Mobile carriage for effective grinding "on site" at the floor.

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	150 x 2 000
Weight	kg	110

Part number	7 902 14
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BENEFITS OF USE

- ▶ Comfortable work handling thanks to standing work position
- ▶ Highly effective grinding and polishing of weld seams on the floor
- ▶ Grinding over and descaling of steel parts

PRODUCT FEATURES

- ▶ Towing bar position can be adjusted infinitely variable
- ▶ Minimum wall clearance
- ▶ Depth stop

GIMS 75 2H



For accessories, see page 111

Mobile carriage for effective grinding "on site" at the floor.

Input	kW	2,6 - 3,1
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	75 x 2 000
Weight	kg	103

Part number	7 902 16
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BENEFITS OF USE

- ▶ Comfortable work handling thanks to standing work position
- ▶ Highly effective grinding and polishing of weld seams on the floor
- ▶ Grinding over and descaling of steel parts

PRODUCT FEATURES

- ▶ Speeds optimal for metal and stainless steel working at 1500/3000 rpm
- ▶ Towing bar position can be adjusted infinitely variable
- ▶ Minimum wall clearance
- ▶ Depth stop

GIMS 150 2H



For accessories, see page 111

Mobile carriage for effective grinding "on site" at the floor.

Input	kW	2,6 - 3,1
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	150 x 2 000
Weight	kg	114

Part number	7 902 17
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BENEFITS OF USE

- ▶ Comfortable work handling thanks to standing work position
- ▶ Highly effective grinding and polishing of weld seams on the floor
- ▶ Grinding over and descaling of steel parts

PRODUCT FEATURES

- ▶ Speeds optimal for metal and stainless steel working at 1500/3000 rpm
- ▶ Towing bar position can be adjusted infinitely variable
- ▶ Minimum wall clearance
- ▶ Depth stop

GIMS 75-6



For accessories, see page 111

Mobile carriage for effective grinding "on site" at the floor.

Input	kW	6
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	121

Part number	7 902 18
--------------------	-----------------

BENEFITS OF USE

- ▶ Highly effective grinding and polishing of weld seams on the floor
- ▶ Grinding over and descaling of steel parts
- ▶ Comfortable work handling thanks to standing work position

PRODUCT FEATURES

- ▶ Minimum wall clearance
- ▶ Towing bar position can be adjusted infinitely variable
- ▶ Depth stop

GIMS 150-6



For accessories, see page 111

Mobile carriage for effective grinding "on site" at the floor.

Input	kW	6
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	150 x 2 000
Weight	kg	131

Part number	7 902 19
--------------------	-----------------

BENEFITS OF USE

- ▶ Highly effective grinding and polishing of weld seams on the floor
- ▶ Grinding over and descaling of steel parts
- ▶ Comfortable work handling thanks to standing work position

PRODUCT FEATURES

- ▶ Minimum wall clearance
- ▶ Towing bar position can be adjusted infinitely variable
- ▶ Depth stop

STATIONARY SURFACE GRINDER



Surface grinding made easy

The unique GRIT GILS surface grinder makes light work of even longitudinal grinding of square and flat materials or profiles. The belt dimensions of the basic machine are retained.



Clean grinding

A highly effective double extraction with cartridge filter ensures effective air cleaning.



GRIT GILSGIB



For accessories, see page 111

Supplied

1 CEE plug (16 A), 1 grinding belt
150 x 2,000 mm (K 120 R)

Surface grinder for perfect longitudinal grinding of square pipes, profiles and flat materials in automatic processes.

Input	kW	2,6 - 3,1
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	150 x 2 000
Dimension profiles / flat material max.	mm	100 x 100
Weight	kg	189

Part number	7 902 35
--------------------	-----------------

without extraction

BENEFITS OF USE

- ▶ High operating speed because of automatic feed
- ▶ Perfect finishing results up to the finish
- ▶ Flat material can also be ground "upright".

PRODUCT FEATURES

- ▶ Consistent belt dimensions 150 x 2000 mm
- ▶ Belt grinder can be used for contact grinding even though module is mounted.
- ▶ For angled workpieces
- ▶ Combination possibility with belt grinder GI 150 (2H)
- ▶ Space-saving employment because of optional swivel plate possible.

GRIT GIL



For accessories, see page 111

Plane grinding module for perfect longitudinal grinding of square pipes, profiles and flat materials.

Input	kW	0,18
Current/Voltages		3 x 400/440 V
Belt size	mm	150 x 2 000
Dimension profiles / flat material max.	mm	100 x 100
Weight	kg	64

Part number	7 902 48
--------------------	-----------------

BENEFITS OF USE

- ▶ High operating speed because of automatic feed
- ▶ Perfect finishing results up to the finish
- ▶ Flat material can also be ground "upright".

PRODUCT FEATURES

- ▶ Consistent belt dimensions 150 x 2000 mm
- ▶ Belt grinder can be used for contact grinding even though module is mounted.
- ▶ For angled workpieces
- ▶ Combination possibility with belt grinder GI 150 (2H)
- ▶ Space-saving employment because of optional swivel plate possible.

GRIT GILS



For accessories, see page 111

Supplied

1 grinding belt 150 x 2,000 mm (K 120 R),
1 CEE plug (16 A)

Surface grinder for perfect longitudinal grinding of square pipes, profiles and flat materials in automatic processes.

Input	kW	2,6 - 3,1
Current/Voltages		3 x 400/440 V
Belt size	mm	150 x 2 000
Dimension profiles / flat material max.	mm	100 x 100
Weight	kg	206

Part number	7 902 51
--------------------	-----------------

with extraction

BENEFITS OF USE

- ▶ High operating speed because of automatic feed
- ▶ Perfect finishing results up to the finish
- ▶ Flat material can also be ground "upright".

PRODUCT FEATURES

- ▶ Consistent belt dimensions 150 x 2000 mm
- ▶ Belt grinder can be used for contact grinding even though module is mounted.
- ▶ For angled workpieces
- ▶ Space-saving employment because of optional swivel plate possible.

GRIT GIB



For accessories, see page 111

Exceedingly sturdy machine base.

Weight	kg	17
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Part number	9 90 01 003 00 0	
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BENEFITS OF USE

- ▶ Work height can be adjusted conveniently by gas compression spring without effort
- ▶ Low-vibration thanks to robust design

PRODUCT FEATURES

- ▶ Combination possibilities with belt grinder GI 75 (2H) and GI 150 (2H)
- ▶ Powder coating
- ▶ Robust welded construction

GRIT GIBE



For accessories, see page 111

Exceedingly sturdy machine base with integrated double extraction.

Input	kW	0,35
Weight	kg	55

Part number	9 90 01 004 00 0	
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BENEFITS OF USE

- ▶ Integrated metal swarf collector, resistant against hot sparks
- ▶ Robust welded construction

PRODUCT FEATURES

- ▶ Flexible, heat-resistant steel hoses
- ▶ Cassette filter for effective filtering
- ▶ Combination possibilities with belt grinder GI 75 (2H) and GI 150 (2H)
- ▶ Powder coating

GRIT GIR



For accessories, see page 111

Supplied

1 contact roller Ø 42.4 mm, 1 grinding belt 150 x 2,250 mm (K 36 R), 1 dust container

Radii-grinding module for precision fitting of pipes, profiles and flat materials in series application.

Pipes up to Ø	mm	20 - 193,7
Belt size	mm	150 x 2 250
Dimension profiles / flat material max.	mm	120 x 150
Weight	kg	109

Part number	9 90 01 007 00 1	
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BENEFITS OF USE

- ▶ For precise grinding of profiles and pipes of diameters ranging from 20 to 193,7 mm
- ▶ Contact rollers are optionally available in standard dimensions
- ▶ Optional length stop for series application

PRODUCT FEATURES

- ▶ Integrated depth stop for the series application
- ▶ Combination possibility with belt grinder GI 150 (2H)
- ▶ Angle setting, individually possible up to 90°



GRIT GIXBE



For accessories, see page 111

Integrated motor for effective suction.

Input	kW	0,37
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Max. vacuum	hPa	2,65
Dimensions LxWxH	mm	305 x 575 x 700
Weight	kg	58

Part number 9 90 01 009 00 0

BENEFITS OF USE

- ▶ Great steadiness because of bolting to the floor
- ▶ Connection to integrated extraction possible.

PRODUCT FEATURES

- ▶ Combination possibility with belt grinder GI 100 (EF) and deburring machines GXE, GIE
- ▶ Powder coating

GRIT GIXS



For accessories, see page 111

Sturdy machine base made of powder coated steel plate.

Dimensions LxWxH	mm	304 x 356 x 769
Weight	kg	18

Part number 9 90 01 002 00 0

BENEFITS OF USE

- ▶ Great steadiness because of bolting to the floor

PRODUCT FEATURES

- ▶ Combination possibility with belt grinder GI 100 (EF) and deburring machines GXE, GIE
- ▶ Powder coating
- ▶ Steel plate model

FOR THE WORKSHOP: GKS – THE COMPACT BELT GRINDER.

GRIT GKS



Cost-effective solution for the workshop.
The GKS offers optimum value for money and can be started up straight away.

		GRIT GKS	GRIT GKS	GRIT GKS	GRIT GKS	GRIT GKS
	Power consumption	1,5 kW	1.1 kW	4 kW	3 kW	1.5 / 2 kW
Application	Sanding small parts	▲▲	▲▲	▲▲	▲▲	▲▲
	Gentle deburring	▲	▲	▲▲	▲▲	▲
	Gentle sanding	▲	▲	▲▲	▲▲	▲
	Continuous deburring	▲	▲	▲▲	▲▲	▲
	Continuous sanding	▲	▲	▲▲	▲▲	▲
	INOX machining	▲	▲	▲	▲	▲▲

▲▲ optimal suitability ▲ suitability

GRIT GKS 75



For accessories, see page 111

Supplied

1 grinding belt 75 x 2,000 mm (K 36 R)

Compact belt grinder for metalwork. The economical solution for the workshop.

Input	kW	4
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	50

Part number	7 905 01
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BENEFITS OF USE

- ▶ Very economical to buy as it offers optimum value for money.
- ▶ Takes up 2/3 less space than standard tools thanks to its minimalistic design concept.
- ▶ Can be used straight away. No assembly or installation work needed.

PRODUCT FEATURES

- ▶ Short setup times - grinding belts can be rapidly exchanged.
- ▶ Controlled sparking ensures maximum work safety.
- ▶ Powerful motor for high sanding capacity.

GRIT GKS 75



For accessories, see page 111

Supplied

1 grinding belt 75 x 2,000 mm (K 36 R)

Compact belt grinder for metalwork. The economical solution for the workshop.

Input	kW	1,1
Current/Voltages		1 x 230 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	45

Part number	7 905 02
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BENEFITS OF USE

- ▶ Very economical to buy as it offers optimum value for money.
- ▶ Takes up 2/3 less space than standard tools thanks to its minimalistic design concept.
- ▶ Can be used straight away. No assembly or installation work needed.

PRODUCT FEATURES

- ▶ Short setup times - grinding belts can be rapidly exchanged.
- ▶ Controlled sparking ensures maximum work safety.

GRIT GKS 75



For accessories, see page 111

Supplied

1 grinding belt 75 x 2,000 mm (K 36 R)

Compact belt grinder for metalwork. The economical solution for the workshop.

Input	kW	1,5
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	45

Part number	7 905 02
--------------------	-----------------

BENEFITS OF USE

- ▶ Very economical to buy as it offers optimum value for money.
- ▶ Takes up 2/3 less space than standard tools thanks to its minimalistic design concept.
- ▶ Can be used straight away. No assembly or installation work needed.

PRODUCT FEATURES

- ▶ Short setup times - grinding belts can be rapidly exchanged.
- ▶ Controlled sparking ensures maximum work safety.

GRIT GKS 75



For accessories, see page 111

Supplied

1 grinding belt 75 x 2,000 mm (K 36 R)

Compact belt grinder for metalwork. The economical solution for the workshop.

Input	kW	3
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	3 000
Belt size	mm	75 x 2 000
Weight	kg	50

Part number	7 905 03
--------------------	-----------------

BENEFITS OF USE

- ▶ Very economical to buy as it offers optimum value for money.
- ▶ Takes up 2/3 less space than standard tools thanks to its minimalistic design concept.
- ▶ Can be used straight away. No assembly or installation work needed.

PRODUCT FEATURES

- ▶ Short setup times - grinding belts can be rapidly exchanged.
- ▶ Controlled sparking ensures maximum work safety.
- ▶ Powerful motor for high sanding capacity.

GRIT GKS 75 2H



For accessories, see page 111

Supplied

1 grinding belt 75 x 2,000 mm (K 36 R)

Compact belt grinder for metalwork. The economical solution for the workshop.

Input	kW	1,5 / 2
Current/Voltages		3 x 400/440 V
Speed, no load	rpm	1 500 / 3 000
Belt size	mm	75 x 2 000
Weight	kg	45

Part number	7 905 04
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BENEFITS OF USE

- ▶ Very economical to buy as it offers optimum value for money.
- ▶ Takes up 2/3 less space than standard tools thanks to its minimalistic design concept.
- ▶ Can be used straight away. No assembly or installation work needed.

PRODUCT FEATURES

- ▶ Two speed settings deliver optimum speeds for metalworking and stainless steel processing.
- ▶ Short setup times - grinding belts can be rapidly exchanged.
- ▶ Controlled sparking ensures maximum work safety.
- ▶ Powerful motor for high sanding capacity.



GRINDING BELTS



3M™ Cubitron™ II

Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining. The result is cool grinding without tarnishing and better surface quality.
75 x 2,000 mm

Grain	No. in pack pcs	Part number
36	10	6 99 03 145 00 0
60	10	6 99 03 146 00 0
80	10	6 99 03 147 00 0



3M™ Cubitron™ II

Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining. The result is cool grinding without tarnishing and better surface quality.
75 x 2250 mm, for pipe notching with GRIT GXR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 151 00 0
60	10	6 99 03 152 00 0
80	10	6 99 03 153 00 0



3M™ Cubitron™ II

Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining. The result is cool grinding without tarnishing and better surface quality.
150 x 2,000 mm

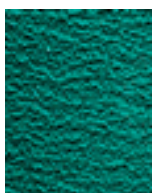
Grain	No. in pack pcs	Part number
36	10	6 99 03 148 00 0
60	10	6 99 03 149 00 0
80	10	6 99 03 150 00 0



3M™ Cubitron™ II

Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining. The result is cool grinding without tarnishing and better surface quality.
150 x 2250 mm, for pipe notching with GRIT GIR module.

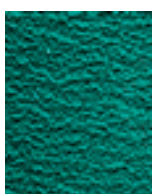
Grain	No. in pack pcs	Part number
36	10	6 99 03 154 00 0
60	10	6 99 03 155 00 0
80	10	6 99 03 156 00 0



Grinding material R

It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
75 x 2,000 mm

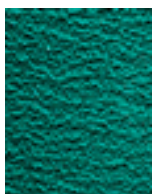
Grain	No. in pack pcs	Part number
24	10	6 99 03 000 00 0
36	10	6 99 03 002 00 0
40	10	6 99 03 004 00 0
60	10	6 99 03 007 00 0
80	10	6 99 03 009 00 0
120	10	6 99 03 013 00 0



Grinding material R

It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
75 x 2250 mm, for pipe notching with GRIT GXR module.

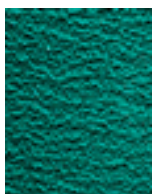
Grain	No. in pack pcs	Part number
36	10	6 99 03 020 00 0



Grinding material R

It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
75 x 2300 mm, for pipe notching with GRIT GXR module for contact rollers with diameter > 80 mm.

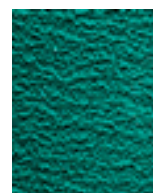
Grain	No. in pack pcs	Part number
36	10	6 99 03 122 00 0



Grinding material R

It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
150 x 2,000 mm

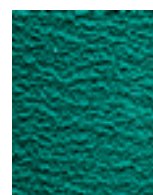
Grain	No. in pack pcs	Part number
24	10	6 99 03 039 00 0
36	10	6 99 03 040 00 0
40	10	6 99 03 042 00 0
60	10	6 99 03 044 00 0
80	10	6 99 03 046 00 0
120	10	6 99 03 048 00 0



Grinding material R

It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
150 x 2250 mm, for pipe notching with GRIT GIR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 053 00 0



Grinding material R

It's the top grinding belt on the market, featuring superior service life and performance for considerably shorter working times. Especially recommended for machining stainless and high-alloy steel. Extra heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. Additional top layer for cooling during grinding.
150 x 2400 mm, for pipe notching with GRIT GIR module for contact rollers with diameter > 170 mm.

Grain	No. in pack pcs	Part number
36	10	6 99 03 111 00 0



Grinding material Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum.
75 x 2,000 mm

Grain	No. in pack pcs	Part number
36	10	6 99 03 003 00 0
40	10	6 99 03 005 00 0
60	10	6 99 03 008 00 0
80	10	6 99 03 010 00 0
120	10	6 99 03 014 00 0



Grinding material Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum.
75 x 2250 mm, for pipe notching with GRIT GXR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 021 00 0



Grinding material Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. 100 x 1,000 mm

Grain	No. in pack pcs	Part number
36	10	6 99 03 034 00 0
40	10	6 99 03 035 00 0
60	10	6 99 03 036 00 0
80	10	6 99 03 037 00 0
120	10	6 99 03 038 00 0



Grinding material Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. 150 x 2,000 mm

Grain	No. in pack pcs	Part number
36	10	6 99 03 041 00 0
40	10	6 99 03 043 00 0
60	10	6 99 03 045 00 0
80	10	6 99 03 047 00 0
120	10	6 99 03 049 00 0



Grinding material Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. 150 x 2250 mm, for pipe notching with GRIT GIR module.

Grain	No. in pack pcs	Part number
36	10	6 99 03 054 00 0



Grinding material Z

It's the all-rounder for grinding and deburring steel and non-ferrous metals which also satisfies the most stringent requirements. Developed in collaboration with professional users, this grinding material features an impressively long service life and high performance and is cost-effective to use. Heavy polyester fabric, fully bonded with artificial resins, with zirconium corundum. 150 x 2400 mm, for pipe notching with GRIT GIR module for contact rollers with diameter > 170 mm.

Grain	No. in pack pcs	Part number
36	10	6 99 03 112 00 0



Grinding material A

Grinding belts with fine grit for fine grinding of metals to final finish. For the best surface results. Heavy cotton fabric, fully bonded with artificial resins, with corundum. 75 x 2,000 mm

Grain	No. in pack pcs	Part number
220	10	6 99 03 017 00 0
320	10	6 99 03 018 00 0
400	10	6 99 03 019 00 0

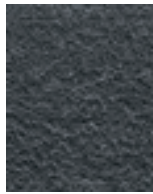


Grinding material A

Grinding belts with fine grit for fine grinding of metals to final finish. For the best surface results. Heavy cotton fabric, fully bonded with artificial resins, with corundum. 150 x 2,000 mm

Grain	No. in pack pcs	Part number
220	10	6 99 03 050 00 0
320	10	6 99 03 051 00 0
400	10	6 99 03 052 00 0

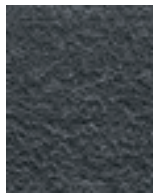
FLEECE STRIPS



Fleece belt

Reliable for everything from covering up minor mistakes to a perfect finish. Long service lives make for cost-effective working. 75 x 2,000 mm

Model	No. in pack pcs	Part number
very fine	3	6 99 03 121 01 0
medium	3	6 99 03 119 01 0
course	3	6 99 03 117 01 0



Fleece belt

Reliable for everything from covering up minor mistakes to a perfect finish. Long service lives make for cost-effective working. 150 x 2,000 mm

Model	No. in pack pcs	Part number
very fine	3	6 99 03 120 01 0
medium	3	6 99 03 118 01 0
course	3	6 99 03 116 01 0

ACCESSORIES FOR GRIT GX 75 / GX 75 2H



Stainless steel sanding support GX 75

Part number
6 99 02 338 00 0



Graphite pad

As sliding base for surface grinding.

No. in pack pcs	Part number
5	3 90 00 000 00 1



Eye protection

Acrylic screen for protection against sparks

No. in pack pcs	Part number
3	3 90 00 000 00 4



Spark box

with interfaces to extraction unit.

Part number
6 99 02 343 00 0

ACCESSORIES GRIT GXR

Stainless steel jaws

Interchangeable, for vice when machining stainless steel.

Part number
6 99 02 004 00 0



Length stop

1000 mm long, continuously variable, easy to fit

Part number
6 99 02 001 00 0



Contact roller

Long service lives, low roll resistance thanks to high-quality ball bearings, easy to interchange

Ø mm	Part number
16,0	6 99 02 020 00 0
17,0	6 99 02 021 00 0
17,2	6 99 02 022 00 0
18,0	6 99 02 023 00 0
19,0	6 99 02 024 00 0
20,0	6 99 02 025 00 0
21,0	6 99 02 026 00 0
21,3	6 99 02 027 00 0
22,0	6 99 02 028 00 0
22,2	6 99 02 029 00 0
22,5	6 99 02 030 00 0
23,0	6 99 02 031 00 0
23,1	6 99 02 032 00 0
24,0	6 99 02 033 00 0
24,5	6 99 02 034 00 0
25,0	6 99 02 035 00 0
25,4	6 99 02 036 00 0
25,9	6 99 02 037 00 0
26,0	6 99 02 038 00 0
26,4	6 99 02 039 00 0
26,9	6 99 02 040 00 0
27,0	6 99 02 041 00 0
28,0	6 99 02 042 00 0
28,6	6 99 02 043 00 0
28,8	6 99 02 044 00 0
29,0	6 99 02 045 00 0
30,0	6 99 02 046 00 0
31,7	6 99 02 047 00 0
32,0	6 99 02 048 00 0
33,0	6 99 02 049 00 0
33,7	6 99 02 050 00 0
34,0	6 99 02 051 00 0
35,0	6 99 02 052 00 0
36,0	6 99 02 053 00 0



Ø mm	Part number
37,5	6 99 02 054 00 0
38,0	6 99 02 055 00 0
38,1	6 99 02 056 00 0
38,3	6 99 02 057 00 0
40,0	6 99 02 058 00 0
41,0	6 99 02 059 00 0
41,2	6 99 02 060 00 0
42,0	6 99 02 061 00 0
42,4	6 99 02 062 00 0
42,6	6 99 02 063 00 0
43,0	6 99 02 064 00 0
43,3	6 99 02 065 00 0
44,0	6 99 02 066 00 0
44,5	6 99 02 067 00 0
45,0	6 99 02 068 00 0
46,0	6 99 02 069 00 0
48,0	6 99 02 070 00 0
48,3	6 99 02 071 00 0
49,0	6 99 02 072 00 0
50,0	6 99 02 073 00 0
50,8	6 99 02 074 00 0
51,0	6 99 02 075 00 0
53,0	6 99 02 076 00 0
53,7	6 99 02 077 00 0
54,0	6 99 02 078 00 0
55,0	6 99 02 079 00 0
57,0	6 99 02 080 00 0
58,0	6 99 02 081 00 0
59,0	6 99 02 082 00 0
60,0	6 99 02 083 00 0
60,3	6 99 02 084 00 0
63,0	6 99 02 085 00 0
63,5	6 99 02 086 00 0
65,0	6 99 02 087 00 0
67,0	6 99 02 088 00 0
69,0	6 99 02 089 00 0
70,0	6 99 02 090 00 0
73,0	6 99 02 091 00 0
75,0	6 99 02 092 00 0
76,0	6 99 02 093 00 0
76,1	6 99 02 094 00 0
76,2	6 99 02 095 00 0
80,0	6 99 02 096 00 0
82,5	6 99 02 097 00 0
88,9	6 99 02 098 00 0
90,0	6 99 02 099 00 0



**Eye protection
GUT5/GR/GXR (3 pieces)**

Part number
3 90 00 000 00 7



Dust container
Plastic, to douse sparks, with handles on the sides, capacity about 15 l

Part number
3 90 00 000 38 5



Connecting piece
Required for adapting the GXR module to a belt grinder of the GI program

Part number
6 99 02 186 00 0

ACCESSORIES FOR MACHINES GXC



Pipe support
Ø 10-130 mm

Part number
6 99 02 179 60 0



Pipe support
Ø 10-160 mm
Can be combined with one another depending on the pipe length desired.

max. pipe length
mm Part number
1,000 6 99 02 180 60 0



Pipe support
Ø 10-160 mm
Can be combined with one another depending on the pipe length desired.

max. pipe length
mm Part number
1,500 6 99 02 181 60 0



Guide rail, brass
For dry grinding and course material surfaces

Part number
3 90 00 000 49 6



Nylon glide support
For high surface quality

Part number
3 90 00 000 49 7



Connecting piece
Required for adapting the GXC module to a belt grinder of the GI program

Part number
6 99 02 187 00 0

ACCESSORIES GRIT GXE



**Stainless steel sanding support
GXE**

Part number
6 99 02 344 00 0



Steel wire brush
Ø 250 mm x 60 mm, with very high wire drawing strength for highly efficient use, mounting hole Ø 51 mm. 0.2 mm thick wire for thin-walled pipes and profiles. 0.35 mm-thick wire for universal use. 0.5 mm thick wire for thick-walled pipes and profiles and great deburring results.
Steel version

Wire thickness mm	Part number
0,20	6 99 02 006 00 0
0,35	6 99 02 007 00 0
0,50	6 99 02 008 00 0



Steel wire brush
Ø 250 mm x 60 mm, with very high wire drawing strength for highly efficient use, mounting hole Ø 51 mm. 0.2 mm thick wire for thin-walled pipes and profiles. 0.35 mm-thick wire for universal use. 0.5 mm thick wire for thick-walled pipes and profiles and great deburring results.
Stainless steel version

Wire thickness mm	Part number
0,20	6 99 02 009 00 0
0,35	6 99 02 010 00 0



Eye protection
Acrylic screen for protection against sparks

No. in pack pcs	Part number
3	3 90 00 000 00 4

ACCESSORIES GRIT GXW



Grinding/cooling emulsion
Concentrate, 10 l, mixing ratio 1:30, yields 300 l of ready-to-use cooling lubricant.

Part number
6 99 02 100 00 0

OTHER GRIT GX ACCESSORIES



Hose
Flexible, for swarf extraction, 90 mm in diameter, 1 m long, steel, high level of heat resistance.

Part number
3 90 00 000 00 2



Tube clamps
For securing the flexible hose.

Part number
3 90 00 000 00 3

BELT GRINDING



Dust container
For extinguishing sparks, metal lid for hose connection, plastic handles on the sides, capacity approx. 20 l.

Part number
6 99 02 000 00 0



Device for dust extract
for connecting to industrial dust extractor.

Part number
6 99 02 000 14 7

ACCESSORIES FOR GRIT GI 75 / GI 75 2H



Graphite pad
As sliding base for surface grinding.

No. in pack pcs	Part number
5	3 90 00 000 00 1



Eye protection GU75/GR/GXR (3 pieces)

Part number
3 90 00 000 00 7



Mitre joint unit for preparation of welded seams
Fixture for chamfering workpieces to prepare welded seams. GI/GIS 75

Part number
6 99 02 000 15 0



Stainless steel sanding support
GI/GIS 75

Part number
6 99 02 000 14 8

ACCESSORIES FOR GRIT GI 150 / GI 150 2H



Graphite coating

Part number
3 90 00 000 05 6



Mitre joint unit for preparation of welded seams
Fixture for chamfering workpieces to prepare welded seams. GI/GIS 150

Part number
6 99 02 000 15 1



Stainless steel sanding support
GI/GIS 150

Part number
6 99 02 000 14 9



Eye protection

No. in pack pcs	Part number
3	3 90 00 000 18 4

ACCESSORIES FOR GRIT GIR



Contact roller
Long service lives, low roll resistance thanks to high-quality ball bearings, easy to interchange

Ø mm	Part number
20,0	6 99 02 101 00 0
22,0	6 99 02 102 00 0
25,0	6 99 02 103 00 0
25,4	6 99 02 104 00 0
26,9	6 99 02 105 00 0
28,0	6 99 02 106 00 0
30,0	6 99 02 107 00 0
32,0	6 99 02 108 00 0
33,7	6 99 02 109 00 0
35,0	6 99 02 110 00 0
38,0	6 99 02 111 00 0
38,1	6 99 02 112 00 0
38,3	6 99 02 113 00 0
40,0	6 99 02 114 00 0
42,4	6 99 02 115 00 0
44,5	6 99 02 116 00 0
48,3	6 99 02 117 00 0
50,0	6 99 02 118 00 0
50,8	6 99 02 119 00 0
60,0	6 99 02 120 00 0
60,3	6 99 02 121 00 0
63,5	6 99 02 122 00 0
69,0	6 99 02 123 00 0
76,1	6 99 02 124 00 0
76,2	6 99 02 125 00 0
84,0	6 99 02 126 00 0
88,9	6 99 02 127 00 0
101,6	6 99 02 128 00 0
104,0	6 99 02 129 00 0
108,0	6 99 02 130 00 0
114,3	6 99 02 131 00 0
133,0	6 99 02 132 00 0
139,7	6 99 02 133 00 0
168,3	6 99 02 134 00 0
193,7	6 99 02 000 18 7



Eye protection

No. in pack pcs	Part number
3	3 90 00 000 18 4



Mitre grinding plate GIG
For precision mitre joint grinding, easy assembly.

Part number
6 99 02 175 00 0



Adaptor
For optimum extraction, for connection to the machine base GRIT GIBE with double extraction.

Part number
6 99 02 182 00 0

ACCESSORIES FOR GRIT GIE



Steel wire brush
Ø 250 mm x 60 mm, with very high wire drawing strength for highly efficient use, mounting hole Ø 51 mm. 0.2 mm thick wire for thin-walled pipes and profiles. 0.35 mm-thick wire for universal use. 0.5 mm thick wire for thick-walled pipes and profiles and great deburring results. Steel version

Wire thickness mm	Part number
0,20	6 99 02 006 00 0
0,35	6 99 02 007 00 0
0,50	6 99 02 008 00 0



Steel wire brush
Ø 250 mm x 60 mm, with very high wire drawing strength for highly efficient use, mounting hole Ø 51 mm. 0.2 mm thick wire for thin-walled pipes and profiles. 0.35 mm-thick wire for universal use. 0.5 mm thick wire for thick-walled pipes and profiles and great deburring results. Stainless steel version

Wire thickness mm	Part number
0,20	6 99 02 009 00 0
0,35	6 99 02 010 00 0



Eye protection GU75/GR/GXR (3 pieces)

Part number
3 90 00 000 00 7



Cassette filter
Suitable for GRIT GIBE.

Part number
3 90 00 000 97 6



Metal filter
Suitable for GRIT GIBE.

Part number
3 90 00 000 10 0



GRIT GIC ACCESSORIES



Pipe support
Ø 10-160 mm
Can be combined with one another depending on the pipe length desired.

max. pipe length mm	Part number
1 000	6 99 02 180 60 0



Pipe support
Ø 10-160 mm
Can be combined with one another depending on the pipe length desired.

max. pipe length mm	Part number
1 500	6 99 02 181 60 0



Pipe cleaning unit
For a clean and dry working environment. The coolant is wiped off the pipe surface without the pipe being scratched. For pipes with a diameter of between 10 and 130 mm. Easy to fit on GIC.

Part number
6 99 02 000 14 6

Drilling template
For fitting on belt grinders GI 75 / GI 75 2H from before the 1034026 series. For subsequent threaded bores on these belt grinders.

Part number
3 90 00 004 55 4



Guide rail, brass
For dry grinding and course material surfaces

Part number
3 90 00 000 49 6



Nylon glide support
For high surface quality

Part number
3 90 00 000 49 7



Grinding/cooling emulsion
Concentrate, 10 l, mixing ratio 1:30, yields 300 l of ready-to-use cooling lubricant.

Part number
6 99 02 100 00 0

GRIT GIL ACCESSORIES



Graphite pad
As sliding base for surface grinding.

No. in pack pcs	Part number
4	3 90 00 004 76 0

OTHER ACCESSORIES GRIT GI



Hose
Flexible, for swarf extraction, 90 mm in diameter, 1 m long, steel, high level of heat resistance.

Part number
3 90 00 000 00 2



Tube clamps
For securing the flexible hose.

Part number
3 90 00 000 00 3



Dust container
Plastic, to douse sparks, with handles on the sides, capacity about 15 l

Part number
3 90 00 000 38 5



Dust container
For extinguishing sparks, metal lid for hose connection, plastic, handles on the sides, capacity approx. 20 l.

Part number
6 99 02 000 00 0



Device for dust extract
for connecting to industrial dust extractor.

Part number
6 99 02 000 14 7



Contact disc
Ø 200 x 50 mm
90 shore, grooved

Part number
6 99 02 346 00 0

Drive wheel puller

Part number
6 99 02 410 00 0



Swivel joint GIT for GIL
For adapting working area to tight spaces, continuously variable swivel range of up to 90°.

Part number
6 99 02 176 00 0



Plugbox 2 x 7 poles

Part number
6 99 02 183 00 0



Connecting piece
Required for adapting the GXR module to a belt grinder of the GI program

Part number
6 99 02 186 00 0



Connecting piece
Required for adapting the GXC module to a belt grinder of the GI program

Part number
6 99 02 187 00 0

Jawset vice

Part number
6 99 02 335 00 0

GRIT GI 100 ACCESSORIES



Graphite coating

Part number
3 90 00 000 18 3



Eye protection
Acrylic screen for protection against sparks

No. in pack pcs	Part number
3	3 90 00 000 19 0





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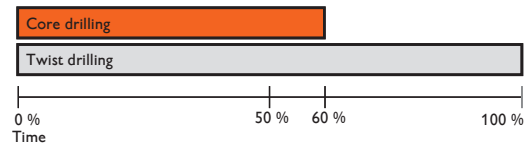
CORE DRILLING



GET TO THE CORE OF THE MATTER FASTER.

More precise, more economical and faster than ever before: the FEIN core drills deliver the best drilling results in the shortest times. The compact, powerful and universal FEIN core drills reduce effort to a minimum, because as well as requiring no pre-drilling or retooling, they also offer rapid work progress. And because FEIN core drill bits have a smaller machining surface, the feed force is minimal – saving time, energy and money.

Cuts working time by up to 40 %



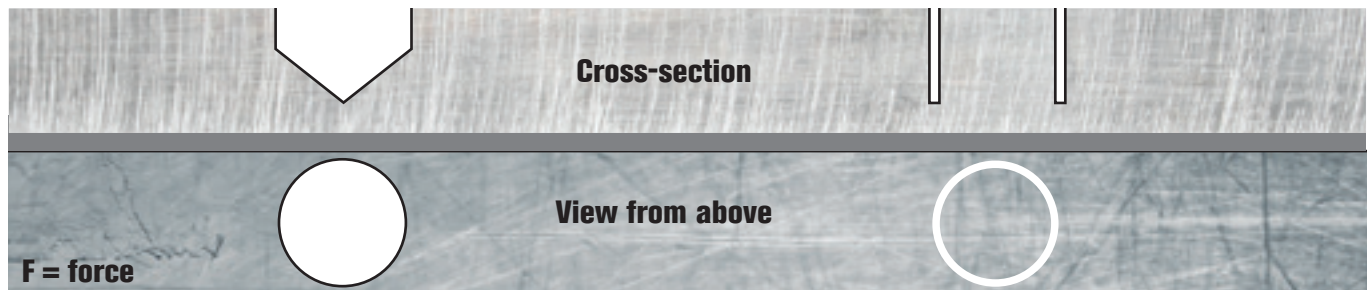
Twist drilling

- ▶ Centring
- ▶ Pre-drilling
- ▶ Tool change
- ▶ Finish drilling



Core drilling

- ▶ Core drilling does all this in a single process.

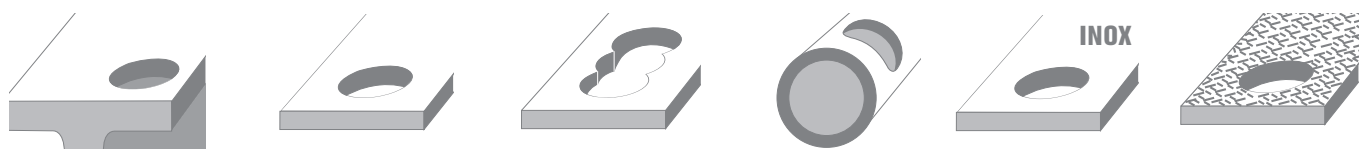


Efficiency means achieving maximum results with minimum effort – which perfectly describes FEIN core drills. Unlike conventional twist drilling, core drilling only involves machining a narrow ring and not the entire drilling surface. This allows the hole to be produced with much less feed force and effort on the user's part – and in a much

shorter time. One step is all it takes to make core-drilled holes in metal. This makes core drilling a very economical drilling technique.

Wide range of applications

Core drilling can be used for a wide range of tasks, from drilling in steel girders to overlapping holes, drilling in multi-layer materials and offset stop-drilling.



CORE DRILLING EXPERTISE FROM FEIN: ALL THE BENEFITS AT A GLANCE.

**WITH FEIN, YOU'LL
ALWAYS FIND THE
RIGHT TOOL FOR THE
JOB – THE WIDEST
RANGE OF CORE DRILLS
FOR METALWORKING.**

Whether you are looking for fully automatic solutions for volume production or machines with basic functions, FEIN is the specialist in application solutions for core drilling. We provide hand-guided core drilling systems, which are ideally suited to flexible use in tight spaces, compact magnetic core drills with minimal dimensions and universal solutions, which can also be used for twist drilling, tapping, reaming and countersinking.

**FEIN BENEFITS:
ERGONOMIC,
EASY TO USE,
CLOSE-TO-USER.**

FEIN's core drills have centrally arranged and intuitive controls. Their optimum power-to-weight ratio also allows them to be used out and about for work overhead. An extra large stroke range allows very long drill tools to be used even when twist drilling and tapping.

DECADES OF EXPERIENCE AND OUTSTANDING QUALITY WHEN IT COMES TO CORE DRILLS.

Since inventing the first electromagnetic drill in 1909, we have been continually further developing magnetic core drills and core drill bits.

Superlative quality, first-class materials and the very best workmanship ensure that our tools last a very long time. The FEIN high-power motor guarantees continually good work progress. The high magnetic holding force ensures secure positioning and therefore the best possible safety for the user. What's more, the models of the KBC, KBU and KBA series also have a magnetic force display. The innovative design means that the drilling point can be clearly seen at all times.

ALL MADE BY FEIN.

The perfect combination of core drill, core drill bits and accessories. Everything is perfectly matched for drilling in steel, stainless steel or aluminium. Our tools produce a perfect hole pattern – with virtually no burr formation and at an impressive speed.

FOR ANY APPLICATION: THE RIGHT TOOL FROM FEIN.

Metalworking covers a wide range of tasks. At FEIN you will find the right core drill from our 5 performance classes, perfectly matched to the work you do: hand-guided, mobile or stationary. The core drills cover diameters of between 1.5 and 80 mm and cutting depths of up to 75 mm.



MOBILE



- ▶ Hand-guided system: Maximum flexibility and versatility.
- ▶ Regardless of material and surface: Also suited to uneven and non-magnetic metals.
- ▶ Work progress six times the speed of twist drilling.



ECONOMICAL



- ▶ Entry-level models with basic functionality for core and twist drilling.
- ▶ Optimum value for money.
- ▶ Suitable for use with very long drilling tools.



COMPACT



- ▶ Working in tight spaces and those that are difficult to access – even when working vertically and overhead.
- ▶ Small and compact: Ideal for installation work at height.
- ▶ Perfect width across corners for work very close to the edge.



UNIVERSAL



- ▶ Maximum versatility: can be used for core, spiral and tap drilling, countersinking and reaming.
- ▶ Use of very long drill tools thanks to double drill motor guide which can be adjusted in an infinitely variable manner.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user – risk of incorrect operation is reduced.



AUTOMATIC



- ▶ Saves time and money when producing a large number of holes thanks to the drill feed.
- ▶ Working times can be planned thanks to reproducible and timed drilling times.
- ▶ This gives the worker control over the drilling process.



HERE YOU'LL FIND THE RIGHT PERFORMANCE CLASS FOR YOUR APPLICATIONS.

APPLICATION/ FUNCTIONALITY	MOBILE	ECONOMICAL	COMPACT	UNIVERSAL	AUTOMATIC
Core drilling	▲▲	▲▲	▲▲	▲▲	▲▲
Fully automatic core drilling	-	-	-	-	▲▲
Twist drilling	▲▲	▲	▲	▲▲	▲▲*
Twist drilling with MT fitting	-	▲	-	▲▲	▲▲*
Tapping	▲▲	-	▲	▲▲	▲▲*
Countersinking	▲▲	-	▲	▲▲	▲▲*
Reaming	-	-	-	▲▲	▲▲
Confined spaces	▲▲	▲	▲▲	▲	▲
EQUIPMENT					
Clockwise/ anti-clockwise rotation	✓	-	✓	✓	✓
Electronic speed setting	✓	-	✓	✓	✓
MT tool mounting	-	✓	-	✓	✓
Extra-large stroke range	-	✓	-	✓	✓
Speed-controlled tacho electronics	✓	-	✓	✓	✓
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▲▲ very suitable ▲ suitable ✓ included

* in manual tool mode only

MOBILE

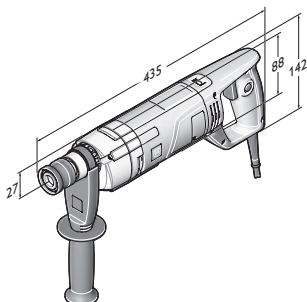


	KBH 25 S	KBH 25-2 U
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	Hand-guided single-speed metal core drilling system for rapid and flexible use of core drills.	Hand-guided 2-speed metal core drilling system for universal use of core drills and twist drills.
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Application	Tapping		▲▲	
	Countersinking		▲▲	
	Sawing holes in sheet metal		▲▲	
	Core drilling in metal	▲▲	▲▲	
	Twist drilling		▲▲	
Equipment	Reversible rotation	●	●	
	Speed-controlled electronics (tacho)	●	●	
	Torque slipping clutch	●	●	
	Acceleration electronics	●	●	
	Speed preselection	●	●	
Technical data	Input	W	1 200	1 200
	Output	W	680	680
	Centre drilling	rpm	0 - 1 600*	0 - 1 600
	Load speed in speed 1	rpm	0 - 520*	0 - 520
	Load speed in speed 2	rpm		0 - 1 600
	Torque at max. output power	Nm	50	50
	Stall torque	Nm	50 **	50 **
	Hole diameter in steel / stainless steel, twist drill	mm	-	16
	Drilling diameter in steel, core drill bit	mm	25	25
	Hole diameter in stainless steel, core drill	mm	25	25
	Drilling diameter in aluminium, core drill bit	mm	30	30
	Core drill, drilling depth max.	mm	20	20
	Drilling diameter in steel, hole saws	mm		80
	Hole saws, max. drilling depth	mm		4
	Tapping			M 12
	Core drill holder		QuickIN PLUS	QuickIN PLUS
	Cable with plug	mm	27	27
Cable with plug	m	4	4	
Weight according to EPTA	kg	3,30	3,40	

▲▲ optimal suitability ▲ suitability ● included *No manual changeover possible ** Torque slipping clutch



KBH 25 S
KBH 25-2 U



MOBILE CORE DRILL



Fast problem-solver:

First, the centring bit pre-drills at 1600 rpm and decouples. Then the speed is automatically reduced to 520 rpm. This gives you the optimum cutting speed for carbide core drill bits.



Flexible working:

The FEIN KBH drills reliably on all common metals and surfaces. The speed can be adapted to the job in hand.

KBH 25 S

Hand-guided single-speed metal core drilling system for rapid and flexible use of core drills.



For accessories, see page 127

Supplied

1 centring drill bit, 1 additional handle,
1 cutting spray, 1 plastic carrying case

Input	W	1 200
Output	W	680
Centre drilling	rpm	0 - 1 600*
Load speed in speed 1	rpm	0 - 520*
Torque at max. output power	Nm	50
Stall torque	Nm	50 **
Drilling diameter in steel, core drill bit	mm	25
Hole diameter in stainless steel, core drill	mm	25
Drilling diameter in aluminium, core drill bit	mm	30
Core drill, drilling depth max.	mm	20
Core drill holder		QuickIN PLUS
Width across corners	mm	27
Cable with plug	m	4
Weight according to EPTA	kg	3,30

Part number 7 271 04 61

BENEFITS OF USE

- ▶ Work up to 6 times faster thanks to innovative drilling technology: 5 mm deep centre drilling at 1600 rpm followed by disconnection of the centre bit and automatic speed change to 520 rpm to achieve the optimum cutting speed for carbide core bits. With its specially developed cutting geometry, the carbide core bit completes the desired hole diameter with little effort on the user's part.
- ▶ Can be used with all standard metals and surfaces by adjusting the speed to the task in hand.
- ▶ High level of safety thanks to torque slipping clutch. Protects the user in the event of overload by disconnecting the output side from the drive side.

PRODUCT FEATURES

- ▶ Reversible rotation.
- ▶ FEIN high-power motor with high speed stability.
- ▶ Variable speed control.
- ▶ Infinitely variable electronic speed setting.
- ▶ Speed-controlled tachometer electronics.
- ▶ Distortion-free barrel-type motor housing.
- ▶ Carbide core drill bits with optimised service life.
- ▶ Restart lock.
- ▶ Wide range of accessories.
- ▶ *No manual changeover possible.
- ▶ ** Torque slipping clutch.

KBH 25-2 U



For accessories, see page 127

Supplied

1 centring drill bit, 1 quick-action chuck
 Ø 3-16 mm, 1 additional handle, 1 cutting
 spray, 1 plastic carrying case

Hand-guided 2-speed metal core drilling system for universal use of core drills and twist drills.

Input	W	1 200
Output	W	680
Centre drilling	rpm	0 - 1 600
Load speed in speed 1	rpm	0 - 520
Load speed in speed 2	rpm	0 - 1 600
Torque at max. output power	Nm	50
Stall torque	Nm	50 **
Drilling diameter in steel, core drill bit	mm	25
Hole diameter in stainless steel, core drill	mm	25
Drilling diameter in aluminium, core drill bit	mm	30
Core drill, drilling depth max.	mm	20
Drilling diameter in steel, hole saws	mm	80
Hole saws, max. drilling depth	mm	4
Tapping		M 12
Hole diameter in steel / stainless steel, twist drill	mm	16
Core drill holder		QuickIN PLUS
Width across corners	mm	27
Cable with plug	m	4
Weight according to EPTA	kg	3,40

Part number 7 271 03 61

BENEFITS OF USE

- ▶ Work up to 6 times faster thanks to innovative drilling technology: 5 mm deep centre drilling at 1600 rpm followed by disconnection of the centre bit and automatic speed change to 520 rpm to achieve the optimum cutting speed for carbide core bits. With its specially developed cutting geometry, the carbide core bit completes the desired hole diameter with little effort on the user's part.
- ▶ Mechanical 2-speed gearbox with speeds of 0-1600 rpm for efficient twist drilling and clockwise/anti-clockwise operation for cutting threads up to M12.
- ▶ High level of safety thanks to torque slipping clutch. Protects the user in the event of overload by disconnecting the output side from the drive side.

PRODUCT FEATURES

- ▶ Reversible rotation.
- ▶ FEIN high-power motor with high speed stability.
- ▶ Variable speed control.
- ▶ Infinitely variable electronic speed setting.
- ▶ Speed-controlled tacho electronics.
- ▶ Distortion-free barrel-type motor housing.
- ▶ Carbide core drill bits with optimised service life.
- ▶ Restart lock.
- ▶ Wide range of accessories.
- ▶ ** Torque slipping clutch.



CARBIDE CORE DRILL



Carbide core drill bit with QuickIN PLUS holder
Outstanding cutting performance in all common metals.
Metric dimensions, cutting depth 20 mm, drilling diameter in steel up to 25 mm, drilling diameter in aluminium up to 30 mm.

Bore Ø mm	Part number
14	6 31 30 014 01 0
15	6 31 30 015 01 0
16	6 31 30 016 01 0
17	6 31 30 017 01 0
18	6 31 30 018 01 0
19	6 31 30 019 01 0
20	6 31 30 020 01 0
21	6 31 30 021 01 0
22	6 31 30 022 01 0
23	6 31 30 023 01 0
24	6 31 30 024 01 0
25	6 31 30 025 01 0
26	6 31 30 026 01 0
27	6 31 30 027 01 0
28	6 31 30 028 01 0
29	6 31 30 029 01 0
30	6 31 30 030 01 0

TiAIN-COATED CARBIDE CORE DRILL



Carbide core drill bit with TiAIN coating and QuickIN PLUS holder
Maximum service life thanks to TiAIN coating. Outstanding cutting performance in all common metals, 20 % better work progress, reduced cutting and feed forces thanks to TiAIN coating.
Metric dimensions, cutting depth 20 mm, drilling diameter in steel up to 25 mm, drilling diameter in aluminium up to 30 mm.

Bore Ø mm	Part number
14	6 31 30 114 01 0
15	6 31 30 115 01 0
16	6 31 30 116 01 0
17	6 31 30 117 01 0
18	6 31 30 118 01 0
19	6 31 30 119 01 0
20	6 31 30 120 01 0
21	6 31 30 121 01 0
22	6 31 30 122 01 0
23	6 31 30 123 01 0
24	6 31 30 124 01 0
25	6 31 30 125 01 0
26	6 31 30 126 01 0
27	6 31 30 127 01 0
28	6 31 30 128 01 0
29	6 31 30 129 01 0
30	6 31 30 130 01 0

CARBIDE HOLE SAWS



Carbide hole saw with QuickIN PLUS holder
Carbide cutting tips for optimum service life for efficient drilling in sheet metal plate up to 4.0 mm thick.
Metric dimensions, cutting depth 4 mm.

Bore Ø mm	Part number
14	6 31 31 014 01 0
15	6 31 31 015 01 0
16	6 31 31 016 01 0
17	6 31 31 017 01 0
18	6 31 31 018 01 0
19	6 31 31 019 01 0
20	6 31 31 020 01 0
21	6 31 31 021 01 0
22	6 31 31 022 01 0
23	6 31 31 023 01 0
24	6 31 31 024 01 0
25	6 31 31 025 01 0
26	6 31 31 026 01 0
27	6 31 31 027 01 0
28	6 31 31 028 01 0
29	6 31 31 029 01 0
30	6 31 31 030 01 0
31	6 31 31 031 01 0
32	6 31 31 032 01 0
33	6 31 31 033 01 0
34	6 31 31 034 01 0
35	6 31 31 035 01 0
36	6 31 31 036 01 0
37	6 31 31 037 01 0
38	6 31 31 038 01 0
39	6 31 31 039 01 0
40	6 31 31 040 01 0
41	6 31 31 041 01 0
42	6 31 31 042 01 0
43	6 31 31 043 01 0
44	6 31 31 044 01 0
45	6 31 31 045 01 0
46	6 31 31 046 01 0
47	6 31 31 047 01 0
48	6 31 31 048 01 0
49	6 31 31 049 01 0
50	6 31 31 050 01 0
51	6 31 31 051 01 0
52	6 31 31 052 01 0
53	6 31 31 053 01 0
54	6 31 31 054 01 0
55	6 31 31 055 01 0
56	6 31 31 056 01 0
57	6 31 31 057 01 0
58	6 31 31 058 01 0
59	6 31 31 059 01 0
60	6 31 31 060 01 0
65	6 31 31 065 01 0
68	6 31 31 068 01 0
70	6 31 31 070 01 0
75	6 31 31 075 01 0
80	6 31 31 080 01 0

CARBIDE HOLE SAWS FOR PIPES



Carbide hole saw for pipes with QuickIN PLUS holder
Carbide cutting tips for optimum service life for use with pipe material and curved surfaces with wall thicknesses of up to 4 mm.
Metric dimensions, cutting depth 4 mm.

Bore Ø mm	Part number
21	6 31 31 421 01 0
22	6 31 31 422 01 0
23	6 31 31 423 01 0
24	6 31 31 424 01 0
25	6 31 31 425 01 0
26	6 31 31 426 01 0
27	6 31 31 427 01 0
28	6 31 31 428 01 0
29	6 31 31 429 01 0
30	6 31 31 430 01 0
31	6 31 31 431 01 0
32	6 31 31 432 01 0
33	6 31 31 433 01 0
34	6 31 31 434 01 0
35	6 31 31 435 01 0
36	6 31 31 436 01 0
37	6 31 31 437 01 0
38	6 31 31 438 01 0
39	6 31 31 439 01 0
40	6 31 31 440 01 0
41	6 31 31 441 01 0
42	6 31 31 442 01 0
43	6 31 31 443 01 0
44	6 31 31 444 01 0
45	6 31 31 445 01 0
46	6 31 31 446 01 0
47	6 31 31 447 01 0
48	6 31 31 448 01 0
49	6 31 31 449 01 0
50	6 31 31 450 01 0
51	6 31 31 451 01 0
52	6 31 31 452 01 0
53	6 31 31 453 01 0
54	6 31 31 454 01 0
55	6 31 31 455 01 0
56	6 31 31 456 01 0
57	6 31 31 457 01 0
58	6 31 31 458 01 0
59	6 31 31 459 01 0
60	6 31 31 460 01 0
65	6 31 31 465 01 0
68	6 31 31 468 01 0

CENTRING DRILL BIT



Centring drill bit

No. in pack pcs	Part number
1	6 31 14 038 01 0
5	6 31 14 038 02 0

TAPPING



Collet chuck
with collets 6/7/9 mm

Part number
6 32 06 067 02 0



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M2 (DIN 352, DIN 371),
M4 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
2,8	2,1	6 32 06 077 00 1



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M3 (DIN 352, DIN 371),
M5 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
3,5	2,7	6 32 06 064 00 1



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M4 (DIN 352, DIN 371),
M6 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
4,5	3,4	6 32 06 065 00 5



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M5 (DIN 352, DIN 371),
M6 (DIN 352), M7 (DIN 352),
M8 (DIN 352, DIN 357, DIN 376)

Ø mm	Square mm	Part number
6	4,9	6 32 06 066 00 8



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M7 (DIN 371), M9 (DIN 352)
M10 (DIN 352, DIN 357, DIN 376)

Ø mm	Square mm	Part number
7	5,5	6 32 06 070 00 6



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M12 (DIN 357, DIN 371,
DIN 376)

Ø mm	Square mm	Part number
9	7	6 32 06 075 00 4



Collets
for collet chucks and floating
collet chucks and tapping adapters.
M8 (DIN 371), M11 (DIN 352)

Ø mm	Square mm	Part number
8	6,2	6 32 06 078 00 9



Collets
for collet chucks and floating collet
chucks and tapping adapters.
M10 (DIN 371)

Ø mm	Square mm	Part number
10	8	6 32 06 079 00 3



Jaw chuck
for tapping drill direct adaptor
clamping range 2.8 - 9.0 mm,
with key wrench

Part number
6 32 06 018 01 0

OTHER ACCESSORIES



Swarf cup
Prevents contact with hot swarf
with sharp edges.

Part number
3 21 74 013 01 0



Cutting spray
300 ml pump spray, for long tool
life, optimum cutting performance
and enhanced swarf flow.

Part number
3 21 32 031 00 0



Cutting paste
Lubricating agents for working on
sheet metals.

Part number
3 21 32 020 12 9



Extension
For use on confined, deep or
layered surfaces. QuickIN-PLUS
holder, length 100 mm, including
adapter for centring drill bit.

Part number
6 31 06 017 01 0



**QuickIN PLUS adapter on
B16**

Part number
6 39 01 047 00 0



**QuickIN Plus adapter for
1/2" -20 UNF**

Part number
6 39 01 054 00 0



Key-type drill chucks
Drill chuck holder B 16

Chuck opening mm	Weight kg	Part number
1,5-13	0,41	6 32 02 030 01 5



Quick-action chucks
Drill chuck holder B 16
R shaped tip with locking force
safety device

Chuck opening mm	Weight kg	Part number
1-13	0,56	6 32 04 032 00 6



Quick-action chucks
Single sheath metal SUPRA SKE
quick clamping drill chuck with
locking force safety device, drill
chuck holder 1/2" - 20 UNF

Chuck opening mm	Weight kg	Part number
3-16	0,56	6 32 05 038 01 0



Quick-action chucks
SUPRA SKE single-sheath metal
quick-clamping drill chuck with
chucking force safety device,
QuickIN Plus holder

Part number
6 39 01 054 01 0



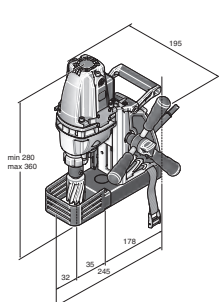
ECONOMICAL



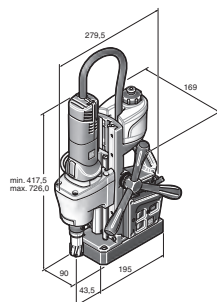
	KBE 30	KBE 35	KBE 50-2	KBE 50-2 M	KBE 65-2 M
Small and extremely lightweight single-speed economical magnetic core drill with basic functionality for core drilling on the construction site.					
Small and powerful single-speed Eco magnetic core drill with basic functionality for core drilling and twist drilling on the construction site.					
Lightweight and powerful 2-speed Eco magnetic core drill with basic functionality for core drilling and twist drilling in the workshop and on the construction site.					
Lightweight and powerful 2-speed Eco magnetic core drill with MT3 tool mounting and basic functionality for core drilling and twist drilling in the workshop and on the construction site.					
Powerful and very high-performance 2-speed Eco magnetic core drill with MT3 tool mounting, 75 mm cutting depth and basic functionality for core drilling and twist drilling in the workshop and on the construction site.					

			130	131	131	132	132
Application	Page		130	131	131	132	132
	Core drilling in metal with a Ø up to 35 mm		▲▲	▲▲	▲▲	▲▲	▲▲
	Core drilling in metal with a Ø up to 50 mm				▲▲	▲▲	▲▲
	Core drilling in metal with a Ø up to 65 mm						▲▲
	Twist drills with drill chuck (DIN 338)			▲▲	▲▲	▲▲	▲▲
	Twist drills with MK fitting (DIN 345)					▲▲	▲▲
	Working one-handed		▲▲	▲▲	▲▲	▲▲	▲▲
	Working overhead		▲▲	▲▲	▲	▲	▲
Equip-ment	Installation work		▲▲	▲▲	▲▲	▲▲	▲
	Workshop jobs		▲▲	▲▲	▲▲	▲▲	▲▲
Technical data	Feed handwheel can be moved from one side to the other		●	●	●	●	●
	Input	W	750	850	1 100	1 100	1 200
	Output	W	430	450	650	650	700
	Speed, full load	rpm	430	460			
	Load speed in speed 1	rpm			260	260	240
	Load speed in speed 2	rpm			520	520	500
	Speed, no load	rpm	740	620			
	Idling speed in speed 1	rpm			330	330	310
	Idling speed in speed 2	rpm			650	650	630
	Carbide core drill bit max. Ø	mm	30	35	50	50	65
	HSS core drill max. Ø	mm	30	35	50	50	50
	Core drill, drilling depth max.	mm	50	50	50	50 (75*)	75
	Twist drill max. Ø	mm		13	16	23	25
	Core drill holder		3/4" Weldon	3/4" Weldon	3/4" Weldon	3/4" Weldon	3/4" Weldon
	Stroke	mm	65	135	135	135	135
	Magnetic holding power	N	9 000	12 000	12 000	12 000	12 000
	Magnetic foot dimensions	mm	178 x 95	195 x 90	195 x 90	195 x 90	195 x 90
Cable with plug	m	3,80	3	3	3	3	
Weight according to EPTA	kg	10,50	11,80	12,50	13,50	13,80	

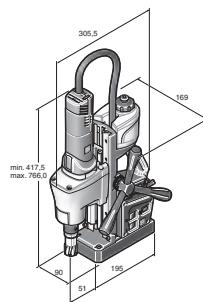
▲▲ optimal suitability ▲ suitability ● included * Also available with accessories.



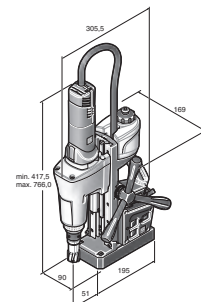
KBE 30



KBE 35



KBE 50-2



KBE 50-2 M KBE 65-2 M

ECONOMICAL MAGNETIC CORE DRILL



Designed for core drilling:

Do you need a tool just for core drilling? Then FEIN KBE models not only allow you to work reliably but economically too.

Incredible value for money:

With FEIN there is no need to compromise on service life and work progress even with entry-level models.

KBE 30

Small and extremely lightweight single-speed economical magnetic core drill with basic functionality for core drilling on the construction site.



For accessories, see page 136

Supplied

1 coolant tank, 1 lashing strap, 1 centring pin 100 mm, 1 contact guard, 1 socket head wrench 5 mm

Input	W	750
Output	W	430
Speed, full load	rpm	430
Speed, no load	rpm	740
Core drill, drilling depth max.	mm	50
Carbide core drill bit max. Ø	mm	30
HSS core drill max. Ø	mm	30
Core drill holder		3/4" Weldon
Stroke	mm	65
Magnetic holding power	N	9 000
Magnetic foot dimensions	mm	178 x 95
Cable with plug	m	3,80
Weight according to EPTA	kg	10,50

Part number	7 270 65 60
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BENEFITS OF USE

- ▶ For tough use thanks to the outstanding quality of workmanship and the internal motor cable guide.
- ▶ Lightweight with FEIN high-power motor and high torque for all core drilling tasks
- ▶ Uncompromising with regard to service life and work progress coupled with outstanding value for money.

PRODUCT FEATURES

- ▶ Internal cooling.
- ▶ High magnetic holding force.
- ▶ Feed handwheel can be moved from one side to the other.



KBE 35



For accessories, see page 136

Supplied

1 coolant tank, 1 lashing strap, 1 centring pin
100 mm, 1 contact guard, 2 x 5 and 6 mm
hexagon socket wrench

Small and powerful single-speed Eco magnetic core drill with basic functionality for core drilling and twist drilling on the construction site.

Input	W	850
Output	W	450
Speed, full load	rpm	460
Speed, no load	rpm	620
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	13
Core drill holder		3/4" Weldon
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	12 000
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	3
Weight according to EPTA	kg	11,80

Part number	7 270 50 60
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BENEFITS OF USE

- ▶ For tough use thanks to the outstanding quality of workmanship
- ▶ FEIN high-power motor with high torque and large stroke range for core and twist drilling.
- ▶ Uncompromising with regard to service life and work progress coupled with outstanding value for money.

PRODUCT FEATURES

- ▶ Integrated coolant tank.
- ▶ High magnetic holding force.
- ▶ Optimum power-to-weight ratio.
- ▶ Feed handwheel can be moved from one side to the other with hex hub.
- ▶ Integrated Allen wrench holder.

KBE 50-2



For accessories, see page 136

Supplied

1 coolant tank, 1 lashing strap, 1 centring pin
100 mm, 1 contact guard, 2 x 5 and 6 mm
hexagon socket wrench

Lightweight and powerful 2-speed Eco magnetic core drill with basic functionality for core drilling and twist drilling in the workshop and on the construction site.

Input	W	1 100
Output	W	650
Load speed in speed 1	rpm	260
Load speed in speed 2	rpm	520
Idling speed in speed 1	rpm	330
Idling speed in speed 2	rpm	650
Carbide core drill bit max. Ø	mm	50
HSS core drill max. Ø	mm	50
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Core drill holder		3/4" Weldon
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	12 000
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	3
Weight according to EPTA	kg	12,50

Part number	7 270 51 60
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BENEFITS OF USE

- ▶ For tough use thanks to the outstanding quality of workmanship
- ▶ FEIN high-power motor with high torque and large stroke range for core and twist drilling.
- ▶ Uncompromising with regard to service life and work progress coupled with outstanding value for money.

PRODUCT FEATURES

- ▶ Mechanical 2-speed gearbox.
- ▶ Integrated coolant tank.
- ▶ High magnetic holding force.
- ▶ Optimum power-to-weight ratio.
- ▶ Feed handwheel can be moved from one side to the other with hex hub.
- ▶ Integrated Allen wrench holder.

KBE 50-2 M



For accessories, see page 136

Supplied

1 coolant tank, 1 lashing strap, 1 centring pin 100 mm, 1 contact guard, 2 x 5 and 6 mm hexagon socket wrench, 1 drift key

Lightweight and powerful 2-speed Eco magnetic core drill with MT3 tool mounting and basic functionality for core drilling and twist drilling in the workshop and on the construction site.

Input	W	1 100
Output	W	650
Load speed in speed 1	rpm	260
Load speed in speed 2	rpm	520
Idling speed in speed 1	rpm	330
Idling speed in speed 2	rpm	650
Tool Holder		MK 3
Carbide core drill bit max. Ø	mm	50
HSS core drill max. Ø	mm	50
Core drill, drilling depth max.	mm	50 (75*)
Twist drill max. Ø	mm	23
Core drill holder		3/4" Weldon
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	12 000
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	3
Weight according to EPTA	kg	13,50

BENEFITS OF USE

- ▶ For tough use thanks to the outstanding quality of workmanship
- ▶ FEIN high-power motor with high torque and large stroke range for core and twist drilling.
- ▶ Uncompromising with regard to service life and work progress coupled with outstanding value for money.

PRODUCT FEATURES

- ▶ Mechanical 2-speed gearbox.
- ▶ MT3 tool mounting.
- ▶ Integrated coolant tank.
- ▶ High magnetic holding force.
- ▶ Optimum power-to-weight ratio.
- ▶ Feed handwheel can be moved from one side to the other with hex hub.
- ▶ Integrated Allen wrench holder.
- ▶ * Also available with accessories.

Part number	7 270 52 60
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KBE 65-2 M



For accessories, see page 136

Supplied

1 coolant tank, 1 lashing strap, 1 centring pin 100 mm, 1 contact guard, 2 x 5 and 6 mm hexagon socket wrench, 1 drift key

Powerful and very high-performance 2-speed Eco magnetic core drill with MT3 tool mounting, 75 mm cutting depth and basic functionality for core drilling and twist drilling in the workshop and on the construction site.

Input	W	1 200
Output	W	700
Load speed in speed 1	rpm	240
Load speed in speed 2	rpm	500
Idling speed in speed 1	rpm	310
Idling speed in speed 2	rpm	630
Tool Holder		MK 3
Carbide core drill bit max. Ø	mm	65
HSS core drill max. Ø	mm	50
Core drill, drilling depth max.	mm	75
Twist drill max. Ø	mm	25
Core drill holder		3/4" Weldon
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	12 000
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	3
Weight according to EPTA	kg	13,80

BENEFITS OF USE

- ▶ For tough use thanks to the outstanding quality of workmanship
- ▶ FEIN high-power motor with high torque and large stroke range for core and twist drilling.
- ▶ Uncompromising with regard to service life and work progress coupled with outstanding value for money.

PRODUCT FEATURES

- ▶ Mechanical 2-speed gearbox.
- ▶ MT3 tool mounting.
- ▶ Cutting depth up to 75 mm.
- ▶ Integrated coolant tank.
- ▶ High magnetic holding force.
- ▶ Optimum power-to-weight ratio.
- ▶ Feed handwheel can be moved from one side to the other with hex hub.
- ▶ Integrated Allen wrench holder.

Part number	7 270 61 60
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COMPACT



KBC 35

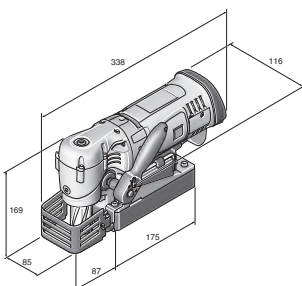
KBB 40

Extremely small and light single-speed compact magnetic core drill with right-angle drive and minimum dimensions for use in tight spaces in the workshop and on the construction site.

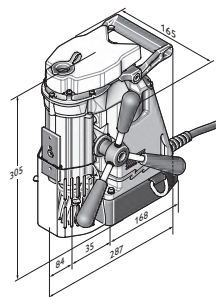
Extremely small single-speed compact magnetic core drill with fixed drill motor for core drilling in tight spaces in the workshop and on the construction site.

	Page	134	135	
Application	Core drilling in metal with a Ø up to 35 mm	▲▲	▲▲	
	Core drilling in metal with a Ø up to 40 mm		▲▲	
	Working one-handed	▲▲	▲▲	
	Working overhead	▲▲	▲▲	
	Installation work	▲▲	▲▲	
	Workshop jobs	▲▲	▲▲	
Equipment	Magnetic holding force display	●		
	Reversible rotation	●		
	Variable speed control	●		
	Memory function	●		
	Speed-controlled electronics (tacho)	●		
	Tilt sensor	●		
Technical data	Input	W	1 100	1 100
	Output	W	550	610
	Speed, full load	rpm	130 - 520	280
	Speed, no load	rpm	130 - 520	450
	Carbide core drill bit max. Ø	mm	35	40
	HSS core drill max. Ø	mm	35	40
	Core drill, drilling depth max.	mm	35	50
	Twist drill max. Ø	mm	16	16
	Tapping		M 12	
	Countersinking max. Ø	mm	32	
	Core drill holder		3/4" Weldon	3/4" Weldon
	Width across corners	mm	33	46
	Height	mm	169	305
	Stroke	mm	46	65
	Magnetic holding power	N	10 000	9 000
	Magnetic foot dimensions	mm	175 x 80	165 x 102
Cable with plug	m	4	3,8	
Weight according to EPTA	kg	7,50	12,80	

▲▲ optimal suitability ● included



KBC 35



KBB 40

COMPACT MAGNETIC CORE DRILL



Problem-solver for confined spaces:

The extremely small and light core drills can always be used, even in tight and difficult-to-reach spots – when working vertically or overhead too.



Flexible to operate:

The KBC 35 can be operated from both sides with different drive tools (3/8" ratchet, 8 mm hexagon socket). This allows you to drill comfortably in any conceivable position.

KBC 35

Extremely small and light single-speed compact magnetic core drill with right-angle drive and minimum dimensions for use in tight spaces in the workshop and on the construction site.



For accessories, see page 136

Supplied

1 x 3/8" ratchet, 1 x 3/8" socket wrench extension, 1 x coolant pump, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 additional handle, 2 x 5 and 8 mm hexagon socket wrench, 2 x 5 and 8 mm hexagon socket wrench with T-handle, 1 case

Input	W	1 100
Output	W	550
Speed, full load	rpm	130 - 520
Speed, no load	rpm	130 - 520
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	35
Twist drill max. Ø	mm	16
Tapping		M 12
Countersinking max. Ø	mm	32
Core drill holder		3/4" Weldon
Width across corners	mm	33
Height	mm	169
Stroke	mm	46
Magnetic holding power	N	10 000
Magnetic foot dimensions	mm	175 x 80
Cable with plug	m	4
Weight according to EPTA	kg	7,50

Part number	7 272 15 61
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BENEFITS OF USE

- ▶ Extremely small and light for working in tight and difficult-to-reach spots - including vertically and overhead - thanks to height of 169 mm.
- ▶ Extremely low wear and long-life tool design with spindle sleeve feed without clearance for accurate drilling results in tough use in industry and manual trades.
- ▶ Speed stable 1100 W FEIN high-power motor with tachometer electronics and forward/reverse running for quick work progress in all applications such as core drilling, twist drilling, tapping and countersinking.

PRODUCT FEATURES

- ▶ Fixed drill motor for working in tight spaces.
- ▶ High gearbox positioning for optimum view of the drilling point.
- ▶ Space-saving operation on both sides with ratchet.
- ▶ Easy tool positioning as it weighs just 7.5 kg.
- ▶ Tilt sensor.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ Electronic speed setting.
- ▶ Internal cooling lubrication by means of hand pump.
- ▶ Speed saving „memory function“.



KBB 40



For accessories, see page 136

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook,
2 centering pins, 1 contact guard, 1 socket
head wrench 5 mm, 1 case

Extremely small single-speed compact magnetic core drill with fixed drill motor for core drilling in tight spaces in the workshop and on the construction site.

Input	W	1 100
Output	W	610
Speed, full load	rpm	280
Speed, no load	rpm	450
Carbide core drill bit max. Ø	mm	40
HSS core drill max. Ø	mm	40
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Core drill holder		3/4" Weldon
Width across corners	mm	46
Height	mm	305
Stroke	mm	65
Magnetic holding power	N	9 000
Magnetic foot dimensions	mm	165 x 102
Cable with plug	m	3,8
Weight according to EPTA	kg	12,80

Part number 7 272 03 61

BENEFITS OF USE

- ▶ Extremely small and light for working in tight and difficult-to-reach spots - including vertically and overhead - thanks to height of 305 mm.
- ▶ Extremely low wear and long-life tool design with spindle sleeve feed without clearance for accurate drilling results in tough use in industry and manual trades.
- ▶ FEIN 1100 W high-power motor operates at constant speed for reliable and economical core drilling to a cutting depth of up to 50 mm.

PRODUCT FEATURES

- ▶ Fixed drill motor for working in tight spaces.
- ▶ High gearbox positioning for optimum view of the drilling point.
- ▶ Feed handwheel can be moved from one side to the other for use in special work situations.
- ▶ Integrated coolant tank.
- ▶ Solid die-cast aluminium construction.

BEST OF CORE DRILLING HSS ACCESSORY SET



Best of core bits 3/4" Weldon
Industrial standard. Metric dimensions, cutting depth 25 mm. Set version, consisting of 4 core bits, 2x 14 mm diameter, 2x 18 mm diameter, (cutting depth 25 mm) and 1 centring pin (80 mm) in plastic case.

Part number
6 31 34 999 06 2



Best of core bits 3/4" Weldon
Industrial standard. Metric dimensions, cutting depth 50 mm. Set version, consisting of 4 core bits, 2x 14 mm diameter, 2x 18 mm diameter, (cutting depth 50 mm) and 1 centring pin (105 mm) in plastic case.

Part number
6 31 34 999 06 4



Best of core bits 3/4" Weldon
Industrial standard. Metric dimensions, cutting depth 25 mm. Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 25 mm) and 2 centring pins (80 mm) in plastic case.

Part number
6 31 34 999 06 1



Best of core bits 3/4" Weldon
Industrial standard. Metric dimensions, cutting depth 50 mm. Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 50 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 34 999 06 3

BEST OF CORE DRILLING CARBIDE ACCESSORY SET



Best of core bits 3/4" Weldon
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 35 mm. Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 35 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 27 714 02 0

CARBIDE CORE DRILL



TCT Ultra 35 core bit with 3/4" Weldon holder
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 35 mm.

Bore Ø mm	Part number
12	6 31 27 714 01 0
13	6 31 27 715 01 0
14	6 31 27 716 01 0
15	6 31 27 717 01 0
16	6 31 27 718 01 0
17	6 31 27 719 01 0
18	6 31 27 720 01 0
19	6 31 27 721 01 0
20	6 31 27 722 01 0
21	6 31 27 723 01 0
22	6 31 27 724 01 0
23	6 31 27 725 01 0
24	6 31 27 726 01 0
25	6 31 27 727 01 0
26	6 31 27 728 01 0
27	6 31 27 729 01 0
28	6 31 27 730 01 0
29	6 31 27 731 01 0
30	6 31 27 732 01 0
31	6 31 27 733 01 0
32	6 31 27 734 01 0
33	6 31 27 735 01 0
34	6 31 27 736 01 0
35	6 31 27 737 01 0
36	6 31 27 738 01 0
37	6 31 27 739 01 0
38	6 31 27 740 01 0
39	6 31 27 741 01 0
40	6 31 27 742 01 0
41	6 31 27 743 01 0
42	6 31 27 744 01 0
43	6 31 27 745 01 0
44	6 31 27 746 01 0
45	6 31 27 747 01 0
46	6 31 27 748 01 0
47	6 31 27 749 01 0
48	6 31 27 750 01 0
49	6 31 27 751 01 0
50	6 31 27 752 01 0
51	6 31 27 753 01 0
52	6 31 27 754 01 0
53	6 31 27 755 01 0
54	6 31 27 756 01 0
55	6 31 27 757 01 0
56	6 31 27 758 01 0
57	6 31 27 759 01 0
58	6 31 27 760 01 0
59	6 31 27 761 01 0
60	6 31 27 762 01 0

HSS CORE DRILL



HSS Nova 25 core bit with 3/4" Weldon holder
Industrial standard. Metric dimensions, cutting depth 25 mm.

Bore Ø mm	Part number
12	6 31 34 120 05 1
13	6 31 34 130 05 1
14	6 31 34 140 05 1
15	6 31 34 150 05 1
16	6 31 34 160 05 1
17	6 31 34 170 05 1
18	6 31 34 180 05 1
19	6 31 34 190 05 1
20	6 31 34 200 05 1
21	6 31 34 210 05 1
22	6 31 34 220 05 1
23	6 31 34 230 05 1
24	6 31 34 240 05 1
25	6 31 34 250 05 1
26	6 31 34 260 05 1
27	6 31 34 270 05 1
28	6 31 34 280 05 1
29	6 31 34 290 05 1
30	6 31 34 300 05 1
31	6 31 34 310 05 1
32	6 31 34 320 05 1
33	6 31 34 330 05 1
34	6 31 34 340 05 1
35	6 31 34 350 05 1
36	6 31 34 360 05 1
37	6 31 34 370 05 1
38	6 31 34 380 05 1
39	6 31 34 390 05 1
40	6 31 34 400 05 1
41	6 31 34 410 05 1
42	6 31 34 420 05 1
43	6 31 34 430 05 1
44	6 31 34 440 05 1
45	6 31 34 450 05 1
46	6 31 34 460 05 1
47	6 31 34 470 05 1
48	6 31 34 480 05 1
49	6 31 34 490 05 1
50	6 31 34 500 05 1
51	6 31 34 510 05 1
52	6 31 34 520 05 1
53	6 31 34 530 05 1
54	6 31 34 540 05 1
55	6 31 34 550 05 1
56	6 31 34 560 05 1
57	6 31 34 570 05 1
58	6 31 34 580 05 1
59	6 31 34 590 05 1
60	6 31 34 600 05 1



HSS Nova 50 core bit with 3/4" Weldon holder
Industrial standard. Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 34 120 05 2
13	6 31 34 130 05 2
14	6 31 34 140 05 2
15	6 31 34 150 05 2
16	6 31 34 160 05 2
17	6 31 34 170 05 2
18	6 31 34 180 05 2
19	6 31 34 190 05 2
20	6 31 34 200 05 2
21	6 31 34 210 05 2
22	6 31 34 220 05 2
23	6 31 34 230 05 2
24	6 31 34 240 05 2
25	6 31 34 250 05 2
26	6 31 34 260 05 2
27	6 31 34 270 05 2
28	6 31 34 280 05 2
29	6 31 34 290 05 2
30	6 31 34 300 05 2
31	6 31 34 310 05 2
32	6 31 34 320 05 2
33	6 31 34 330 05 2
34	6 31 34 340 05 2
35	6 31 34 350 05 2
36	6 31 34 360 05 2
37	6 31 34 370 05 2
38	6 31 34 380 05 2
39	6 31 34 390 05 2
40	6 31 34 400 05 2
41	6 31 34 410 05 2
42	6 31 34 420 05 2
43	6 31 34 430 05 2
44	6 31 34 440 05 2
45	6 31 34 450 05 2
46	6 31 34 460 05 2
47	6 31 34 470 05 2
48	6 31 34 480 05 2
49	6 31 34 490 05 2
50	6 31 34 500 05 2
51	6 31 34 510 05 2
52	6 31 34 520 05 2
53	6 31 34 530 05 2
54	6 31 34 540 05 2
55	6 31 34 550 05 2
56	6 31 34 560 05 2
57	6 31 34 570 05 2
58	6 31 34 580 05 2
59	6 31 34 590 05 2
60	6 31 34 600 05 2



HSS Nova 75 core bit with 3/4" Weldon holder
Industrial standard. Metric dimensions, cutting depth 75 mm.

Bore Ø mm	Part number
19	6 31 34 190 05 3
20	6 31 34 200 05 3
21	6 31 34 210 05 3
22	6 31 34 220 05 3
23	6 31 34 230 05 3
24	6 31 34 240 05 3
25	6 31 34 250 05 3
26	6 31 34 260 05 3
27	6 31 34 270 05 3
28	6 31 34 280 05 3
29	6 31 34 290 05 3
30	6 31 34 300 05 3
32	6 31 34 320 05 3
35	6 31 34 350 05 3
36	6 31 34 360 05 3
40	6 31 34 400 05 3
45	6 31 34 450 05 3
50	6 31 34 500 05 3
60	6 31 34 600 05 3



HSS DURA 25 core bit with 3/4" Weldon holder
TiN surface coating for outstanding service lives and the best glide properties.
Metric dimensions, cutting depth 25 mm.

Bore Ø mm	Part number
12	6 31 34 120 07 5
13	6 31 34 130 07 5
14	6 31 34 140 07 5
15	6 31 34 150 07 5
16	6 31 34 160 07 5
17	6 31 34 170 07 5
18	6 31 34 180 07 5
19	6 31 34 190 07 5
20	6 31 34 200 07 5
21	6 31 34 210 07 5
22	6 31 34 220 07 5
23	6 31 34 230 07 5
24	6 31 34 240 07 5
25	6 31 34 250 07 5
26	6 31 34 260 07 5
27	6 31 34 270 07 5
28	6 31 34 280 07 5
29	6 31 34 290 07 5
30	6 31 34 300 07 5
31	6 31 34 310 07 5
32	6 31 34 320 07 5
33	6 31 34 330 07 5
34	6 31 34 340 07 5
35	6 31 34 350 07 5
36	6 31 34 360 07 5
37	6 31 34 370 07 5
38	6 31 34 380 07 5
39	6 31 34 390 07 5
40	6 31 34 400 07 5
41	6 31 34 410 07 5
42	6 31 34 420 07 5
43	6 31 34 430 07 5
44	6 31 34 440 07 5
45	6 31 34 450 07 5
46	6 31 34 460 07 5
47	6 31 34 470 07 5
48	6 31 34 480 07 5

Bore Ø mm	Part number
49	6 31 34 490 07 5
50	6 31 34 500 07 5
51	6 31 34 510 07 5
52	6 31 34 520 07 5
53	6 31 34 530 07 5
54	6 31 34 540 07 5
55	6 31 34 550 07 5
56	6 31 34 560 07 5
57	6 31 34 570 07 5
58	6 31 34 580 07 5
59	6 31 34 590 07 5
60	6 31 34 600 07 5



HSS DURA 50 core bit with 3/4" Weldon holder
TiN surface coating for outstanding service lives and the best glide properties.
Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 34 120 07 6
13	6 31 34 130 07 6
14	6 31 34 140 07 6
15	6 31 34 150 07 6
16	6 31 34 160 07 6
17	6 31 34 170 07 6
18	6 31 34 180 07 6
19	6 31 34 190 07 6
20	6 31 34 200 07 6
21	6 31 34 210 07 6
22	6 31 34 220 07 6
23	6 31 34 230 07 6
24	6 31 34 240 07 6
25	6 31 34 250 07 6
26	6 31 34 260 07 6
27	6 31 34 270 07 6
28	6 31 34 280 07 6
29	6 31 34 290 07 6
30	6 31 34 300 07 6
31	6 31 34 310 07 6
32	6 31 34 320 07 6
33	6 31 34 330 07 6
34	6 31 34 340 07 6
35	6 31 34 350 07 6
36	6 31 34 360 07 6
37	6 31 34 370 07 6
38	6 31 34 380 07 6
39	6 31 34 390 07 6
40	6 31 34 400 07 6
41	6 31 34 410 07 6
42	6 31 34 420 07 6
43	6 31 34 430 07 6
44	6 31 34 440 07 6
45	6 31 34 450 07 6
46	6 31 34 460 07 6
47	6 31 34 470 07 6
48	6 31 34 480 07 6
49	6 31 34 490 07 6
50	6 31 34 500 07 6
51	6 31 34 510 07 6
52	6 31 34 520 07 6
53	6 31 34 530 07 6
54	6 31 34 540 07 6
55	6 31 34 550 07 6
56	6 31 34 560 07 6
57	6 31 34 570 07 6
58	6 31 34 580 07 6
59	6 31 34 590 07 6
60	6 31 34 600 07 6

CENTERING PINS

 **Centering pin**

L mm	Part number
80	3 02 17 359 00 0
82	6 31 34 998 30 0
100	3 02 17 358 00 0
125	3 02 17 333 00 3

ADAPTER/DRILL CHUCK



Adapter with 3/4" Weldon fitting
1/4" hexagonal output in accordance with DIN 3126/ISO 1173 – C 6.3

Part number
6 32 06 148 01 0



Adapter with 3/4" Weldon fitting
6 mm round shank output for M5-M8 in accordance with DIN 352/ISO 13

Ø mm	Square mm	Part number
6	4,9	6 32 06 146 01 0



Adapter with 3/4" Weldon fitting
7 mm round shank output for M10 in accordance with DIN 352/ISO 13

Ø mm	Square mm	Part number
7	5,5	6 32 06 147 01 0



Adapter with 3/4" Weldon fitting
9 mm round shank output for M12 in accordance with DIN 352/ISO 13

Ø mm	Square mm	Part number
9	7	6 32 06 149 01 0



HSS twist drill with 3/4" Weldon fitting
Cutting depth 35 mm

Bore Ø mm	Part number
5	6 31 11 036 01 0
6	6 31 11 018 01 0
6,8	6 31 11 034 01 0
7	6 31 11 019 01 0
8	6 31 11 020 01 0
8,5	6 31 11 035 01 0
9	6 31 11 021 01 0
10	6 31 11 022 01 0
10,2	6 31 11 037 01 0
11	6 31 11 023 01 0
12	6 31 11 024 01 0
13	6 31 11 025 01 0
14	6 31 11 026 01 0
15	6 31 11 027 01 0
16	6 31 11 028 01 0



HSS twist drill set with 3/4" Weldon fitting
Comprising 6 HSS twist drills (diameters of 6, 8, 10, 12, 14 and 16 mm) in a handy plastic storage box.
Cutting depth 35 mm

Part number
6 31 11 018 02 0

TAPPING



HSS 90° countersink bit
With 1/4" hexagon in accordance with DIN 3126/ISO 1173 – C 6.3

Ø mm	Part number
16,5	6 31 11 038 01 0



HSS 90° countersink bit with adapter with 3/4" Weldon fitting

Ø mm	Part number
16,5	6 31 11 038 02 0



Tapping drill for through holes
Short version in accordance with DIN 352/ISO 13.

Thread	L mm	Ø mm	Square mm	Part number
M 6	56	6	4,9	6 31 10 019 01 0
M 8	63	6	4,9	6 31 10 020 01 0
M 10	70	7	5,5	6 31 10 021 01 0
M 12	75	9	7	6 31 10 022 01 0



Tapping drill for through holes with adapter with 3/4" Weldon fitting
Short version in accordance with DIN 352/ISO 13.

Thread	Part number
M 6	6 31 10 019 03 0
M 8	6 31 10 020 03 0
M 10	6 31 10 021 03 0
M 12	6 31 10 022 03 0



Tapping drill set for through holes
Comprising 1 x M6 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 5 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter and 1 x hexagon socket wrench in a handy plastic storage box.

Thread	Part number
M 6	6 31 10 019 02 0



Tapping drill set for through holes
Comprising 1 x M8 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 6.8 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter and 1 x hexagon socket wrench in a handy plastic storage box.

Thread	Part number
M 8	6 31 10 020 02 0



Tapping drill set for through holes
Comprising 1 x M10 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 8.5 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter and 1 x hexagon socket wrench in a handy plastic storage box.

Thread	Part number
M 10	6 31 10 021 02 0



Tapping drill set for through holes
Comprising 1 x M12 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 10.2 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter and 1 x hexagon socket wrench in a handy plastic storage box.

Thread	Part number
M 12	6 31 10 022 02 0

CLAMPING FIXTURES



Vacuum plate
for anti-magnetic materials and structured bases (corrugated sheet, stud plate etc.)
Vacuum plate 396 x 200 x 95 mm

Part number
9 26 02 057 01 7



Vacuum pump
Suction rate 0,015 m³/min, -0,8 bar, 92 W, weight 2,5 kg including suction hose

Part number
9 26 01 022 01 3



Suction plate
for anti-magnetic materials, 250 x 330 x 110 mm

Part number
9 26 02 054 01 6



Pipe drilling device
incl. clamping strap, for positioning
bores on pipes with pipe Ø of 60
to 300 mm, 220 x 130 mm.

Part number

9 26 02 055 01 0

COOLING



Pump
Capacity approx. 450 ml.

Part number

3 21 32 022 00 7

Replacement hose
for hand pump 3 21 32 022 00 7.

Part number

3 14 14 054 00 8



Cutting spray
300 ml pump spray, for long tool
life, optimum cutting performance
and enhanced swarf flow.

Part number

3 21 32 031 00 0



Cutting paste
Lubricating agents for working on
sheet metals.

Part number

3 21 32 020 12 9

OTHER ACCESSORIES



Magbrush
Practical tool with high magnetic
force for quick and easy collection
of magnetic metal swarf.

Part number

6 42 01 005 01 0

UNIVERSAL



AKBU 35 PMQ

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.

AKBU 35 PMQW

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.

KBU 35 Q

Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working on the construction site.

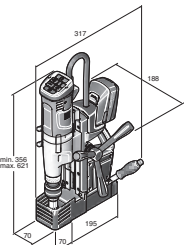
KBU 35 QW

Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working on the construction site.

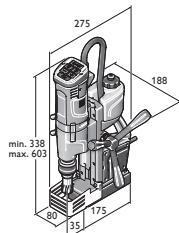
KBU 35-2 Q

Small and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and high speed for efficient twist drilling on the construction site.

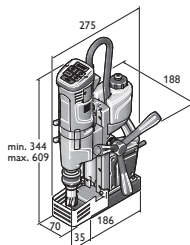
	Page	142	143	144	145	145
Application	Core drilling in metal with a Ø up to 35 mm	▲▲	▲▲	▲▲	▲▲	▲▲
	Core drilling in metal with a Ø up to 50 mm					
	Core drilling in metal with a Ø up to 65 mm					
	Core drilling in metal with a Ø up to 110 mm					
	Twist drills with drill chuck (DIN 338)	▲	▲	▲	▲	▲▲
	Twist drills with MK fitting (DIN 345)	▲▲	▲▲			
	Tapping	▲▲	▲▲	▲▲	▲▲	▲▲
	Countersinking	▲▲	▲▲	▲▲	▲▲	▲▲
	Reaming	▲▲	▲▲	▲▲	▲▲	▲▲
	Working one-handed	▲▲	▲▲	▲▲	▲▲	▲▲
	Working overhead	▲▲	▲▲	▲▲	▲▲	▲▲
Equipment	Installation work	▲▲	▲▲	▲▲	▲▲	▲▲
	Workshop jobs	▲▲	▲▲	▲▲	▲▲	▲▲
	Electronic magnetic holding force					
	Magnetic holding force display	●	●	●	●	●
	Reversible rotation	●	●	●	●	●
	Variable speed control	●	●	●	●	●
	Memory function	●	●	●	●	●
	Speed-controlled electronics (tacho)	●	●	●	●	●
	Torque slipping clutch					
	Tilt sensor	●	●	●	●	●
Technical data	Input	W			1 100	1 100
	Output	W			550	550
	Battery voltage	V	18	18		
	Battery capacity	Ah	5,2	5,2		
	Speed, full load	rpm	130 - 520	130 - 520	130 - 520	130 - 520
	Load speed in speed 1	rpm				130 - 520
	Load speed in speed 2	rpm				400 - 1 600
	Load speed in speed 3	rpm				
	Load speed in speed 4	rpm				
	Tool Holder		MK 2	MK 2		
	Carbide core drill bit max. Ø	mm	35	35	35	35
	HSS core drill max. Ø	mm	35	35	35	35
	Core drill holder		QuickIN	3/4" Weldon	QuickIN	3/4" Weldon
	Stroke	mm	135	135	135	135
	Total stroke range	mm	260	260	260	260
	Adjustment range for drill jigs	mm				
	Swivel range for drill jigs					
Magnetic holding power	N	9 000	9 000	10 000	10 000	
Magnetic foot dimensions	mm	195 x 70	195 x 70	175 x 80	175 x 80	
Weight according to EPTA	kg			10,60	10,60	
Weight without storage battery	kg	12,10	12,10			



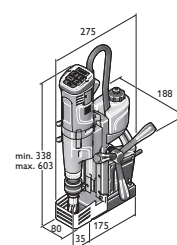
AKBU 35 PMQ AKBU 35 PMQW



KBU 35 Q KBU 35 QW



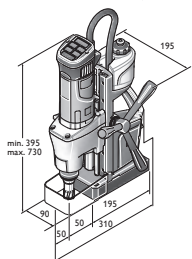
KBU 35-2 Q KBU 35-2 QW



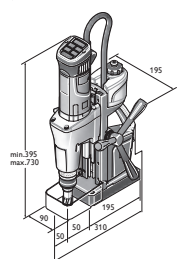
KBU 35 MQ KBU 35 MQW



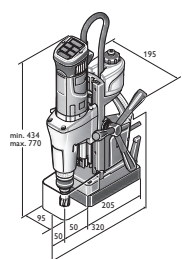
	KBU 35-2 QW	KBU 35 MQ	KBU 35 MQW	KBM 50 Q	KBM 50 U	KBM 65 U	KBU 110-4 M
	Small and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and high speed for efficient twist drilling on the construction site.	Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT2 tool mounting and maximum functionality for flexible working on the construction site.	Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT2 tool mounting and maximum functionality for flexible working on the construction site.	Lightweight and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working in the workshop and on the construction site.	Lightweight and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT3 tool mounting and maximum functionality for flexible working in the workshop and on the construction site.	Powerful and very high-performance 2-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT3 tool mounting, fine adjustment and maximum functionality for flexible working in the workshop.	High-performance and powerful 4-speed universal magnetic core drill with forward/reverse running, MT4 tool mounting and maximum functionality for the toughest drilling jobs in the workshop.
	146	146	147	147	148	148	149
	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
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	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
	1 100	1 100	1 100	1 200	1 200	1 300	1 700
	550	550	550	640	610	730	850
		260 - 520	260 - 520				
	130 - 520			130 - 260	130 - 260	120 - 240	60 / 120
	400 - 1 600			260 - 520	260 - 520	260 - 520	90 / 170
							150 / 300
							230 / 430
		MK 2	MK 2		MK 3	MK 3	MK 4
	35	35	35	50	50	65	110
	35	35	35	40	40	45	80
	3/4" Weldon	QuickIN	3/4" Weldon	QuickIN	QuickIN	QuickIN	Weldon 32
	135	135	135	145	145	145	280
	260	260	260	315	315	315	400
						6	
						7°	
	9 500	10 000	10 000	12 500	12 500	14 000	23 000
	186 x 70	175 x 80	175 x 80	195 x 90	195 x 90	205 x 95	240 x 120
	11,00	11,00	11,00	13,20	13,90	16,10	39,00



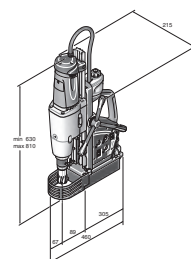
KBM 50 Q



KBM 50 U



KBM 65 U



KBU 110-4 M

▲▲ optimal suitability
▲ suitability
● included

Core drilling

UNIVERSAL MAGNETIC CORE DRILL



Universal use:

One tool for all your applications: core, spiral and tap drilling as well as countersinking and reaming. Forwards/reverse running, a large stroke range and speed control make this possible.



For very large drilling tools:

Even very large drilling tools can be used thanks to the double drill motor guide (can be adjusted in an infinitely variable manner without any tools).

AKBU 35 PMQ

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.



For accessories, see page 150

Supplied

- 2 x battery packs (HighPower Li-ion),
- 1 rapid charger ALG 50, 1 x coolant pump,
- 1 lashing strap, 1 swarf hook, 1 centering pin,
- 1 contact guard, 1 drift key, 1 case

Battery voltage	V	18
Battery capacity	Ah	5,2
Battery compatibility		Li-ion/ HighPower Li-ion**
Battery interface		18 V
Motor		brushless
Speed, full load	rpm	130 - 520
Tool Holder		MT 2
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	18
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	9 000
Magnetic foot dimensions	mm	195 x 70
Weight with battery	kg	12,80
Weight without storage battery	kg	12,10

Part number 7 170 01 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Small and light tool for continuously good work progress thanks to brushless FEIN PowerDrive motor with tacho electronics and FEIN HighPower storage battery with cells with high current capability.
- ▶ Flexibility for all mobile drilling work, such as core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ FEIN HighPower Li-ion battery. Continually high power output with 75 % higher current rating than a Li-ion battery for good work progress.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ Tilt sensor.
- ▶ Reversible.
- ▶ Electronic speed setting.
- ▶ Extra large stroke range.
- ▶ MT2 tool mounting.
- ▶ Extra narrow permanent magnet with magnetic bias.
- ▶ Speed saving “memory function”.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ * Also available with accessories.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.



**AKBU 35 PMQ
SELECT**

FEIN SELECT⁺



For accessories, see page 150

Supplied

1 x coolant pump, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 drift key, 1 case

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.

Battery voltage	V	18
Battery compatibility		Li-ion/HighPower Li-ion**
Battery interface		18 V
Motor		brushless
Speed, full load	rpm	130 - 520
Tool Holder		MT 2
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	18
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	9 000
Magnetic foot dimensions	mm	195 x 70
Weight without storage battery	kg	12,10

Part number 7 170 01 62

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Small and light tool for continuously good work progress thanks to brushless FEIN PowerDrive motor with tachometer electronics and FEIN HighPower storage battery with cells with high current capability.
- ▶ Flexibility for all mobile drilling work, such as core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ FEIN HighPower Li-ion battery. Continually high power output with 75 % higher current rating than a Li-ion battery for good work progress.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ Tilt sensor.
- ▶ Reversible.
- ▶ Electronic speed setting.
- ▶ Extra large stroke range.
- ▶ MT2 tool mounting.
- ▶ Extra narrow permanent magnet with magnetic bias.
- ▶ Speed saving "memory function".
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ * Also available with accessories.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

AKBU 35 PMQW



For accessories, see page 150

Supplied

2 x battery packs (HighPower Li-ion), 1 rapid charger ALG 50, 1 x coolant pump, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 drift key, 1 case

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.

Battery voltage	V	18
Battery capacity	Ah	5,2
Battery compatibility		Li-ion/HighPower Li-ion**
Battery interface		18 V
Motor		brushless
Speed, full load	rpm	130 - 520
Tool Holder		MT 2
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	18
Core drill holder		3/4" Weldon
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	9 000
Magnetic foot dimensions	mm	195 x 70
Weight with battery	kg	12,80
Weight without storage battery	kg	12,10

Part number 7 170 02 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Small and light tool for continuously good work progress thanks to brushless FEIN PowerDrive motor with tachometer electronics and FEIN HighPower storage battery with cells with high current capability.
- ▶ Flexibility for all mobile drilling work, such as core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ FEIN HighPower Li-ion battery. Continually high power output with 75 % higher current rating than a Li-ion battery for good work progress.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ Tilt sensor.
- ▶ Reversible.
- ▶ Electronic speed setting.
- ▶ Extra large stroke range.
- ▶ MT2 tool mounting.
- ▶ Extra narrow permanent magnet with magnetic bias.
- ▶ Speed saving "memory function".
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ * Also available with accessories.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

**AKBU 35 PMQW
SELECT**

FEIN SELECT⁺



For accessories, see page 150

Supplied

1 x coolant pump, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 drift key, 1 case

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.

Battery voltage	V	18
Battery compatibility		Li-ion/HighPower Li-ion**
Battery interface		18 V
Motor		brushless
Speed, full load	rpm	130 - 520
Tool Holder		MT 2
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	18
Core drill holder		3/4" Weldon
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	9 000
Magnetic foot dimensions	mm	195 x 70
Weight without storage battery	kg	12,10

Part number 7 170 02 62

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Small and light tool for continuously good work progress thanks to brushless FEIN PowerDrive motor with tachometer electronics and FEIN HighPower storage battery with cells with high current capability.
- ▶ Flexibility for all mobile drilling work, such as core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ FEIN HighPower Li-ion battery. Continually high power output with 75 % higher current rating than a Li-ion battery for good work progress.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ Tilt sensor.
- ▶ Reversible.
- ▶ Electronic speed setting.
- ▶ Extra large stroke range.
- ▶ MT2 tool mounting.
- ▶ Extra narrow permanent magnet with magnetic bias.
- ▶ Speed saving "memory function".
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ * Also available with accessories.
- ▶ ** Maximum performance with FEIN HighPower Li-ion battery.

KBU 35 Q



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 case

Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working on the construction site.

Input	W	1 100
Output	W	550
Speed, full load	rpm	130 - 520
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	16
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	10 000
Magnetic foot dimensions	mm	175 x 80
Cable with plug	m	4
Weight according to EPTA	kg	10,60

Part number 7 270 53 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1100 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 260 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Small and lightweight.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Tilt sensor.
- ▶ Additional magnetic switch in the drill jig.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".



KBU 35 QW



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook,
1 centering pin, 1 contact guard, 1 case

Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working on the construction site.

Input	W	1 100
Output	W	550
Speed, full load	rpm	130 - 520
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	16
Core drill holder		3/4" Weldon
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	10 000
Magnetic foot dimensions	mm	175 x 80
Cable with plug	m	4
Weight according to EPTA	kg	10,60

Part number 7 270 54 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1100 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 260 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Small and lightweight.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Tilt sensor.
- ▶ Additional magnetic switch in the drill jig.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".

KBU 35-2 Q



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook,
1 centering pin, 1 contact guard, 1 case

Small and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and high speed for efficient twist drilling on the construction site.

Input	W	1 100
Output	W	550
Load speed in speed 1	rpm	130 - 520
Load speed in speed 2	rpm	400 - 1 600
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	16
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	9 500
Magnetic foot dimensions	mm	186 x 70
Cable with plug	m	4
Weight according to EPTA	kg	11,00

Part number 7 270 57 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1100 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 260 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Small with mechanical 2-speed gearbox for twist drilling.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force thanks to 3-coil magnet, just 70 mm wide.
- ▶ Tilt sensor.
- ▶ Additional magnetic switch in the drill jig.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".

KBU 35-2 QW



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 case

Small and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and high speed for efficient twist drilling on the construction site.

Input	W	1 100
Output	W	550
Load speed in speed 1	rpm	130 - 520
Load speed in speed 2	rpm	400 - 1 600
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	16
Core drill holder		3/4" Weldon
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	9 500
Magnetic foot dimensions	mm	186 x 70
Cable with plug	m	4
Weight according to EPTA	kg	11,00

Part number 7 270 58 61

BENEFITS OF USE

- ▶ Extremely resilient construction thanks to sturdy machine design with swivel-mounted motor cable protection hose. Designed for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1100 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 260 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Small with mechanical 2-speed gearbox for twist drilling.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Tilt sensor.
- ▶ Additional magnetic switch in the drill jig.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".

KBU 35 MQ



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 drift key, 1 case

Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT2 tool mounting and maximum functionality for flexible working on the construction site.

Input	W	1 100
Output	W	550
Speed, full load	rpm	260 - 520
Tool Holder		MT 2
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	18
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	10 000
Magnetic foot dimensions	mm	175 x 80
Cable with plug	m	4
Weight according to EPTA	kg	11,00

Part number 7 270 55 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1100 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 260 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Small with MT2 tool mounting.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Tilt sensor.
- ▶ Additional magnetic switch in the drill jig.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".
- ▶ * Also available with accessories.



KBU 35 MQW



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook,
1 centering pin, 1 contact guard, 1 case

Small and powerful single-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT2 tool mounting and maximum functionality for flexible working on the construction site.

Input	W	1 100
Output	W	550
Speed, full load	rpm	260 - 520
Tool Holder		MT 2
Carbide core drill bit max. Ø	mm	35
HSS core drill max. Ø	mm	35
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18
Tapping		M 14
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	18
Core drill holder		3/4" Weldon
Changing the core bit		tool-free
Stroke	mm	135
Total stroke range	mm	260
Magnetic holding power	N	10 000
Magnetic foot dimensions	mm	175 x 80
Cable with plug	m	4
Weight according to EPTA	kg	11,00

Part number 7 270 56 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1100 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 260 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Small with MT2 tool mounting.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Tilt sensor.
- ▶ Additional magnetic switch in the drill jig.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".
- ▶ * Also available with accessories.

KBM 50 Q



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook,
1 centering pin, 1 contact guard, 1 case

Lightweight and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working in the workshop and on the construction site.

Input	W	1 200
Output	W	640
Load speed in speed 1	rpm	130 - 260
Load speed in speed 2	rpm	260 - 520
Carbide core drill bit max. Ø	mm	50
HSS core drill max. Ø	mm	40
Core drill, drilling depth max.	mm	50
Twist drill max. Ø	mm	16
Tapping		M 16
Countersinking max. Ø	mm	31
Reaming max. Ø	mm	16
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	145
Total stroke range	mm	315
Magnetic holding power	N	12 500
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	4
Weight according to EPTA	kg	13,20

Part number 7 270 41 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1,200 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".

KBM 50 U



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 drift key, 1 case

Lightweight and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT3 tool mounting and maximum functionality for flexible working in the workshop and on the construction site.

Input	W	1 200
Output	W	610
Load speed in speed 1	rpm	130 - 260
Load speed in speed 2	rpm	260 - 520
Tool Holder		MK 3
Carbide core drill bit max. Ø	mm	50
HSS core drill max. Ø	mm	40
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	23
Tapping		M 16
Countersinking max. Ø	mm	50
Reaming max. Ø	mm	23
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	145
Total stroke range	mm	315
Magnetic holding power	N	12 500
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	4
Weight according to EPTA	kg	13,90

Part number 7 270 40 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1,200 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ MT3 tool mounting.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".
- ▶ * Also available with accessories.

KBM 65 U



For accessories, see page 150

Supplied

1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 contact guard, 1 drift key, 1 case

Powerful and very high-performance 2-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT3 tool mounting, fine adjustment and maximum functionality for flexible working in the workshop.

Input	W	1 300
Output	W	730
Load speed in speed 1	rpm	120 - 240
Load speed in speed 2	rpm	260 - 520
Tool Holder		MK 3
Carbide core drill bit max. Ø	mm	65
HSS core drill max. Ø	mm	45
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	25/
Tapping		M 20
Countersinking max. Ø	mm	50
Reaming max. Ø	mm	25
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	145
Total stroke range	mm	315
Adjustment range for drill jigs	mm	6
Swivel range for drill jigs		7°
Magnetic holding power	N	14 000
Magnetic foot dimensions	mm	205 x 95
Cable with plug	m	4
Weight according to EPTA	kg	16,10

Part number 7 270 43 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1,300 W high-power motor with tachometer electronics for high speed stability for reliable and economical working.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Fine adjustment of the drill spindle for convenient tool alignment.
- ▶ MT3 tool mounting.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Convenient magnetic holding force display.
- ▶ High magnetic holding force.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Speed saving "memory function".
- ▶ * Also available with accessories.

KBU 110-4 M



For accessories, see page 150

Supplied

1 coolant tank, 1 safety strap with ratchet, 1 swarf hook, 2 centring pins, diameter of 6.35 x 125 mm and diameter of 7.98 x 184 mm, 1 contact guard, 1 drift key, 2 x 5 and 6 mm hexagon socket wrench, 1 additional handle, 1 case

High-performance and powerful 4-speed universal magnetic core drill with forward/reverse running, MT4 tool mounting and maximum functionality for the toughest drilling jobs in the workshop.

Input	W	1 700
Output	W	850
Load speed in speed 1	rpm	60 / 120
Load speed in speed 2	rpm	90 / 170
Load speed in speed 3	rpm	150 / 300
Load speed in speed 4	rpm	230 / 430
Idling speed in speed 1	rpm	100 / 190
Idling speed in speed 2	rpm	160 / 290
Idling speed in speed 3	rpm	270 / 500
Idling speed in speed 4	rpm	420 / 750
Tool Holder		MK 4
Carbide core drill bit max. Ø	mm	110
HSS core drill max. Ø	mm	80
Core drill, drilling depth max.	mm	100
Twist drill max. Ø	mm	40
Tapping		M 36
Countersinking max. Ø	mm	60
Reaming max. Ø	mm	36
Core drill holder		Weldon 32
Stroke	mm	280
Total stroke range	mm	400
Magnetic holding power	N	23 000
Magnetic foot dimensions	mm	240 x 120
Cable with plug	m	4
Weight according to EPTA	kg	39,00

Part number	7 270 60 61
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BENEFITS OF USE

- ▶ FEIN 1700 W high-power motor with high torque for heavy-duty drilling work.
- ▶ For tough use thanks to outstanding quality of workmanship and swivel-mounted motor cable protective hose.
- ▶ Tool with extra large stroke range for all drilling work, such as core, twist and tap drilling, countersinking and reaming.

PRODUCT FEATURES

- ▶ Mechanical 4-speed gearbox.
- ▶ High magnetic holding force.
- ▶ Torque support for high stability.
- ▶ Tilt sensor.
- ▶ Convenient magnetic holding force display.
- ▶ Speed reduction.
- ▶ Reversible.
- ▶ MT4 tool mounting.
- ▶ Integrated coolant tank.
- ▶ ** Torque slipping clutch.

BEST OF CORE DRILLING CARBIDE ACCESSORY SET



Best of core bits QuickIN
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 35 mm.
Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 35 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 27 086 04 0



Best of core bits 3/4" Weldon
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 35 mm.
Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 35 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 27 714 02 0



Best of core bits 3/4" Weldon
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 50 mm.
Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 50 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 27 276 02 0

CARBIDE CORE DRILL



TCT Ultra core bit with QuickIN holder
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 35 mm.

Bore Ø mm	Part number
12	6 31 27 086 01 9
13	6 31 27 087 01 3
14	6 31 27 088 01 1
15	6 31 27 089 01 5
15,5	6 31 27 238 01 1
16	6 31 27 090 01 7
17	6 31 27 091 01 6
17,5	6 31 27 239 01 5
18	6 31 27 092 01 9
19	6 31 27 093 01 3
19,5	6 31 27 240 01 7
20	6 31 27 094 01 1
21	6 31 27 095 01 5
22	6 31 27 096 01 8
23	6 31 27 097 01 2
24	6 31 27 098 01 0
25	6 31 27 099 01 4
26	6 31 27 100 01 5
26,5	6 31 27 241 01 6
27	6 31 27 101 01 4
28	6 31 27 102 01 7

Bore Ø mm	Part number
29	6 31 27 103 01 1
30	6 31 27 104 01 9
31	6 31 27 105 01 3
32	6 31 27 106 01 6
33	6 31 27 107 01 0
34	6 31 27 108 01 8
35	6 31 27 109 01 2
36	6 31 27 110 01 4
37	6 31 27 111 01 3
38	6 31 27 112 01 6
39	6 31 27 113 01 0
40	6 31 27 114 01 8
41	6 31 27 115 01 2
42	6 31 27 116 01 5
43	6 31 27 117 01 9
44	6 31 27 118 01 7
45	6 31 27 119 01 1
46	6 31 27 120 01 3
47	6 31 27 121 01 2
48	6 31 27 122 01 5
49	6 31 27 123 01 9
50	6 31 27 124 01 7
51	6 31 27 125 01 1
52	6 31 27 126 01 4
53	6 31 27 127 01 8
54	6 31 27 128 01 6
55	6 31 27 129 01 0
56	6 31 27 130 01 2
57	6 31 27 131 01 1
58	6 31 27 132 01 4
59	6 31 27 133 01 8
60	6 31 27 134 01 6
61	6 31 27 135 01 0
62	6 31 27 136 01 3
63	6 31 27 137 01 7
64	6 31 27 138 01 5
65	6 31 27 139 01 9



TCT Ultra core bit with QuickIN holder
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 75 mm.

Bore Ø mm	Part number
18	6 31 27 763 01 0
19	6 31 27 764 01 0
20	6 31 27 765 01 0
21	6 31 27 766 01 0
22	6 31 27 767 01 0
23	6 31 27 768 01 0
24	6 31 27 769 01 0
25	6 31 27 770 01 0
26	6 31 27 771 01 0
27	6 31 27 772 01 0
28	6 31 27 773 01 0
29	6 31 27 774 01 0
30	6 31 27 775 01 0
32	6 31 27 776 01 0
35	6 31 27 777 01 0
36	6 31 27 778 01 0
40	6 31 27 779 01 0
45	6 31 27 780 01 0
50	6 31 27 781 01 0
55	6 31 27 782 01 0
60	6 31 27 783 01 0
65	6 31 27 784 01 0



TCT Ultra 50 core bit with FEIN thread M 18 x 6 P 1.5
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 27 042 01 4
13	6 31 27 043 01 8
14	6 31 27 044 01 6
15	6 31 27 045 01 0
16	6 31 27 046 01 3
17	6 31 27 047 01 7
18	6 31 27 001 01 5
19	6 31 27 019 01 2
20	6 31 27 002 01 8
21	6 31 27 020 01 4
22	6 31 27 003 01 2
23	6 31 27 021 01 3
24	6 31 27 022 01 6
25	6 31 27 004 01 0
26	6 31 27 005 01 4
27	6 31 27 023 01 0
28	6 31 27 006 01 7
29	6 31 27 024 01 8
30	6 31 27 007 01 1
31	6 31 27 025 01 2
32	6 31 27 008 01 9
33	6 31 27 026 01 5
34	6 31 27 009 01 3
35	6 31 27 010 01 5
36	6 31 27 027 01 9
37	6 31 27 028 01 7
38	6 31 27 011 01 4
39	6 31 27 029 01 1
40	6 31 27 012 01 7
41	6 31 27 030 01 3
42	6 31 27 013 01 1
43	6 31 27 014 01 9
44	6 31 27 031 01 2
45	6 31 27 015 01 3
46	6 31 27 032 01 5
47	6 31 27 033 01 9
48	6 31 27 016 01 6
49	6 31 27 034 01 7
50	6 31 27 017 01 0
51	6 31 27 035 01 1
52	6 31 27 018 01 8
53	6 31 27 036 01 4
54	6 31 27 037 01 8
55	6 31 27 038 01 6
56	6 31 27 039 01 0
57	6 31 27 040 01 2
58	6 31 27 041 01 1
59	6 31 27 049 01 9
60	6 31 27 050 01 1
61	6 31 27 051 01 0
62	6 31 27 052 01 3
63	6 31 27 053 01 7
64	6 31 27 054 01 5
65	6 31 27 055 01 9



TCT Ultra 35 core bit with 3/4" Weldon holder
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 35 mm.

Bore Ø mm	Part number
12	6 31 27 714 01 0
13	6 31 27 715 01 0
14	6 31 27 716 01 0
15	6 31 27 717 01 0
16	6 31 27 718 01 0
17	6 31 27 719 01 0
18	6 31 27 720 01 0
19	6 31 27 721 01 0
20	6 31 27 722 01 0
21	6 31 27 723 01 0
22	6 31 27 724 01 0
23	6 31 27 725 01 0
24	6 31 27 726 01 0
25	6 31 27 727 01 0
26	6 31 27 728 01 0
27	6 31 27 729 01 0
28	6 31 27 730 01 0
29	6 31 27 731 01 0
30	6 31 27 732 01 0
31	6 31 27 733 01 0
32	6 31 27 734 01 0
33	6 31 27 735 01 0
34	6 31 27 736 01 0
35	6 31 27 737 01 0
36	6 31 27 738 01 0
37	6 31 27 739 01 0
38	6 31 27 740 01 0
39	6 31 27 741 01 0
40	6 31 27 742 01 0
41	6 31 27 743 01 0
42	6 31 27 744 01 0
43	6 31 27 745 01 0
44	6 31 27 746 01 0
45	6 31 27 747 01 0
46	6 31 27 748 01 0
47	6 31 27 749 01 0
48	6 31 27 750 01 0
49	6 31 27 751 01 0
50	6 31 27 752 01 0
51	6 31 27 753 01 0
52	6 31 27 754 01 0
53	6 31 27 755 01 0
54	6 31 27 756 01 0
55	6 31 27 757 01 0
56	6 31 27 758 01 0
57	6 31 27 759 01 0
58	6 31 27 760 01 0
59	6 31 27 761 01 0
60	6 31 27 762 01 0



TCT Ultra 50 core bit with 3/4" Weldon holder
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 27 276 01 0
13	6 31 27 277 01 0
14	6 31 27 278 01 0
15	6 31 27 279 01 0
16	6 31 27 280 01 0
17	6 31 27 281 01 0
18	6 31 27 282 01 0
19	6 31 27 283 01 0
20	6 31 27 284 01 0
21	6 31 27 285 01 0
22	6 31 27 286 01 0
23	6 31 27 287 01 0
24	6 31 27 288 01 0
25	6 31 27 289 01 0
26	6 31 27 290 01 0
27	6 31 27 291 01 0
28	6 31 27 292 01 0
29	6 31 27 293 01 0
30	6 31 27 294 01 0
31	6 31 27 295 01 0
32	6 31 27 296 01 0
33	6 31 27 297 01 0
34	6 31 27 298 01 0
35	6 31 27 299 01 0
36	6 31 27 300 01 0
37	6 31 27 301 01 0
38	6 31 27 302 01 0
39	6 31 27 303 01 0
40	6 31 27 304 01 0
41	6 31 27 305 01 0
42	6 31 27 306 01 0
43	6 31 27 307 01 0
44	6 31 27 308 01 0
45	6 31 27 309 01 0
46	6 31 27 310 01 0
47	6 31 27 311 01 0
48	6 31 27 312 01 0
49	6 31 27 313 01 0
50	6 31 27 314 01 0
51	6 31 27 315 01 0
52	6 31 27 316 01 0
53	6 31 27 317 01 0
54	6 31 27 318 01 0
55	6 31 27 319 01 0
56	6 31 27 320 01 0
57	6 31 27 321 01 0
58	6 31 27 322 01 0
59	6 31 27 323 01 0
60	6 31 27 324 01 0
61	6 31 27 325 01 0
62	6 31 27 326 01 0
63	6 31 27 327 01 0
64	6 31 27 328 01 0
65	6 31 27 329 01 0



TCT Ultra 75 core bit with 3/4" Weldon holder
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 75 mm.

Bore Ø mm	Part number
18	6 31 27 785 01 0
19	6 31 27 786 01 0
20	6 31 27 787 01 0
21	6 31 27 788 01 0
22	6 31 27 789 01 0
23	6 31 27 790 01 0
24	6 31 27 791 01 0
25	6 31 27 792 01 0
26	6 31 27 793 01 0
27	6 31 27 794 01 0
28	6 31 27 795 01 0
29	6 31 27 796 01 0
30	6 31 27 797 01 0
32	6 31 27 798 01 0
35	6 31 27 799 01 0
36	6 31 27 800 01 0
40	6 31 27 801 01 0
45	6 31 27 802 01 0
50	6 31 27 803 01 0
55	6 31 27 804 01 0
60	6 31 27 805 01 0
65	6 31 27 806 01 0



HM Ultra 50 core drill bit with QuickIN MAX/Weldon 32 fitting
Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
50	6 31 27 330 01 0
51	6 31 27 331 01 0
52	6 31 27 332 01 0
53	6 31 27 333 01 0
54	6 31 27 334 01 0
55	6 31 27 335 01 0
56	6 31 27 336 01 0
57	6 31 27 337 01 0
58	6 31 27 338 01 0
59	6 31 27 339 01 0
60	6 31 27 340 01 0
61	6 31 27 341 01 0
62	6 31 27 342 01 0
63	6 31 27 343 01 0
64	6 31 27 344 01 0
65	6 31 27 345 01 0
66	6 31 27 346 01 0
67	6 31 27 347 01 0
68	6 31 27 348 01 0
69	6 31 27 349 01 0
70	6 31 27 350 01 0
71	6 31 27 351 01 0
72	6 31 27 352 01 0
73	6 31 27 353 01 0
74	6 31 27 354 01 0
75	6 31 27 355 01 0
76	6 31 27 456 01 0
77	6 31 27 457 01 0
78	6 31 27 458 01 0
79	6 31 27 459 01 0
80	6 31 27 460 01 0
85	6 31 27 807 01 0

Bore Ø mm	Part number
90	6 31 27 808 01 0
95	6 31 27 809 01 0
100	6 31 27 810 01 0
105	6 31 27 822 01 0
110	6 31 27 823 01 0



HM Ultra 100 core drill bit with Weldon 32 fitting

Very long service life and outstanding cutting performance. Metric dimensions, cutting depth 100 mm. Internal hole 8 mm.

Bore Ø mm	Part number
50	6 31 27 811 01 0
55	6 31 27 812 01 0
60	6 31 27 813 01 0
65	6 31 27 814 01 0
70	6 31 27 815 01 0
75	6 31 27 816 01 0
80	6 31 27 817 01 0
85	6 31 27 818 01 0
90	6 31 27 819 01 0
95	6 31 27 820 01 0
100	6 31 27 821 01 0
105	6 31 27 824 01 0
110	6 31 27 825 01 0

BEST OF CORE DRILLING HSS ACCESSORY SET



Best of core bits QuickIN

Industrial standard. Metric dimensions, cutting depth 50 mm. Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 50 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 33 999 01 0



Best of core bits 3/4" Weldon

Industrial standard. Metric dimensions, cutting depth 25 mm. Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 25 mm) and 2 centring pins (80 mm) in plastic case.

Part number
6 31 34 999 06 1



Best of core bits 3/4" Weldon

Industrial standard. Metric dimensions, cutting depth 25 mm. Set version, consisting of 4 core bits, 2x 14 mm diameter, 2x 18 mm diameter, (cutting depth 25 mm) and 1 centring pin (80 mm) in plastic case.

Part number
6 31 34 999 06 2



Best of core bits 3/4" Weldon

Industrial standard. Metric dimensions, cutting depth 50 mm. Set version, consisting of 6 core bits with diameters of 12, 14, 16, 18, 20 and 22 mm (cutting depth 50 mm) and 2 centring pins (105 mm) in plastic case.

Part number
6 31 34 999 06 3



Best of core bits 3/4" Weldon

Industrial standard. Metric dimensions, cutting depth 50 mm. Set version, consisting of 4 core bits, 2x 14 mm diameter, 2x 18 mm diameter, (cutting depth 50 mm) and 1 centring pin (105 mm) in plastic case.

Part number
6 31 34 999 06 4

HSS CORE DRILL



HSS Nova 25 core bit with QuickIN holder

Industrial standard. Metric dimensions, cutting depth 25 mm.

Bore Ø mm	Part number
12	6 31 33 119 05 1
13	6 31 33 129 05 1
14	6 31 33 140 05 1
15	6 31 33 150 05 1
16	6 31 33 159 05 1
17	6 31 33 170 05 1
18	6 31 33 180 05 1
19	6 31 33 189 05 1
20	6 31 33 199 06 3
21	6 31 33 210 05 1
22	6 31 33 219 05 1
23	6 31 33 229 05 1
24	6 31 33 240 05 1
25	6 31 33 250 05 1
26	6 31 33 259 05 1
27	6 31 33 270 05 1
28	6 31 33 279 05 1
29	6 31 33 289 05 1
30	6 31 33 299 05 1
31	6 31 33 309 05 1
32	6 31 33 319 05 1
33	6 31 33 329 05 1
34	6 31 33 339 05 1
35	6 31 33 350 05 1
36	6 31 33 359 05 1
37	6 31 33 369 05 1
38	6 31 33 379 05 1
39	6 31 33 389 05 1
40	6 31 33 399 05 1
41	6 31 33 409 05 1
42	6 31 33 420 05 1
43	6 31 33 429 05 1
44	6 31 33 439 05 1
45	6 31 33 449 05 1
46	6 31 33 459 05 1
47	6 31 33 469 05 1
48	6 31 33 479 05 1
49	6 31 33 489 05 1
50	6 31 33 499 05 1



HSS Nova 50 core bit with QuickIN holder

Industrial standard. Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 33 119 05 2
13	6 31 33 129 05 2
14	6 31 33 140 05 2
15	6 31 33 150 05 2
16	6 31 33 159 05 2
17	6 31 33 170 05 2
18	6 31 33 180 05 2
19	6 31 33 189 05 2
20	6 31 33 199 05 2
21	6 31 33 210 05 2
22	6 31 33 219 05 2
23	6 31 33 229 05 2
24	6 31 33 240 05 2
25	6 31 33 250 05 2
26	6 31 33 259 05 2
27	6 31 33 270 05 2
28	6 31 33 279 05 2
29	6 31 33 289 05 2
30	6 31 33 299 05 2
31	6 31 33 309 05 2
32	6 31 33 319 05 2
33	6 31 33 329 05 2
34	6 31 33 339 05 2
35	6 31 33 350 05 2
36	6 31 33 359 05 2
37	6 31 33 369 05 2
38	6 31 33 379 05 2
39	6 31 33 389 05 2
40	6 31 33 399 05 2
41	6 31 33 409 05 2
42	6 31 33 420 05 2
43	6 31 33 429 05 2
44	6 31 33 439 05 2
45	6 31 33 449 05 2
46	6 31 33 459 05 2
47	6 31 33 469 05 2
48	6 31 33 479 05 2
49	6 31 33 489 05 2
50	6 31 33 499 05 2



HSS Nova 25 core bit with 3/4" Weldon holder

Industrial standard. Metric dimensions, cutting depth 25 mm.

Bore Ø mm	Part number
12	6 31 34 120 05 1
13	6 31 34 130 05 1
14	6 31 34 140 05 1
15	6 31 34 150 05 1
16	6 31 34 160 05 1
17	6 31 34 170 05 1
18	6 31 34 180 05 1
19	6 31 34 190 05 1
20	6 31 34 200 05 1
21	6 31 34 210 05 1
22	6 31 34 220 05 1
23	6 31 34 230 05 1
24	6 31 34 240 05 1
25	6 31 34 250 05 1
26	6 31 34 260 05 1
27	6 31 34 270 05 1
28	6 31 34 280 05 1
29	6 31 34 290 05 1



Bore Ø mm	Part number
30	6 31 34 300 05 1
31	6 31 34 310 05 1
32	6 31 34 320 05 1
33	6 31 34 330 05 1
34	6 31 34 340 05 1
35	6 31 34 350 05 1
36	6 31 34 360 05 1
37	6 31 34 370 05 1
38	6 31 34 380 05 1
39	6 31 34 390 05 1
40	6 31 34 400 05 1
41	6 31 34 410 05 1
42	6 31 34 420 05 1
43	6 31 34 430 05 1
44	6 31 34 440 05 1
45	6 31 34 450 05 1
46	6 31 34 460 05 1
47	6 31 34 470 05 1
48	6 31 34 480 05 1
49	6 31 34 490 05 1
50	6 31 34 500 05 1
51	6 31 34 510 05 1
52	6 31 34 520 05 1
53	6 31 34 530 05 1
54	6 31 34 540 05 1
55	6 31 34 550 05 1
56	6 31 34 560 05 1
57	6 31 34 570 05 1
58	6 31 34 580 05 1
59	6 31 34 590 05 1
60	6 31 34 600 05 1



HSS Nova 50 core bit with 3/4\" Weldon holder
Industrial standard. Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 34 120 05 2
13	6 31 34 130 05 2
14	6 31 34 140 05 2
15	6 31 34 150 05 2
16	6 31 34 160 05 2
17	6 31 34 170 05 2
18	6 31 34 180 05 2
19	6 31 34 190 05 2
20	6 31 34 200 05 2
21	6 31 34 210 05 2
22	6 31 34 220 05 2
23	6 31 34 230 05 2
24	6 31 34 240 05 2
25	6 31 34 250 05 2
26	6 31 34 260 05 2
27	6 31 34 270 05 2
28	6 31 34 280 05 2
29	6 31 34 290 05 2
30	6 31 34 300 05 2
31	6 31 34 310 05 2
32	6 31 34 320 05 2
33	6 31 34 330 05 2
34	6 31 34 340 05 2
35	6 31 34 350 05 2
36	6 31 34 360 05 2
37	6 31 34 370 05 2
38	6 31 34 380 05 2
39	6 31 34 390 05 2
40	6 31 34 400 05 2
41	6 31 34 410 05 2
42	6 31 34 420 05 2
43	6 31 34 430 05 2

Bore Ø mm	Part number
44	6 31 34 440 05 2
45	6 31 34 450 05 2
46	6 31 34 460 05 2
47	6 31 34 470 05 2
48	6 31 34 480 05 2
49	6 31 34 490 05 2
50	6 31 34 500 05 2
51	6 31 34 510 05 2
52	6 31 34 520 05 2
53	6 31 34 530 05 2
54	6 31 34 540 05 2
55	6 31 34 550 05 2
56	6 31 34 560 05 2
57	6 31 34 570 05 2
58	6 31 34 580 05 2
59	6 31 34 590 05 2
60	6 31 34 600 05 2



HSS Nova 75 core bit with 3/4\" Weldon holder
Industrial standard. Metric dimensions, cutting depth 75 mm.

Bore Ø mm	Part number
19	6 31 34 190 05 3
20	6 31 34 200 05 3
21	6 31 34 210 05 3
22	6 31 34 220 05 3
23	6 31 34 230 05 3
24	6 31 34 240 05 3
25	6 31 34 250 05 3
26	6 31 34 260 05 3
27	6 31 34 270 05 3
28	6 31 34 280 05 3
29	6 31 34 290 05 3
30	6 31 34 300 05 3
32	6 31 34 320 05 3
35	6 31 34 350 05 3
36	6 31 34 360 05 3
40	6 31 34 400 05 3
45	6 31 34 450 05 3
50	6 31 34 500 05 3
60	6 31 34 600 05 3



HSS DURA 25 core bit with QuickIN holder
TiN surface coating for outstanding service lives and the best glide properties.
Metric dimensions, cutting depth 25 mm.

Bore Ø mm	Part number
12	6 31 33 120 06 7
13	6 31 33 130 06 7
14	6 31 33 140 06 7
15	6 31 33 150 06 7
16	6 31 33 160 06 7
17	6 31 33 170 06 7
18	6 31 33 180 06 7
19	6 31 33 190 06 7
20	6 31 33 200 06 7
21	6 31 33 210 06 7
22	6 31 33 220 06 7
23	6 31 33 230 06 7
24	6 31 33 240 06 7
25	6 31 33 250 06 7
26	6 31 33 260 06 7
27	6 31 33 270 06 7
28	6 31 33 280 06 7
29	6 31 33 290 06 7

Bore Ø mm	Part number
30	6 31 33 300 06 7
31	6 31 33 310 06 7
32	6 31 33 320 06 7
33	6 31 33 330 06 7
34	6 31 33 340 06 7
35	6 31 33 350 06 7
36	6 31 33 360 06 7
37	6 31 33 370 06 7
38	6 31 33 380 06 7
39	6 31 33 390 06 7
40	6 31 33 400 06 7
41	6 31 33 410 06 7
42	6 31 33 420 06 7
43	6 31 33 430 06 7
44	6 31 33 440 06 7
45	6 31 33 450 06 7
46	6 31 33 460 06 7
47	6 31 33 470 06 7
48	6 31 33 480 06 7
49	6 31 33 490 06 7
50	6 31 33 500 06 7



HSS DURA 50 core bit with QuickIN holder
TiN surface coating for outstanding service lives and the best glide properties.
Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 33 120 06 8
13	6 31 33 130 06 8
14	6 31 33 140 06 8
15	6 31 33 150 06 8
16	6 31 33 160 06 8
17	6 31 33 170 06 8
18	6 31 33 180 06 8
19	6 31 33 190 06 8
20	6 31 33 200 06 8
21	6 31 33 210 06 8
22	6 31 33 220 06 8
23	6 31 33 230 06 8
24	6 31 33 240 06 8
25	6 31 33 250 06 8
26	6 31 33 260 06 8
27	6 31 33 270 06 8
28	6 31 33 280 06 8
29	6 31 33 290 06 8
30	6 31 33 300 06 8
31	6 31 33 310 06 8
32	6 31 33 320 06 8
33	6 31 33 330 06 8
34	6 31 33 340 06 8
35	6 31 33 350 06 8
36	6 31 33 360 06 8
37	6 31 33 370 06 8
38	6 31 33 380 06 8
39	6 31 33 390 06 8
40	6 31 33 400 06 8
41	6 31 33 410 06 8
42	6 31 33 420 06 8
43	6 31 33 430 06 8
44	6 31 33 440 06 8
45	6 31 33 450 06 8
46	6 31 33 460 06 8
47	6 31 33 470 06 8
48	6 31 33 480 06 8
49	6 31 33 490 06 8
50	6 31 33 500 06 8



HSS DURA 25 core bit with 3/4" Weldon holder
TiN surface coating for outstanding service lives and the best glide properties.
Metric dimensions, cutting depth 25 mm.

Bore Ø mm	Part number
12	6 31 34 120 07 5
13	6 31 34 130 07 5
14	6 31 34 140 07 5
15	6 31 34 150 07 5
16	6 31 34 160 07 5
17	6 31 34 170 07 5
18	6 31 34 180 07 5
19	6 31 34 190 07 5
20	6 31 34 200 07 5
21	6 31 34 210 07 5
22	6 31 34 220 07 5
23	6 31 34 230 07 5
24	6 31 34 240 07 5
25	6 31 34 250 07 5
26	6 31 34 260 07 5
27	6 31 34 270 07 5
28	6 31 34 280 07 5
29	6 31 34 290 07 5
30	6 31 34 300 07 5
31	6 31 34 310 07 5
32	6 31 34 320 07 5
33	6 31 34 330 07 5
34	6 31 34 340 07 5
35	6 31 34 350 07 5
36	6 31 34 360 07 5
37	6 31 34 370 07 5
38	6 31 34 380 07 5
39	6 31 34 390 07 5
40	6 31 34 400 07 5
41	6 31 34 410 07 5
42	6 31 34 420 07 5
43	6 31 34 430 07 5
44	6 31 34 440 07 5
45	6 31 34 450 07 5
46	6 31 34 460 07 5
47	6 31 34 470 07 5
48	6 31 34 480 07 5
49	6 31 34 490 07 5
50	6 31 34 500 07 5
51	6 31 34 510 07 5
52	6 31 34 520 07 5
53	6 31 34 530 07 5
54	6 31 34 540 07 5
55	6 31 34 550 07 5
56	6 31 34 560 07 5
57	6 31 34 570 07 5
58	6 31 34 580 07 5
59	6 31 34 590 07 5
60	6 31 34 600 07 5



HSS DURA 50 core bit with 3/4" Weldon holder
TiN surface coating for outstanding service lives and the best glide properties.
Metric dimensions, cutting depth 50 mm.

Bore Ø mm	Part number
12	6 31 34 120 07 6
13	6 31 34 130 07 6
14	6 31 34 140 07 6
15	6 31 34 150 07 6
16	6 31 34 160 07 6
17	6 31 34 170 07 6
18	6 31 34 180 07 6
19	6 31 34 190 07 6
20	6 31 34 200 07 6
21	6 31 34 210 07 6
22	6 31 34 220 07 6
23	6 31 34 230 07 6
24	6 31 34 240 07 6
25	6 31 34 250 07 6
26	6 31 34 260 07 6
27	6 31 34 270 07 6
28	6 31 34 280 07 6
29	6 31 34 290 07 6
30	6 31 34 300 07 6
31	6 31 34 310 07 6
32	6 31 34 320 07 6
33	6 31 34 330 07 6
34	6 31 34 340 07 6
35	6 31 34 350 07 6
36	6 31 34 360 07 6
37	6 31 34 370 07 6
38	6 31 34 380 07 6
39	6 31 34 390 07 6
40	6 31 34 400 07 6
41	6 31 34 410 07 6
42	6 31 34 420 07 6
43	6 31 34 430 07 6
44	6 31 34 440 07 6
45	6 31 34 450 07 6
46	6 31 34 460 07 6
47	6 31 34 470 07 6
48	6 31 34 480 07 6
49	6 31 34 490 07 6
50	6 31 34 500 07 6
51	6 31 34 510 07 6
52	6 31 34 520 07 6
53	6 31 34 530 07 6
54	6 31 34 540 07 6
55	6 31 34 550 07 6
56	6 31 34 560 07 6
57	6 31 34 570 07 6
58	6 31 34 580 07 6
59	6 31 34 590 07 6
60	6 31 34 600 07 6

CENTERING PINS

 **Centering pin**

Ø mm	L mm	Part number
6,35	82	6 31 34 998 30 0
6,35	100	6 31 34 998 31 0
6,35	125	6 31 34 998 33 0
6,35	135	6 31 34 998 33 5

 **Centering pin**
2 parts.

Ø mm	L mm	Part number
7,98	184	3 02 17 362 01 0

ADAPTER/DRILL CHUCK



QuickIN-adaptor
Output M18 x 6 P 1.5

Part number
6 39 01 020 00 6



QuickIN-adaptor
Output 3/4" Weldon

Part number
6 39 01 021 01 4



QuickIN-adaptor
Special Weldon output. Specially designed for core bits from other manufacturers that have an internal hole of > 6.4 mm.

Part number
6 39 01 024 01 9



QuickIN-adaptor
Output 1/2" - 20 UNF

Part number
6 39 01 022 00 8



QuickIN-adaptor
Output B 16

Part number
6 39 01 023 00 2



Adapter with 3/4" Weldon fitting
for converting competitor products to the QuickIN system.

Part number
6 39 01 027 01 0



Adapter with 3/4" Weldon fitting
Output B 16

Part number
6 39 01 061 00 0



Adapter with 3/4" Weldon fitting
Output 1/2" - 20 UNF

Part number
6 39 01 070 01 0



Adapter with QuickIN MAX / Weldon 32 fitting
QuickIN output

Part number
6 39 01 045 01 0



Adapter with QuickIN MAX / Weldon 32 fitting
Output 3/4" Weldon

Part number
6 39 01 076 01 0



Adapter with Weldon 32 fitting
Output 3/4" Weldon

Part number
6 39 01 075 01 0



Extension
for use on confined, deep, or layered surfaces, through holes possible as of Ø 36 mm. QuickIN fitting, length 100 mm, including centring pin.

Part number
6 31 06 016 01 0



Key-type drill chuck with QuickIN holder

Chuck opening mm	Part number
1,5 - 13	6 39 01 023 02 0
1 - 16	6 39 01 023 01 1



Key-type drill chuck with 3/4" Weldon fitting

Chuck opening mm	Part number
1,5 - 13	6 39 01 061 02 0



Key-type drill chucks
Drill chuck holder B 22

Chuck opening mm	Outer Ø mm	Weight kg	Part number
5-20	75	1,55	6 32 02 022 01 8



Morse taper arbors
For tools with Morse taper.

Mount	Part number
MK 4/B 22	6 33 01 016 00 4



Reducing sleeves
for M.T. sockets

Mount	Part number
MK 4/MK 3	6 33 02 004 00 2



HSS spiral drill with QuickIN fitting
Cutting depth 35 mm

Bore Ø mm	Part number
10,0	6 31 11 009 01 0
10,2	6 31 11 010 01 0
11,0	6 31 11 011 01 0
12,0	6 31 11 012 01 0
13,0	6 31 11 013 01 0
14,0	6 31 11 014 01 0
15,0	6 31 11 015 01 0
15,5	6 31 11 016 01 0



HSS twist drill with 3/4" Weldon fitting
Cutting depth 35 mm

Bore Ø mm	Part number
5	6 31 11 036 01 0
6	6 31 11 018 01 0
6,8	6 31 11 034 01 0
7	6 31 11 019 01 0
8	6 31 11 020 01 0
8,5	6 31 11 035 01 0
9	6 31 11 021 01 0
10	6 31 11 022 01 0
10,2	6 31 11 037 01 0
11	6 31 11 023 01 0
12	6 31 11 024 01 0
13	6 31 11 025 01 0
14	6 31 11 026 01 0
15	6 31 11 027 01 0
16	6 31 11 028 01 0

DRIVE ARBORS



QuickIN-adaptors
With internal cooling lubricant supply.
Tool-free core drill bit changes.

Cutting depth mm	Taper	Bore Ø mm	Part number
50	MK 2	12 - 35	6 39 01 065 02 0
75	MK 2	12 - 35	6 39 01 066 02 0
50	MK 3	12 - 65	6 39 01 048 02 0
75	MK 3	12 - 65	6 39 01 049 02 0



3/4" Weldon mounting shaft
With internal cooling lubricant supply.
Tool-free core drill bit changes.

Cutting depth mm	Taper	Bore Ø mm	Part number
50	MK 2	12 - 35	6 39 01 063 02 0
75	MK 2	12 - 35	6 39 01 064 02 0
50	MK 3	12 - 65	6 39 01 050 02 0
75	MK 3	12 - 65	6 39 01 051 02 0



3/4" Weldon mounting shaft
With internal cooling lubricant supply.

Cutting depth mm	Taper	Bore Ø mm	Part number
50	MK 3	12 - 65	6 39 01 074 02 0
75	MK 3	12 - 65	6 39 01 073 02 0



Weldon 32 mounting shaft
For all Weldon 32 core drill bits.

Cutting depth mm	Taper	Bore Ø mm	Part number
50	MK 4	50 - 100	6 39 01 072 02 0



QuickIN-adaptors
for using FEIN core drills on bench and column drilling machines and all other core drilling units with MT fitting.
Tool-free core drill bit changes.

Cutting depth mm	Taper	Bore Ø mm	Part number
50	MK 3	12 - 65	6 39 01 019 01 3
50	MK 2	12 - 35	6 39 01 018 01 9
75	MK 3	12 - 65	6 39 01 055 02 0
75	MK 2	12 - 35	6 39 01 057 02 0



3/4" Weldon mounting shaft
for using FEIN core drills on bench and column drilling machines and all other core drilling units with MT fitting.
Tool-free core drill bit changes.

Cutting depth mm	Taper	Bore Ø mm	Part number
50	MK 3	12 - 65	6 39 01 052 02 0
75	MK 3	12 - 65	6 39 01 053 02 0



QuickIN output
For retrofitting KBM 80 U / KBM 80 auto. With integrated cooling lubricant supply. For all QuickIN core bits with a Ø of 12 - 65 mm.

Part number
6 39 01 039 02 0



QuickIN MAX output
For retrofitting KBM 80 U / KBM 80 auto. With integrated cooling lubricant supply. For all FEIN QuickIN MAX core bits with a Ø of 50-80 mm.

Part number
6 39 01 038 02 0



Weldon 32 output
For all Weldon 32 core drill bits.

Part number
6 39 01 041 01 0



Enlargement tapers
for M.T. sockets

Mount	Part number
MK 3/MK 3	6 33 04 005 00 0

TAPPING



Size 2 tapping quick-change chuck with 3/4" Weldon fitting

Can only be used for magnetic core drills with reverse running function. For tapping drills in accordance with DIN 371 and 374/376, in conjunction with tapping inserts with or without M6 - M20 safety clutch.

Part number

9 26 02 089 01 0



Size 2 tapping quick-change chuck with QuickIN fitting

Can only be used for magnetic core drills with reverse running function. For tapping drills in accordance with DIN 371 and 374/376, in conjunction with tapping inserts with or without M6 - M20 safety clutch.

Part number

9 26 02 079 01 0



Thread cutting tool for KBM 32 Q and KBM 50 QX

Size 2, with QuickIN fitting, for tapping drills in connection with tapping inserts with or without slipping clutch M6 - M16. Including torque support.

Part number

9 26 02 072 01 2



Thread cutting tool for KBM 65 Q and KBM 65 QF

Size 2, with MT 3 fitting, for tapping drills in connection with tapping inserts with or without slipping clutch M6 - M20. Including torque support.

Part number

9 26 02 066 01 2



Tapping Inserts

for thread drills in accordance with DIN 371

Thread	Ø mm	Square mm	Part number
M 6	6	4,9	6 32 06 095 01 1
M 8	8	6,2	6 32 06 138 01 0
M 10	10	8	6 32 06 139 01 0



Tapping Inserts

for thread drills in accordance with DIN 374/376

Thread	Ø mm	Square mm	Part number
M 6	4,5	3,4	6 32 06 117 01 5
M 10	7	5,5	6 32 06 096 01 4
M 12	9	7	6 32 06 097 01 8
M 14	11	9	6 32 06 098 01 6
M 16	12	9	6 32 06 099 01 0
M 18	14	11	6 32 06 100 01 1
M 20	16	12	6 32 06 101 01 0



Tapping Inserts

with safety coupling for blind holes. for thread drills in accordance with DIN 371

Thread	Ø mm	Square mm	Part number
M 6	6	4,9	6 32 06 118 01 3
M 8	8	6,2	6 32 06 140 01 0
M 10	10	8	6 32 06 141 01 0



Tapping Inserts

with safety coupling for blind holes. for thread drills in accordance with DIN 374/376

Thread	Ø mm	Square mm	Part number
M 8	6	4,9	6 32 06 102 01 3
M 10	7	5,5	6 32 06 103 01 7
M 12	9	7	6 32 06 104 01 5
M 14	11	9	6 32 06 105 01 9
M 16	12	9	6 32 06 106 01 2
M 18	14	11	6 32 06 107 01 6
M 20	16	12	6 32 06 108 01 4



Size 3 tapping quick-change chuck with QuickIN MAX/Weldon 32 fitting

Can only be used for magnetic core drills with reverse running function. For tapping drills in accordance with DIN 374/376, in conjunction with tapping inserts with or without M22 - M36 safety clutch.

Part number

9 26 02 082 01 0



Tapping Inserts

for thread drills in accordance with DIN 374/376

Thread	Ø mm	Square mm	Part number
M22/M24	18	14,5	6 32 06 119 01 0
M 27	20	16	6 32 06 120 01 0
M 30	22	18	6 32 06 121 01 0
M 33	25	20	6 32 06 157 01 0
M 36	28	22	6 32 06 158 01 0



Tapping Inserts

with safety coupling for blind holes. for thread drills in accordance with DIN 374/376

Thread	Ø mm	Square mm	Part number
M22/M24	18	14,5	6 32 06 122 01 0
M 27	20	16	6 32 06 123 01 0
M 30	22	18	6 32 06 124 01 0
M 33	25	20	6 32 06 155 01 0
M 36	28	22	6 32 06 156 01 0



Interchangeable reducing insert (size 3 to size 2)

Reducing insert for holding size 2 tapping inserts (M6 - M20) in size 3 tapping quick change chuck (9 26 02 082 01 0).

Part number

6 32 06 125 01 0

CLAMPING FIXTURES



Vacuum plate

for anti-magnetic materials and structured bases (corrugated sheet, stud plate etc.) Vacuum plate 396 x 200 x 95 mm

Part number

9 26 02 057 01 7



Vacuum pump

Suction rate 0,015 m³/min, -0,8 bar, 92 W, weight 2,5 kg including suction hose

Part number

9 26 01 022 01 3



Suction plate

for anti-magnetic materials, 250 x 330 x 110 mm

Part number

9 26 02 054 01 6



Pipe drilling device

incl. clamping strap, for positioning bores on pipes with pipe Ø of 60 to 300 mm, 220 x 130 mm.

Part number

9 26 02 055 01 0

COOLING



Pump

Capacity approx. 450 ml.

Part number

3 21 32 022 00 7

Replacement hose

for hand pump 3 21 32 022 00 7.

Part number

3 14 14 054 00 8



Flex-jointed hose

For applications using twist drills.

L mm	Part number
340	3 14 14 070 01 0
500	3 14 14 078 01 0



Cutting spray

300 ml pump spray, for long tool life, optimum cutting performance and enhanced swarf flow.

Part number

3 21 32 031 00 0



Cutting paste

Lubricating agents for working on sheet metals.

Part number

3 21 32 020 12 9

OTHER ACCESSORIES



Magbrush

Practical tool with high magnetic force for quick and easy collection of magnetic metal swarf.

Part number

6 42 01 005 01 0

AKBU ACCESSORIES



HighPower battery pack

HighPower Li-ion battery with cells capable of handling high currents, charge status indicator and FEIN SafetyCell technology. Continually high power output with 75 % higher current rating than a Li-ion battery. Recommended for FEIN cordless magnetic core drills and cordless angle grinders. Can be used with all FEIN 18 V cordless tools.

Capacity
Ah

5,2

Part number

9 26 04 179 02 0

FEIN Select⁺



HighPower battery starter set

2 x HighPower Li-ion batteries with ALG 50 rapid charger.

Capacity
Ah

5,2

Part number

9 26 04 307 01 0



Cordless ALED 12-18 V LED lamp

Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number

9 26 04 200 02 0



Quick charger ALG 50

For all FEIN Li-ion batteries. Charge time from 35 min.

Part number

9 26 04 129 01 0



Quick charger ALG 30

For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number

9 26 04 096 01 0

AUTOMATIC

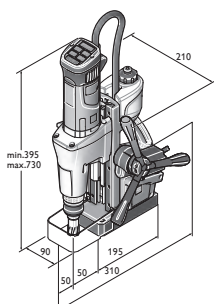


KBM 50 AUTO

Lightweight, powerful and ingenious 2-speed auto magnetic core drill offering maximum efficiency and minimum physical strain for core drilling in the workshop and on the construction site.

	Page		159
Application	Core drilling in metal with a Ø up to 35 mm		▲▲
	Core drilling in metal with a Ø up to 50 mm		▲▲
	Twist drills with drill chuck (DIN 338)		▲
	Twist drills with MK fitting (DIN 345)		▲▲
	Tapping		▲▲
	Countersinking		▲▲
	Reaming		▲▲
	Fully-automatic drilling		▲▲
	Working one-handed		▲▲
	Working overhead		▲
	Installation work		▲▲
Workshop jobs		▲▲	
Equipment	Electronic magnetic holding force		●
	Magnetic holding force display		●
	Automatic drill feed		●
	Reversible rotation		●
	Variable speed control		●
	Memory function		●
	Speed-controlled electronics (tacho)		●
	Tilt sensor		●
Technical data	Input	W	1 200
	Output	W	610
	Load speed in speed 1	rpm	130 - 260
	Load speed in speed 2	rpm	260 - 520
	Tool Holder		MK 3
	Twist drill max. Ø	mm	50
	Core drill, drilling depth max.	mm	40
	Tapping		50(75)*
	Countersinking max. Ø	mm	18/23**
	Reaming max. Ø	mm	M 16**
	Carbide core drill bit max. Ø	mm	50**
	HSS core drill max. Ø	mm	23**
	Core drill holder		QuickIN
	Stroke	mm	145
	Total stroke range	mm	315
	Magnetic holding power	N	12 500
	Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	4	
Weight according to EPTA	kg	16,20	

- ▲▲ optimal suitability
- ▲ suitability
- included
- * Also available with accessories
- ** In manual tool mode only



KBM 50 auto



AUTOMATIC MAGNETIC CORE DRILL



Saves time and money:

When producing large numbers of holes, working hours can be planned: core drills with digitally controlled drill feed deliver reproducible and timed drilling times.

Longer core drill bit lives:

A digitally controlled, fully automatic drill feed and therefore guaranteed optimum and constant contact pressure significantly extend the service life of the tool used.

KBM 50 AUTO

Lightweight, powerful and ingenious 2-speed auto magnetic core drill offering maximum efficiency and minimum physical strain for core drilling in the workshop and on the construction site.



For accessories, see page 150

Supplied

- 1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centering pin, 1 drift key, 1 contact guard, 1 case

Input	W	1 200
Output	W	610
Load speed in speed 1	rpm	130 - 260
Load speed in speed 2	rpm	260 - 520
Tool Holder		MK 3
Carbide core drill bit max. Ø	mm	50
HSS core drill max. Ø	mm	40
Core drill, drilling depth max.	mm	50(75)*
Twist drill max. Ø	mm	18/23**
Tapping		M 16**
Countersinking max. Ø	mm	50**
Reaming max. Ø	mm	23**
Core drill holder		QuickIN
Changing the core bit		tool-free
Stroke	mm	145
Total stroke range	mm	315
Magnetic holding power	N	12 500
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	4
Weight according to EPTA	kg	16,20

Part number 7 270 42 61

BENEFITS OF USE

- ▶ Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- ▶ Saves time and money when producing a large number of holes thanks to the digitally controlled drill feed.
- ▶ With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Thanks to reproducible and timed drilling times, working hours for commissioned and serial work can be planned.
- ▶ MT3 tool mounting.
- ▶ FEIN high-power motor with stable speed.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ High magnetic holding force.
- ▶ Convenient magnetic holding force display.
- ▶ Integrated coolant tank.
- ▶ Tilt sensor.
- ▶ Speed saving "memory function".
- ▶ * Also available with accessories.
- ▶ ** In manual tool mode only.



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Controllable raw power with adjustable torque. 200

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For safe, consistent working with self-drilling and thread-moulding screws in roof and facade construction as well as heating, air conditioning and ventilation. 207

ROTARY HAMMER DRILL

Extremely light, compact and powerful. 209

DRILLING / SCREWDRIVING

DRILLING AND SCREWDRIVING WITH FEIN: BENEFIT FROM OUR KNOWLEDGE AND EXPERIENCE.

FEIN POWER TOOLS: PERFECTLY MATCHED TO ANY APPLICATION.

With a wide range, allowing for maximum precision, endurance and tough use, FEIN power tools can be used to drill holes of between 0.5 and 32 mm in metal. Our four-speed cordless drill/drivers deliver the optimum cutting speed for every hole diameter. The high concentricity of the drills ensures precise working, meaning that little rework is needed. Tapping drills from FEIN are designed to save time and money. All products are developed for professional metal drilling applications.

EFFICIENT ACCESSORIES.

System accessories from FEIN offer greater flexibility: our QuickIN accessories for cordless drill/drivers are ideal for quick changes between all applications – no matter whether you are drilling, tapping, countersinking or screwdriving.



QUALITY YOU CAN RELY ON!

Durable and powerful – the powerful high-power motor from FEIN delivers stable torque, is developed and produced for the toughest metal applications and is designed for a very long service life.

DRILL/DRIVER, DRILL – WHICH TOOL IS RIGHT FOR YOUR APPLICATION?

FEIN offers the right power tool for your application when drilling and screwdriving in metal: From all-rounders to specialised tools. You always work economically regardless of whether you take on jobs daily or just once a week.



DRILLS



- ▶ Fast work progress: By using a speed matched to the hole diameter, you work particularly economically.
- ▶ Very precise results thanks to good concentricity.
- ▶ For ensuring that the drilling tool is securely attached.
- ▶ Highly ergonomic and easy-to-use for fatigue-free operation over several hours.
- ▶ Flexible use: can also be used in the drill jig.



ANGLE DRILLS



- ▶ Extremely small angle drill for working in difficult-to-reach spots.
- ▶ Fast work progress
- ▶ Very precise results thanks to good concentricity.
- ▶ Highly ergonomic and easy-to-use for fatigue-free operation over several hours.



TAPPERS



- ▶ Rapid tapping saves a lot of time and money thanks to reversing gear with rapid return action.
- ▶ Taper mounting on threaded chuck and positive fit of thread drill for precise tap drilling with the best results.
- ▶ Highly ergonomic and easy-to-use for fatigue-free operation over several hours.



DRILL JIGS/ MAGNETIC DRILL JIGS



- ▶ Precise drilling results thanks to clearance-free tool holder and high magnetic retaining force.
- ▶ Weight-optimised design for mobile use on the workpiece.
- ▶ Universal use in drilling, tap drilling, countersinking and reaming work.
- ▶ Schuko socket integrated in the drill jig.



DRILL/DRIVER



- ▶ Universal use in all metal processing applications.
- ▶ High speeds with optimum work progress enable rapid and precise drilling in metal.
- ▶ Quick change between applications: Drilling, tap drilling and screwdriving with QuickIN accessories.
- ▶ Brushless FEIN PowerDrive motor: Very long service life (totally dust-proof) and 30 % greater efficiency.



IMPACT WRENCHES



- ▶ Controllable raw power: Depending on the screw size, the torque can be adjusted to the desired tightening torque.
- ▶ Loosen extremely tight screws with 10 % more torque in reverse running.
- ▶ For M5 to M18 screw sizes.



METAL SCREW GUN



- ▶ Excellent handling.
- ▶ Rapid progress of work: Optimum speeds for processing self-drilling screws.
- ▶ No wearing out the drill bit.
- ▶ Good quality of workmanship: Sealing disc fits perfectly thanks to high-precision cut-off with depth stop. Perfect for avoiding corrosion damage.



ROTARY HAMMER DRILL



- ▶ Rapid work progress thanks to brushless motor with high impact energy.
- ▶ Fatigue-free working thanks to compact design and few vibrations.
- ▶ Protection for the user and tool by means of safety clutch and overload protection.

DRILLS



ABOP 6 SELECT

Fast-running single-speed drill (battery-powered) with excellent speed stability, up to 6 mm in steel in metal construction.

ABOP 10 SELECT

Compact single-speed drill with speed stability (battery-powered), up to 10 mm in steel for on-site installation work.

ABOP 13-2 SELECT

Universal two-speed drill (battery-powered), up to 13 mm with ideal speed range for steel and stainless steel.

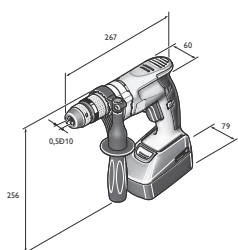
BOP 6

Fast-running single-speed drill with good speed stability, up to 6 mm in steel in metal construction.

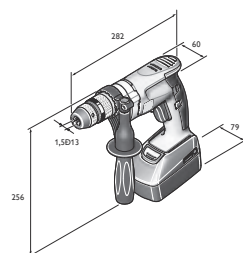
BOP 10

Compact single-speed drill with speed stability, up to 10 mm in steel for on-site installation work.

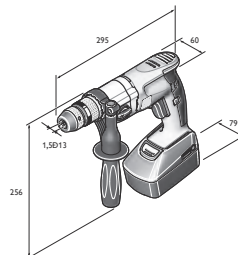
		168	169	169	170	171	
Application	Page						
	Twist drilling	▲▲	▲▲	▲▲	▲▲	▲▲	
	Tapping		▲	▲▲		▲	
	Sawing holes in sheet metal						
	Countersinking		▲	▲▲		▲	
Equipment	Reaming						
	Reversible rotation	●	●	●	●	●	
	Acceleration electronics	●	●	●	●	●	
	Torque slipping clutch						
	Speed preselection						
Technical data	Input	W			500	500	
	Output	W			270	270	
	Battery voltage	V	18	18	18		
	Battery compatibility		Li-ion/ HighPower Li-ion	Li-ion/ HighPower Li-ion	Li-ion/ HighPower Li-ion		
	Battery interface		18 V	18 V	18 V		
	Speed, full load	rpm	0 - 2 900	0 - 1 100	0 - 500 / 0 - 1 500	0 - 2 700	0 - 900
	Speed, no load	rpm	0 - 3 350	0 - 1 250	0 - 580 / 0 - 1 760	0 - 4 000	0 - 1 500
	Torque at max. output power	Nm	4	11	24 / 8	3.5	9
	Stall torque	Nm	7	19	39 / 13	9	24
	Drill chuck clamping width	mm	0,5 - 10	1,5 - 13	1,5 - 13	0,5 - 10	1,5 - 13
	Capacity in steel Ø	mm	6	10	13	6	10
	Capacity in Ø stainless steel	mm	6	10	13	6	10
	Capacity in alu Ø	mm	10	15	16	10	15
	Capacity in wood Ø	mm	20	30	37	20	30
	Drilling diameter in steel, hole saws	mm					
	Tapping			M 6	M 10		M 6
	Countersinking max. Ø	mm					
	Thread of spindle		1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF
	Collar Ø	mm	43	43	43	43	43
	Width across corners	mm	23	23	23	23	23
Cable with plug	m				5	5	
Weight according to EPTA	kg				1,70	1,80	
Weight without storage battery	kg	1,40	1,50	1,70			



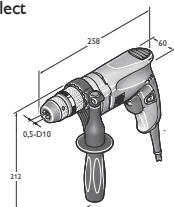
ABOP 6 Select



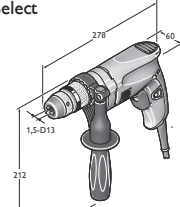
ABOP 10 Select



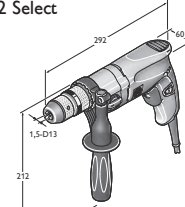
ABOP 13-2 Select



BOP 6



BOP 10

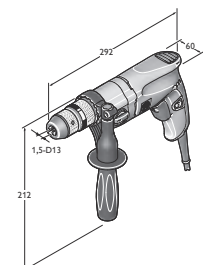


BOP 10-2

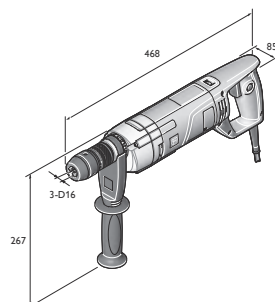


	BOP 10-2	BOP 13-2	BOS 16	BOS 16-2	BOZ 32-4 M
	Universal two-speed drill, up to 10 mm with ideal speed range for steel and stainless steel.	Universal two-speed drill, up to 13 mm with ideal speed range for steel and stainless steel.	Powerful drill with speed setting for flexible use in metal construction.	Powerful two-speed drill with speed setting for flexible use in metal construction.	Universal four-speed drill with forward/reverse running, speed setting, MT3 tool mounting for heavy-duty drilling.
	172	173	174	175	175
	▲▲	▲▲	▲▲	▲▲	▲▲
	▲▲	▲▲	▲▲	▲▲	▲▲
	▲▲	▲▲	▲	▲	▲
	●	●	●	●	●
	●	●	●	●	●
	500	550	1 200	1 200	1 800
	270	300	680	680	1 100
	0 - 460 / 0 - 1 350	0 - 440 / 0 - 1 300	0 - 520	0 - 520 / 0 - 1 600	60-140 / 95-220 / 135-310 / 210-480
	0 - 700 / 0 - 2 250	0 - 680 / 0 - 2 200	0 - 520	0 - 520 / 0 - 1 600	60-140 / 95-220 / 135-310 / 210-480
	20 / 7	20 / 7	50	50 / 16	75 / 48 / 34 / 22
	50 / 16	50 / 16	50 **	50 / 16 **	75 / 48 / 34 / 22 **
	1,5 - 13	1,5 - 13	3 - 16	3 - 16	
	10	13	16	16	32
	10	13	16	16	20
	16	16	20	20	60
	35	37	50	50	70
			80	80	
	M 10	M 10	M 12	M 12	M 24
			31	31	50
	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF	1/2 " - 20 UNF	
	43	43	43	43	65
	23	23	27	27	38
	5	5	4	4	3,15
	2,00	2,00	3,50	3,70	7,50

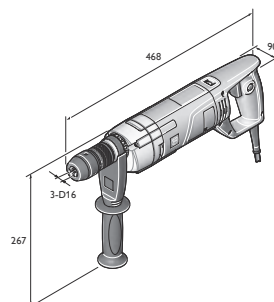
▲▲ optimal suitability
▲ suitability
● included
** Torque slipping clutch



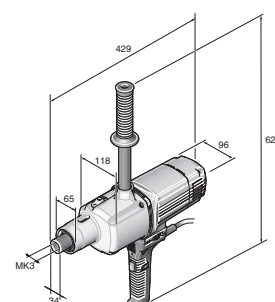
BOP 13-2



BOS 16



BOS 16-2



BOZ 32-4 M

DRILL (A)BOP



Precise and gentle drilling

Drill with extreme precision in the sensitive hold: In the direct drill axis, you achieve not just optimum concentricity but also excellent work progress.



For many applications

Select the right speed for your drilling application every time thanks to the mechanical two-speed gearbox.



Tapping

Tap drilling requires a very high power output, which is why FEIN drills come with a continually high level of energy and forward/reverse running.

ABOP 6 SELECT

Fast-running single-speed drill (battery-powered) with excellent speed stability, up to 6 mm in steel in metal construction.



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		18 V
Speed, full load	rpm	0 - 2 900
Speed, no load	rpm	0 - 3 350
Torque at max. output power	Nm	4
Stall torque	Nm	7
Drill chuck clamping width	mm	0,5 - 10
Capacity in steel Ø	mm	6
capacity in Ø stainless steel	mm	6
Capacity in alu Ø	mm	10
Capacity in wood Ø	mm	20
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Weight without storage battery	kg	1,40

Part number 7 105 01 62

BENEFITS OF USE

- ▶ Optimum speed for lower diameters and therefore economic working with efficient use of the machine.
- ▶ Outstanding quality battery-powered drill with high concentricity for precise drilling results.
- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ Metal gear head.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ Automatic spindle locking and single sheath quick clamping drill chuck.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 43 mm diameter collar for use in the drill jig.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



ABOP 10 SELECT



For accessories, see page 176

Supplied

- 1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Compact single-speed drill with speed stability (battery-powered), up to 10 mm in steel for on-site installation work.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		18 V
Speed, full load	rpm	0 - 1 100
Speed, no load	rpm	0 - 1 250
Torque at max. output power	Nm	11
Stall torque	Nm	19
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	10
capacity in Ø stainless steel	mm	10
Capacity in alu Ø	mm	15
Capacity in wood Ø	mm	30
Tapping		M 6
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Weight without storage battery	kg	1,50

Part number 7 105 02 62

BENEFITS OF USE

- ▶ Particularly flat and slim design with excellent width across corners for installation work even in tight spaces and corners.
- ▶ Outstanding quality battery-powered drill with high concentricity for precise drilling results.
- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ Metal gear head.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ Automatic spindle locking and single sheath quick clamping drill chuck.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 43 mm diameter collar for use in the drill jig.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ABOP 13-2 SELECT



For accessories, see page 176

Supplied

- 1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Universal two-speed drill (battery-powered), up to 13 mm with ideal speed range for steel and stainless steel.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		18 V
Speed, full load	rpm	0 - 500 / 0 - 1 500
Speed, no load	rpm	0 - 580 / 0 - 1 760
Torque at max. output power	Nm	24 / 8
Stall torque	Nm	39 / 13
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	13
capacity in Ø stainless steel	mm	13
Capacity in alu Ø	mm	16
Capacity in wood Ø	mm	37
Tapping		M 10
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Weight without storage battery	kg	1,70

Part number 7 105 03 62

BENEFITS OF USE

- ▶ Mechanical two-speed gearbox for optimum speed adjustment for a wide range of uses.
- ▶ Outstanding quality battery-powered drill with high concentricity for precise drilling results.
- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ Metal gear head.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ Automatic spindle locking and single sheath quick clamping drill chuck.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 43 mm diameter collar for use in the drill jig.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

BOP 6



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle

Fast-running single-speed drill with good speed stability, up to 6 mm in steel in metal construction.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 2 700
Speed, no load	rpm	0 - 4 000
Torque at max. output power	Nm	3,5
Stall torque	Nm	9
Drill chuck clamping width	mm	0,5 - 10
Capacity in steel Ø	mm	6
capacity in Ø stainless steel	mm	6
Capacity in alu Ø	mm	10
Capacity in wood Ø	mm	20
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	1,70

Part number 7 205 52 60

BENEFITS OF USE

- ▶ Optimum speed for lower diameters and therefore economic working with efficient use of the machine.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.

BOP 6



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Fast-running single-speed drill with good speed stability, up to 6 mm in steel in metal construction.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 2 700
Speed, no load	rpm	0 - 4 000
Torque at max. output power	Nm	3,5
Stall torque	Nm	9
Drill chuck clamping width	mm	0,5 - 10
Capacity in steel Ø	mm	6
capacity in Ø stainless steel	mm	6
Capacity in alu Ø	mm	10
Capacity in wood Ø	mm	20
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	1,70

Part number 7 205 52 61

BENEFITS OF USE

- ▶ Optimum speed for lower diameters and therefore economic working with efficient use of the machine.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.



BOP 10



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle

Compact single-speed drill with speed stability, up to 10 mm in steel for on-site installation work.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 900
Speed, no load	rpm	0 - 1 500
Torque at max. output power	Nm	9
Stall torque	Nm	24
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	10
capacity in Ø stainless steel	mm	10
Capacity in alu Ø	mm	15
Capacity in wood Ø	mm	30
Tapping		M 6
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	1,80

Part number	7 205 53 60
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BENEFITS OF USE

- ▶ Particularly flat and slim design with excellent width across corners for installation work even in tight spaces and corners.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.

BOP 10



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Compact single-speed drill with speed stability, up to 10 mm in steel for on-site installation work.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 900
Speed, no load	rpm	0 - 1 500
Torque at max. output power	Nm	9
Stall torque	Nm	24
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	10
capacity in Ø stainless steel	mm	10
Capacity in alu Ø	mm	15
Capacity in wood Ø	mm	30
Tapping		M 6
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	1,80

Part number	7 205 53 61
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BENEFITS OF USE

- ▶ Particularly flat and slim design with excellent width across corners for installation work even in tight spaces and corners.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.

BOP 10-2



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle

Universal two-speed drill, up to 10 mm with ideal speed range for steel and stainless steel.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 460 / 0 - 1 350
Speed, no load	rpm	0 - 700 / 0 - 2 250
Torque at max. output power	Nm	20 / 7
Stall torque	Nm	50 / 16
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	10
capacity in Ø stainless steel	mm	10
Capacity in alu Ø	mm	16
Capacity in wood Ø	mm	35
Tapping		M 10
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	2,00

Part number	7 205 54 60
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BENEFITS OF USE

- ▶ Mechanical two-speed gearbox for optimum speed adjustment for a wide range of uses.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.

BOP 10-2



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Universal two-speed drill, up to 10 mm with ideal speed range for steel and stainless steel.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 460 / 0 - 1 350
Speed, no load	rpm	0 - 700 / 0 - 2 250
Torque at max. output power	Nm	20 / 7
Stall torque	Nm	50 / 16
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	10
capacity in Ø stainless steel	mm	10
Capacity in alu Ø	mm	16
Capacity in wood Ø	mm	35
Tapping		M 10
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	2,00

Part number	7 205 54 61
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BENEFITS OF USE

- ▶ Mechanical two-speed gearbox for optimum speed adjustment for a wide range of uses.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.



BOP 13-2



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle

Universal two-speed drill, up to 13 mm with ideal speed range for steel and stainless steel.

Input	W	550
Output	W	300
Speed, full load	rpm	0 - 440 / 0 - 1 300
Speed, no load	rpm	0 - 680 / 0 - 2 200
Torque at max. output power	Nm	20 / 7
Stall torque	Nm	50 / 16
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	13
capacity in Ø stainless steel	mm	13
Capacity in alu Ø	mm	16
Capacity in wood Ø	mm	37
Tapping		M 10
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	2,00

Part number	7 205 55 60
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BENEFITS OF USE

- ▶ Mechanical two-speed gearbox for optimum speed adjustment for a wide range of uses.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.

BOP 13-2



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle, 1 plastic carrying case

Universal two-speed drill, up to 13 mm with ideal speed range for steel and stainless steel.

Input	W	550
Output	W	300
Speed, full load	rpm	0 - 440 / 0 - 1 300
Speed, no load	rpm	0 - 680 / 0 - 2 200
Torque at max. output power	Nm	20 / 7
Stall torque	Nm	50 / 16
Drill chuck clamping width	mm	1,5 - 13
Capacity in steel Ø	mm	13
capacity in Ø stainless steel	mm	13
Capacity in alu Ø	mm	16
Capacity in wood Ø	mm	37
Tapping		M 10
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	2,00

Part number	7 205 55 61
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BENEFITS OF USE

- ▶ Mechanical two-speed gearbox for optimum speed adjustment for a wide range of uses.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ FEIN Sensitive Handle.
- ▶ Variable speed control.
- ▶ 5 metre cable.
- ▶ 43 mm diameter collar for use in the drill jig.

DRILL BOS / DSK 672



For large drilling tools

Work economically even with large hole diameters: A mechanical two-speed gearbox delivers the optimum speed for your drilling job (BOS 16-2).



Powerful in direct drill axis

Drills with a cross handle enable a high contact force in the direction of feed.

BOS 16

Powerful drill with speed setting for flexible use in metal construction.



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle

Input	W	1 200
Output	W	680
Speed, full load	rpm	0 - 520
Speed, no load	rpm	0 - 520
Torque at max. output power	Nm	50
Stall torque	Nm	50 **
Drill chuck clamping width	mm	3 - 16
Capacity in steel Ø	mm	16
capacity in Ø stainless steel	mm	16
Capacity in alu Ø	mm	20
Capacity in wood Ø	mm	50
Drilling diameter in steel, hole saws	mm	80
Tapping		M 12
Countersinking max. Ø	mm	31
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	27
Cable with plug	m	4
Weight according to EPTA	kg	3,50

Part number 7 205 47 60

BENEFITS OF USE

- ▶ Optimum speed for lower diameters and therefore economic working with efficient use of the machine.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Forward/reverse running and electronic speed preselection.
- ▶ Speed-controlled tacho electronics.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ Spade handle for optimum power transfer.
- ▶ Variable speed control.
- ▶ 43 mm diameter collar for use in the drill jig.
- ▶ ** Torque slipping clutch.



BOS 16-2



For accessories, see page 176

Supplied

1 SUPRA SKE single sheath metal quick clamping drill chuck, 1 additional handle

Powerful two-speed drill with speed setting for flexible use in metal construction.

Input	W	1 200
Output	W	680
Speed, full load	rpm	0 - 520 / 0 - 1 600
Speed, no load	rpm	0 - 520 / 0 - 1 600
Torque at max. output power	Nm	50 / 16
Stall torque	Nm	50 / 16 **
Drill chuck clamping width	mm	3 - 16
Capacity in steel Ø	mm	16
capacity in Ø stainless steel	mm	16
Capacity in alu Ø	mm	20
Capacity in wood Ø	mm	50
Drilling diameter in steel, hole saws	mm	80
Tapping		M 12
Countersinking max. Ø	mm	31
Thread of spindle		1/2"-20 UNF
Collar Ø	mm	43
Width across corners	mm	27
Cable with plug	m	4
Weight according to EPTA	kg	3,70

Part number 7 205 49 60

BENEFITS OF USE

- ▶ Mechanical two-speed gearbox for optimum speed adjustment for a wide range of uses.
- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Metal gear head and distortion-free barrel-type motor housing for superb service life.

PRODUCT FEATURES

- ▶ Reversible rotation.
- ▶ Speed-controlled tacho electronics.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Self-tightening drill chuck clamping jaws.
- ▶ Spade handle for optimum power transfer.
- ▶ Variable speed control.
- ▶ 43 mm diameter collar for use in the drill jig.
- ▶ ** Torque slipping clutch.

BOZ 32-4 M



For accessories, see page 176

Supplied

1 additional handle, 1 drift key

Universal four-speed drill with forward/reverse running, speed setting, MT3 tool mounting for heavy-duty drilling.

Input	W	1 800
Output	W	1 100
Load speed in speed 1	rpm	60 - 140
Load speed in speed 2	rpm	95 - 220
Load speed in speed 3	rpm	135 - 310
Load speed in speed 4	rpm	210 - 480
Idling speed in speed 1	rpm	60 - 140
Idling speed in speed 2	rpm	95 - 220
Idling speed in speed 3	rpm	135 - 310
Idling speed in speed 4	rpm	210 - 480
Torque at max. output power	Nm	75 / 48 / 34 / 22
Stall torque	Nm	75 / 48 / 34 / 22 **
Capacity in steel Ø	mm	32
capacity in Ø stainless steel	mm	20
Capacity in alu Ø	mm	60
Capacity in wood Ø	mm	70
Tapping		M 24
Countersinking max. Ø	mm	50
Collar Ø	mm	65
Width across corners	mm	38
Cable with plug	m	3,15
Weight according to EPTA	kg	7,50

Part number 7 202 51 60

BENEFITS OF USE

- ▶ FEIN 1800 W high-power motor and mechanical 4-speed gearbox for high torque in heavy-duty drilling work.
- ▶ Tool with forward/reverse running and electronic speed reduction for all drilling work, such as twist drilling, tap drilling, countersinking and reaming.
- ▶ Extremely durable design for tough use thanks to highest quality materials and workmanship.

PRODUCT FEATURES

- ▶ MT3 tool mounting.
- ▶ Electronic torque shut-off.
- ▶ Speed-controlled tacho electronics.
- ▶ Able to handle extreme loads.
- ▶ Metal gear head.
- ▶ Cross handle.
- ▶ For optimum use on FEIN magnetic drill jigs.
- ▶ Wide range of accessories.
- ▶ ** Torque slipping clutch.

ACCESSORIES FOR (A)BOP 6, (A)BOP 10, (A)BOP 10-2, (A)BOP 13-2



Tool case
With case insert and plastic box
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 48 0



Quick charger ALG 50
For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number
9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number
9 26 04 096 01 0



Battery pack
Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set
2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0



Quick-action chucks
Single sheath metal SUPRA SKE quick clamping drill chuck with locking force safety device, drill chuck holder 1/2" - 20 UNF

Chuck opening mm	Part number
0,5 - 10	6 32 05 036 01 0



Quick-action chucks
Single sheath metal SUPRA SKE quick clamping drill chuck with locking force safety device, drill chuck holder 1/2" - 20 UNF

Chuck opening mm	Part number
1,5-13	6 32 05 035 01 0

Jaw spanner SW17

Part number
6 29 03 002 00 9

Suspension Device
for hooking onto a balancer vertical

Part number
3 02 32 046 00 8



Suspension Device
for hooking onto a balancer horizontal and vertical

Part number
3 21 25 050 00 7



Depth stop

Part number
3 21 27 005 00 6

Protective cover
for protecting the work piece surface from mechanical damages

Model	Part number
BOP 10	3 14 20 131 01 0
BOP 10-2/13-2	3 14 20 132 01 0



Cutting paste
Lubricating agents for working on sheet metals.

Part number
3 21 32 020 12 9

ACCESSORIES FOR BOS 16, BOS 16-2



Tool case
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Paddle
Length 600 mm, Ø 110 mm

Part number
6 39 02 002 01 3



Quick-action chucks
Single sheath metal SUPRA SKE quick clamping drill chuck with locking force safety device, drill chuck holder 1/2" - 20 UNF

Chuck opening mm	Weight kg	Part number
3-16	0,56	6 32 05 038 01 0

Quick-action chucks
Drill chuck holder 1/2" - 20 UNF form R tip

Chuck opening mm	Weight kg	Part number
1-13	0,54	6 32 05 033 01 0



Key-type drill chucks
Drill chuck holder 1/2" - 20 UNF

Chuck opening mm	Weight kg	Part number
1-10	0,30	6 32 03 034 01 0
1,5-13	0,38	6 32 03 041 01 4

ACCESSORIES FOR BOZ 32-4 M, DSKE 672, DDSK 671-1, DDSK 672



Tool case
metal 400 x 400 x 130 mm

Part number
3 39 01 032 01 3



Quick-action chucks
Drill chuck holder B 16 form R tip

Chuck opening mm	Weight kg	Part number
0-10	0,61	6 32 04 016 00 7
1-13	0,88	6 32 04 017 00 1
3-16	1,14	6 32 04 025 00 3



Quick-action chucks
Drill chuck holder B 16 R shaped tip with locking force safety device

Chuck opening mm	Weight kg	Part number
1-13	0,56	6 32 04 032 00 6



Key-type drill chucks
Drill chuck holder B 16

Chuck opening mm	Weight kg	Part number
1,5-13	0,41	6 32 02 030 01 5
3-16	0,64	6 32 02 037 01 0



Morse taper arbors
for drilling machines with morse taper arbor

Mount	Part number
MK 3/B 16	6 33 01 012 00 5
MK 3/B 22	6 33 01 014 00 7



Enlargement tapers
for M.T. sockets

Mount	Part number
MK 3/MK 4	6 33 04 004 00 0



Reducing sleeves
for M.T. sockets

Part number
6 33 02 003 00 4



Drift keys

Mount	Length mm	Part number
MK 1/MK 2	140	6 33 05 003 00 3
MK 3/MK 4	190	6 33 05 004 00 1



ANGLE DRILLS



Problem-solver for tight spots

The particularly flat (96 mm gearbox head height) and slimline (17 mm width across corners) tool is a specialist in hard-to-reach places.

High precision

Outstanding quality angle drill with high concentricity for precise drilling results.

AWBP 10 SELECT

Extremely small cordless angle drill for working in difficult-to-reach spots.

FEIN SELECT⁺



For accessories, see page 178

Supplied

1 3-jaw chuck up to Ø 10 mm, 1 drill chuck key, 1 plastic carrying case

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		18 V
Speed, full load	rpm	0 - 1 260
Speed, no load	rpm	0 - 1 370
Torque at max. output power	Nm	9,5
Stall torque	Nm	17
Drill chuck clamping width	mm	0,8 - 10
Capacity in steel Ø	mm	10
capacity in Ø stainless steel	mm	10
Capacity in alu Ø	mm	15
Capacity in wood Ø	mm	25
Tapping		M 6
Cone at drill shaft		B 10
Width across corners	mm	17
Gearbox head height		96
Weight without storage battery	kg	1,30

Part number 7 105 04 62

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.
- ▶ Particularly flat and slim design with 17 mm width across corners and 96 mm gearbox head height for work in tight spaces and corners.
- ▶ Flexible and universal use thanks to clockwise and reverse running for thread cuts up to M6.

PRODUCT FEATURES

- ▶ Metal gear head.
- ▶ Tapered drill shaft.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ FEIN Sensitive Handle.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

WBP 10



For accessories, see page 178

Supplied

1 3-jaw chuck up to \varnothing 10 mm,
1 drill chuck key

Extremely small angle drill for working in difficult-to-reach spots.

Input	W	500
Output	W	270
Speed, full load	rpm	0 - 1 030
Speed, no load	rpm	0 - 1 830
Torque at max. output power	Nm	8
Stall torque	Nm	21
Drill chuck clamping width	mm	0,8 - 10
Capacity in steel \varnothing	mm	10
capacity in \varnothing stainless steel	mm	10
Capacity in alu \varnothing	mm	15
Capacity in wood \varnothing	mm	25
Tapping		M 6
Cone at drill shaft		B 10
Width across corners	mm	17
Gearbox head height		96
Cable with plug	m	5
Weight according to EPTA	kg	1,50

Part number	7 205 51 60
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BENEFITS OF USE

- ▶ FEIN high-power motor with good speed stability for constant drilling progress in almost any application.
- ▶ Particularly flat and slim design with 17 mm width across corners and 96 mm gearbox head height for work in tight spaces and corners.
- ▶ Flexible and universal use thanks to clockwise and reverse running for thread cuts up to M6.

PRODUCT FEATURES

- ▶ Metal gear head.
- ▶ Tapered drill shaft.
- ▶ High-precision metal drill chuck.
- ▶ High concentricity.
- ▶ Distortion-free barrel-type motor housing.
- ▶ FEIN Sensitive Handle.
- ▶ 5 metre cable.

ANGLE DRILLS

GENERAL ACCESSORIES



Key-type drill chucks

Drill chuck holder B 10

Chuck opening mm	Weight kg	Part number
0,8-10	0,22	6 32 02 044 01 8
0,5-8	0,14	6 32 02 043 01 0

ACCESSORIES FOR AWBP 10



Tool case

With case insert and plastic box
470 x 275 x 116 mm

Part number
3 39 01 131 94 0



Battery pack

Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0

FEIN Select+



Battery starter set

2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0



Quick charger ALG 30

For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number
9 26 04 096 01 0



Quick charger ALG 50

For all FEIN Li-ion batteries. Charge time from 35 min.

Part number
9 26 04 129 01 0

ACCESSORIES FOR WBP 10



Tool case

Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box

Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number
3 39 01 119 00 0



TAPPERS

**Short cycle times**

Save time during production: When retracting out of the threaded hole, the reversing gear automatically reverses the direction of rotation. The rapid return action at 670 rpm shortens your cycle times.

**High precision**

The threading drill's collet allows it to be gripped perfectly by its square.

AGWP 10 SELECT

FEIN SELECT⁺

For accessories, see page 181

Supplied

1 additional handle, 1 plastic carrying case,
Threaded chuck not included

Fast, accurate thread drill with reversing gear for shorter working times.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		18 V
Idling speed in reverse running	rpm	0 - 760
Load speed when cutting	rpm	0 - 440
Load speed in reverse running	rpm	0 - 670
Torque at max. output power	Nm	26
Stall torque	Nm	41
Thread in steel up to		M 10
Thread in stainless steel		M 10
Cone at drill shaft		B 12
Collar Ø	mm	43
Width across corners	mm	23
Weight without storage battery	kg	1,30

Part number 7 109 01 62

BENEFITS OF USE

- ▶ Unique speed thanks to reversing gear for automatic reversal of rotation direction when retracting drill spindle from threaded hole. Rapid return action at 670 rpm for shorter cycle times.
- ▶ Outstanding precision due to clearance-free connection of drill shaft and threaded chuck with B12 taper mounting for high concentricity. Positive fit of thread drill in chuck for the best results.
- ▶ FEIN sensitive handle for applying feed force in the direct drilling axis while ensuring an ideal position in the guiding hand.

PRODUCT FEATURES

- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.
- ▶ Metal gear head.
- ▶ Small width across corners of 23 mm.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

GWP 10



For accessories, see page 181

Supplied

1 additional handle,
Threaded chuck not included

Fast, accurate thread drill with reversing gear for shorter working times.

Input	W	450
Output	W	250
Idling speed in reverse running	rpm	0 - 1 000
Load speed when cutting	rpm	0 - 450
Load speed in reverse running	rpm	0 - 680
Torque at max. output power	Nm	21
Stall torque	Nm	53
Thread in steel up to		M 10
Thread in stainless steel		M 10
Cone at drill shaft		B 12
Collar Ø	mm	43
Width across corners	mm	23
Cable with plug	m	5
Weight according to EPTA	kg	1,60

Part number **7 209 38 60**

BENEFITS OF USE

- ▶ Unique speed thanks to reversing gear for automatic reversal of rotation direction when retracting drill spindle from threaded hole. Rapid return action at 680 rpm for shorter cycle times.
- ▶ Outstanding precision due to clearance-free connection of drill shaft and threaded chuck with B12 taper mounting for high concentricity. Positive fit of thread drill in chuck for the best results.
- ▶ FEIN sensitive handle for applying feed force in the direct drilling axis while ensuring an ideal position in the guiding hand.

PRODUCT FEATURES

- ▶ FEIN high-power motor with stable speed.
- ▶ Small width across corners of 23 mm.
- ▶ Metal gear head.
- ▶ Distortion-free barrel-type motor housing.



GENERAL ACCESSORIES



Quick charger ALG 50
For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number

9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number

9 26 04 096 01 0



Battery pack
Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set
2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0



Tool case
With case insert and plastic box
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number

3 39 01 131 00 0



Collet chuck
with collets 3,5/4,5/6 mm

Part number

6 32 06 063 01 2



Floating collet chuck
with collets 3,5/4,5/6 mm

Part number

6 32 06 076 02 2



Collets
for collet chucks and floating collet chucks and tapping adapters. M2 (DIN 352, DIN 371), M4 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
2,8	2,1	6 32 06 077 00 1



Collets
for collet chucks and floating collet chucks and tapping adapters. M3 (DIN 352, DIN 371), M5 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
3,5	2,7	6 32 06 064 00 1



Collets
for collet chucks and floating collet chucks and tapping adapters. M4 (DIN 352, DIN 371), M6 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
4,5	3,4	6 32 06 065 00 5



Collets
for collet chucks and floating collet chucks and tapping adapters. M5 (DIN 352, DIN 371), M6 (DIN 352), M7 (DIN 352), M8 (DIN 352, DIN 357, DIN 376)

Ø mm	Square mm	Part number
6	4,9	6 32 06 066 00 8



Collets
for collet chucks and floating collet chucks and tapping adapters. M7 (DIN 371), M9 (DIN 352), M10 (DIN 352, DIN 357, DIN 376)

Ø mm	Square mm	Part number
7	5,5	6 32 06 070 00 6



Collets
for collet chucks and floating collet chucks and tapping adapters. M8 (DIN 371), M11 (DIN 352)

Ø mm	Square mm	Part number
8	6,2	6 32 06 078 00 9



Collets
for collet chucks and floating collet chucks and tapping adapters. M10 (DIN 371)

Ø mm	Square mm	Part number
10	8	6 32 06 079 00 3



Collets
for collet chucks and floating collet chucks and tapping adapters. M12 (DIN 357, DIN 371, DIN 376)

Ø mm	Square mm	Part number
9	7	6 32 06 075 00 4



Jaw chuck
for tapping drill direct adaptor clamping range 2.8 - 9.0 mm, with key wrench

Part number

6 32 06 019 00 9



Floating jaw chuck
for tapping drill direct adaptor clamping range 2.8 - 9.0 mm, with key wrench

Part number

6 32 06 041 00 8



Drifts
for drill chuck up to B12, length 125 mm, pack of 2

Mount	Length mm	Part number
B 12	125	6 33 05 009 01 3



Depth stop

Part number

3 21 27 005 00 6



Cutting paste
Lubricating agents for working on sheet metals.

Part number

3 21 32 020 12 9

ACCESSORIES FOR GWP 10



Suspension Device
for hooking onto a balancer horizontal and vertical

Part number

3 21 25 050 00 7

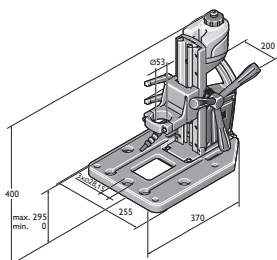
DRILL JIGS/ MAGNETIC DRILL JIGS



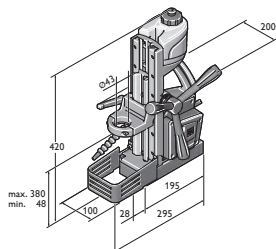
IBS 16	MBS 16 X	MBS 25 F	MBS 32 F
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Industrial drill jig for drills with drilling capacity of up to 16 mm.	Flexible magnetic drill jig for rotary drills with up to 16 mm drill capacity.	Flexible magnetic drill jig with fine adjustment for rotary drills with up to 23 mm drill capacity.	Flexible magnetic drill jig with fine adjustment for rotary drills with up to 32 mm drill capacity.
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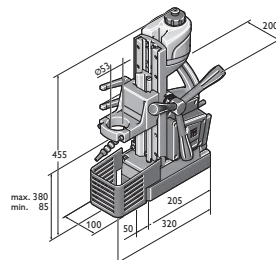
	Page	183	184	184	185	
Technical data	Input	W		100	100	130
	Socket max.	A		16	16	16
	For collar Ø	mm	53	43	53	63
	Twist drill max. Ø	mm	16	16	25	32
	Tapping		M 12	M 12	M 20	M 24
	Countersinking max. Ø	mm	50	50	50	60
	Reaming max. Ø	mm	16	16	25	40
	Stroke	mm	145	145	145	178
	Total stroke range	mm	295	325	290	365
	Adjustment range for drill jigs	mm			6	10
	Swivel range for drill jigs				7°	350°
	Magnetic holding power	N		12 500	14 000	18 000
	Magnetic foot dimensions	mm		195 x 90	205 x 95	220 x 100
	Cable with plug	m		4	4	4
	Weight according to EPTA	kg	8,00	9,50	12,50	21,80



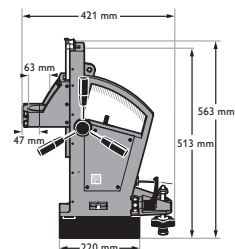
IBS 16
182



MBS 16 X



MBS 25 F



MBS 32 F

DRILL JIGS/MAGNETIC DRILL JIGS



For drills with collars
Work flexibly with the compact magnetic drill jig: ideal for drilling, tap drilling, reaming or countersinking.



Very large drilling tools
Thanks to the double drill motor guide, you can drill with precision even with very large workpieces.

IBS 16

Industrial drill jig for drills with drilling capacity of up to 16 mm.



For accessories, see page 185

Supplied

1 coolant tank, 1 flex-jointed hose,
1 reducing ring, diameter 43 mm

For collar Ø	mm	53
Twist drill max. Ø	mm	16
Tapping		M 12
Countersinking max. Ø	mm	50
Reaming max. Ø	mm	16
Stroke	mm	145
Total stroke range	mm	295
Weight according to EPTA	kg	8,00

Part number	9 03 20
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BENEFITS OF USE

- ▶ Lightweight, compact industrial drill jig with aluminium base plate for universal use, including drilling, tapping, reaming and countersinking.
- ▶ Double drill motor guide for use with very large drilling tools.
- ▶ Base plate with hole pattern for Demmeler and Siegmund System 28 welding tables.

PRODUCT FEATURES

- ▶ Integrated coolant tank with flexible jointed hose.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Carriage height adjustable without tools.

MBS 16 X



For accessories, see page 185

Supplied

1 coolant tank, 1 lashing strap, 1 contact guard

Flexible magnetic drill jig for rotary drills with up to 16 mm drill capacity.

Input	W	100
Socket max.	A	16
For collar Ø	mm	43
Twist drill max. Ø	mm	16
Tapping		M 12
Countersinking max. Ø	mm	50
Reaming max. Ø	mm	16
Stroke	mm	145
Total stroke range	mm	325
Magnetic holding power	N	12 500
Magnetic foot dimensions	mm	195 x 90
Cable with plug	m	4
Weight according to EPTA	kg	9,50

Part number	9 03 18
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BENEFITS OF USE

- ▶ Lightweight, compact magnetic drill jig for universal use, including drilling, tapping, reaming and countersinking.
- ▶ Double drill motor guide for use with very large drilling tools.
- ▶ High magnetic holding power and safety circuit guarantee safe working in any position.

PRODUCT FEATURES

- ▶ Integrated coolant tank with flexible jointed hose.
- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Carriage height adjustable without tools.

MBS 25 F



For accessories, see page 185

Supplied

1 coolant tank, 1 lashing strap, 1 contact guard, 1 reducing ring, diameter 43 mm

Flexible magnetic drill jig with fine adjustment for rotary drills with up to 23 mm drill capacity.

Input	W	100
Socket max.	A	16
For collar Ø	mm	53
Twist drill max. Ø	mm	25
Tapping		M 20
Countersinking max. Ø	mm	50
Reaming max. Ø	mm	25
Stroke	mm	145
Total stroke range	mm	290
Adjustment range for drill jigs	mm	6
Swivel range for drill jigs		7°
Magnetic holding power	N	14 000
Magnetic foot dimensions	mm	205 x 95
Cable with plug	m	4
Weight according to EPTA	kg	12,50

Part number	9 03 19
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BENEFITS OF USE

- ▶ Universal suitability for drilling, tapping, reaming and countersinking.
- ▶ Fine adjustment of the drill spindle for convenient tool alignment.
- ▶ Double drill motor guide for use with very large drilling tools.

PRODUCT FEATURES

- ▶ Feed handwheel can be moved from one side to the other.
- ▶ Integrated coolant tank with flexible jointed hose.
- ▶ High magnetic holding force.
- ▶ Carriage height adjustable without tools.



MBS 32 F

Flexible magnetic drill jig with fine adjustment for rotary drills with up to 32 mm drill capacity.



For accessories, see page 185

Supplied

1 clamping strap, 1 swarf hook, 1 swarf guard, 2 keys

Input	W	130
Socket max.	A	16
For collar Ø	mm	63
Twist drill max. Ø	mm	32
Tapping		M 24
Countersinking max. Ø	mm	60
Reaming max. Ø	mm	40
Stroke	mm	178
Total stroke range	mm	365
Adjustment range for drill jigs	mm	10
Swivel range for drill jigs		350°
Magnetic holding power	N	18 000
Magnetic foot dimensions	mm	220 x 100
Cable with plug	m	4
Weight according to EPTA	kg	21,80

Part number **9 03 16**

BENEFITS OF USE

- ▶ Universal suitability for drilling, tapping, reaming and countersinking.
- ▶ Fine adjustment of drill spindle for easy alignment of machine without constantly removing and refitting the magnet.
- ▶ High magnetic holding power and safety circuit guarantee safe working in any position.

PRODUCT FEATURES

- ▶ Infinitely variable stroke range setting.
- ▶ Compact design.
- ▶ Optimum power-to-weight ratio.
- ▶ Robust and accurate dual dove-tail guide
- ▶ Universal use for drive machines with clamping collar.

DRILL JIGS/MAGNETIC DRILL JIGS

ACCESSORIES FOR IBS 16



Reducing rings
for attaching machines with collar
Ø 43 mm
FEIN BOS, KBH

Ø mm	Part number
53 / 43	3 26 23 014 01 0

Prism vice

Part number
9 07 01 002 01 0

Vice installation kit

Part number
6 41 31 019 01 0

Adapter plate for magnetic core drills

Part number
3 24 22 326 01 0

ACCESSORIES FOR MBS 16 X



Reducing rings
for attaching machines with collar
Ø 33 mm.

Ø mm	Part number
43 / 33	3 26 23 012 01 9



Reducing rings
for attaching machines with collar
Ø 38 mm

Ø mm	Part number
43 / 38	3 26 23 013 00 4

ACCESSORIES FOR MBS 25 F



Reducing rings
for attaching machines with collar
Ø 38 mm

Ø mm	Part number
53 / 38	3 26 23 010 00 8



Reducing rings
for attaching machines with collar
Ø 43 mm

Ø mm	Part number
53 / 43	3 26 23 009 00 6



Reducing rings
for attaching machines with collar
Ø 43 mm
FEIN BOS, KBH

Ø mm	Part number
53 / 43	3 26 23 014 01 0

ACCESSORIES FOR MBS 16 X, MBS 25 F, MBS 32 F



Suction plate
for anti-magnetic materials,
250 x 330 x 110 mm

Part number
9 26 02 054 01 6



Vacuum plate
for anti-magnetic materials
and structured bases (corrugated
sheet, stud plate etc.)
Vacuum plate 396 x 200 x 95 mm

Part number
9 26 02 057 01 7



Pipe drilling device
incl. clamping strap, for positioning
bores on pipes with pipe Ø of 60
to 300 mm, 220 x 130 mm.

Part number
9 26 02 055 01 0



Vacuum pump
Suction rate 0,015 m³/min,
-0,8 bar, 92 W, weight 2,5 kg
including suction hose

Part number
9 26 01 022 01 3

DRILL/DRIVER



ASCM 18 QM

4-speed cordless drill/driver with brushless motor and QuickIN MAX interface. No compromise on performance for drilling and tapping up to 12 mm and drilling with carbide hole saws.

ASCM 12 QC

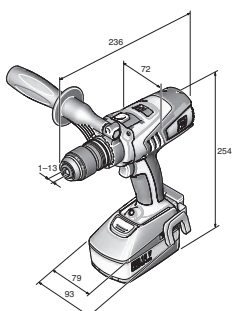
4-speed cordless drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling and tapping up to 8 mm and screw-driving.

ABS 18 QC

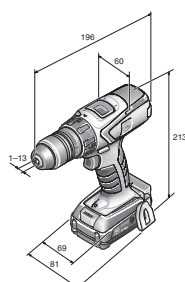
2-speed cordless drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling and tapping up to 10 mm.

	Page	188	190	192	
Equip- ment	Removable drill chuck	●	●	●	
	Electronic torque shut-off	●			
Technical data	Battery voltage	V	18	12	18
	Battery capacity	Ah	5	2.5	2.5
	Battery compatibility		Li-ion/HighPower Li-ion	Li-ion	Li-ion/HighPower Li-ion
	Battery interface		18 V	12 V	MultiVolt
	Motor		brushless	brushless	brushless
	Gearbox		4-speed	4-speed	2-speed
	Accessory interface		QuickIN MAX	QuickIN	QuickIN
	Speed, no load	rpm	400 / 800 / 1,950 / 3,850	400 / 700 / 1,400 / 2,500	450 / 2,000
	Impacts	rpm			
	Max. torque (hard/soft)	Nm	90 / 45	40 / 20	60 / 32
	Torque levels		15 + 1	20 + 1	22 + 1
	Drill chuck clamping width	mm	1.5 - 13	1.5 - 13	1.5 - 13
	Fastening	mm	10 x 400	8 x 200	8 x 300
	Tool Holder				
	Capacity in steel Ø	mm	25	13	13
	Capacity in wood Ø	mm	50	40	50
	Capacity in stone Ø	mm			
Tapping		M 12	M 8	M 10	
Weight with battery	kg	2.20	1.30	1.70	
Weight without storage battery	kg	1.50	1.10	1.30	

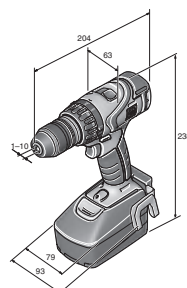
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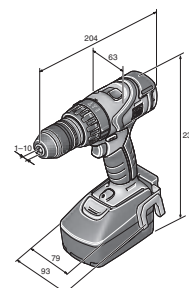
ASCM 18 QM
186



ASCM 12 QC



ABS 18 QC



ASB 18 QC



ASB 18 QC

2-speed cordless hammer drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling up to 10 mm in metal, stone and masonry.

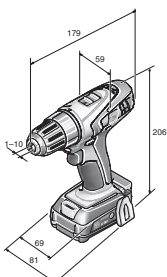
ABSU 12 C

2-speed cordless drill/driver with solid metal drill chuck. Perfect for universal drilling and screwdriving up to 6 mm.

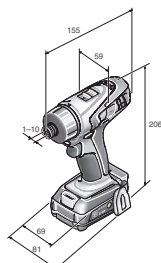
ABSU 12 W4C

2-speed cordless drill/driver with 1/4" tool mounting. Powerful torque for screw connections up to 6 x 200 mm.

	194	195	196
	18	12	12
	2.5	2.5	2.5
	Li-ion / HighPower Li-ion	Li-ion	Li-ion
	MultiVolt	12 V	12 V
	brushless	2-pole DC	2-pole DC
	2-speed	2-speed	2-speed
	QuickIN		
	450 / 2,000	400 / 1,300	400 / 1,300
	7,360 / 32,000		
	60 / 32	20 / 14	20 / 14
	22 + 1	17 + 1	17 + 1
	1.5 - 13	1 - 10	
	8 x 300	6 x 200	6 x 200
			1/4 " hexagonal holder
	13	10	
	50	30	
	13		
	M 10	M 6	
	1.80	1.20	1.10
	1.30	1.00	0.80



ABSU 12 C



ABSU 12 W4C

4-SPEED CORDLESS DRILL/DRIVER



Long service life

The outstanding service lives of the brushless FEIN PowerDrive motors are impressive. 30 % more efficiency preserves the battery and ensures a longer battery life.



Fast accessory changes

Quickly change between drilling, tap drilling and screw-driving applications with the FEIN QuickIN interface and appropriate accessories, enabling you to complete your work more quickly and with greater precision.



4-speed gearbox

The 4-speed gearbox delivers optimum cutting speeds for precise drilling results and extends the service life of your drill at the same time.

ASCM 18 QM



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 handle, 1 plastic carrying case

4-speed cordless drill/driver with brushless motor and QuickIN MAX interface. No compromise on performance for drilling and tapping up to 12 mm and drilling with carbide hole saws.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		18 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN MAX
Speed, no load	rpm	400 / 800 / 1 950 / 3 850
Max. torque (hard/soft)	Nm	90 / 45
Torque levels		15 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	10 x 400
Capacity in steel Ø	mm	25
Capacity in wood Ø	mm	50
Tapping		M 12
Weight with battery	kg	2,20
Weight without storage battery	kg	1,50

Part number 7 116 11 61

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.
- ▶ 4-speed solid metal gearbox. Optimum cutting speeds for drilling in metal and self-drilling screwdriving.
- ▶ QuickIN MAX accessory interface for all QuickIN and QuickIN MAX accessories. Quick change between applications.

PRODUCT FEATURES

- ▶ High torques up to 90 Nm.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ In speed 4, optimum speeds (3850 rpm) for small diameters.
- ▶ In speed 3, optimum speeds (1950 rpm) for 8 mm diameters.
- ▶ Speed 1 for powerful thread cutting.
- ▶ Electronic torque setting.
- ▶ Fixes 10 x 400 mm screws without pre-drilling.
- ▶ 2200 screw connections (5 x 40 mm) with one battery charge (5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



ASCM 18 QM SELECT



For accessories, see page 198

Supplied

1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 handle, 1 plastic carrying case

4-speed cordless drill/driver with brushless motor and QuickIN MAX interface. No compromise on performance for drilling and tapping up to 12 mm and drilling with carbide hole saws.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		18 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN MAX
Speed, no load	rpm	400 / 800 / 1 950 / 3 850
Max. torque (hard/soft)	Nm	90 / 45
Torque levels		15 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	10 x 400
Capacity in steel Ø	mm	25
Capacity in wood Ø	mm	50
Tapping		M 12
Weight without storage battery	kg	1,50

Part number 7 116 11 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.
- ▶ 4-speed solid metal gearbox. Optimum cutting speeds for drilling in metal and self-drilling screwdriving.
- ▶ QuickIN MAX accessory interface for all QuickIN and QuickIN MAX accessories. Quick change between applications.

PRODUCT FEATURES

- ▶ High torques up to 90 Nm.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ In speed 4, optimum speeds (3850 rpm) for small diameters.
- ▶ In speed 3, optimum speeds (1950 rpm) for 8 mm diameters.
- ▶ Speed 1 for powerful thread cutting.
- ▶ Electronic torque setting.
- ▶ Fixes 10 x 400 mm screws without pre-drilling.
- ▶ 2200 screw connections (5 x 40 mm) with one battery charge (5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

PROFESSIONAL SET FOR ASCM 18 QM TAPPING



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 handle, 1 plastic carrying case, 1 QuickIN bit holder (1/4"), 1 QuickIN tapping adapter with 2 collets, 1 QuickIN socket adapter (1/2")

4-speed cordless drill/driver with brushless motor, QuickIN MAX interface and extensive accessories for drilling, tapping and screwdriving in metal.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		18 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN MAX
Speed, no load	rpm	400 / 800 / 1 950 / 3 850
Max. torque (hard/soft)	Nm	90 / 45
Torque levels		15 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	10 x 400
Capacity in steel Ø	mm	25
Capacity in wood Ø	mm	50
Tapping		M 12
Weight with battery	kg	2,20
Weight without storage battery	kg	1,50

Part number 7 116 11 63

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life.
- ▶ 4-speed solid metal gearbox. Optimum cutting speeds for drilling in metal and self-drilling screwdriving.
- ▶ QuickIN MAX accessory interface for all QuickIN and QuickIN MAX accessories. Quick change between applications.

PRODUCT FEATURES

- ▶ High torques up to 90 Nm.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ In speed 4, optimum speeds (3850 rpm) for small diameters.
- ▶ In speed 3, optimum speeds (1950 rpm) for 8 mm diameters.
- ▶ Speed 1 for powerful thread cutting.
- ▶ Electronic torque setting.
- ▶ Fixes 10 x 400 mm screws without pre-drilling.
- ▶ 2200 screw connections (5 x 40 mm) with one battery charge (5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ Including QuickIN bit holder (1/4") with convenient one-handed operation and powerful neodymium magnet.
- ▶ Including QuickIN tapping adapter with 2 collets for shank diameter of 4.5 mm and 6 mm to cut thread sizes M4 / M5 / M6 / M8.
- ▶ Including QuickIN socket adapter to hold sockets with 1/2" square holder.

ASCM 12 QC



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (60 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case

4-speed cordless drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling and tapping up to 8 mm and screwdriving.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN
Speed, no load	rpm	400 / 700 / 1 400 / 2 500
Max. torque (hard/soft)	Nm	40 / 20
Torque levels		20 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 200
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	40
Tapping		M 8
Weight with battery	kg	1,30
Weight without storage battery	kg	1,10

Part number 7 116 10 61

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ 4-speed solid metal gearbox. Optimum cutting speeds for drilling in metal and self-drilling screwdriving.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.

PRODUCT FEATURES

- ▶ High torques up to 40 Nm.
- ▶ Including small QuickIN solid metal drill chuck (60 Nm) with high concentricity.
- ▶ In speed 4, optimum speeds (2500 rpm) for diameters of up to 6 mm.
- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ 400 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCM 12 Q SELECT



For accessories, see page 198

Supplied

1 QuickIN drill chuck (60 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case

4-speed cordless drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling and tapping up to 8 mm and screwdriving.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN
Speed, no load	rpm	400 / 700 / 1 400 / 2 500
Max. torque (hard/soft)	Nm	40 / 20
Torque levels		20 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 200
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	40
Tapping		M 8
Weight without storage battery	kg	1,10

Part number 7 116 10 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ 4-speed solid metal gearbox. Optimum cutting speeds for drilling in metal and self-drilling screwdriving.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.

PRODUCT FEATURES

- ▶ High torques up to 40 Nm.
- ▶ Including small QuickIN solid metal drill chuck (60 Nm) with high concentricity.
- ▶ In speed 4, optimum speeds (2500 rpm) for diameters of up to 6 mm.
- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ 400 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



PROFESSIONAL SET FOR ASCM 12 QC TAPPING



For accessories, see page 198

Supplied

1 cordless drill/driver, 2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (60 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case, 1 QuickIN bit holder (1/4"), 1 QuickIN tapping adapter with 2 collets, 1 QuickIN socket adapter (1/2")

4-speed cordless drill/driver with brushless motor, QuickIN interface and extensive accessories for drilling, tapping and screwdriving in metal.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN
Speed, no load	rpm	400 / 700 / 1 400 / 2 500
Max. torque (hard/soft)	Nm	40 / 20
Torque levels		20 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 200
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	40
Tapping		M 8
Weight with battery	kg	1,30
Weight without storage battery	kg	1,10

Part number **7 116 10 62**

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ 4-speed solid metal gearbox. Optimum cutting speeds for drilling in metal and self-drilling screwdriving.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.

PRODUCT FEATURES

- ▶ High torques up to 40 Nm.
- ▶ Including small QuickIN solid metal drill chuck (60 Nm) with high concentricity.
- ▶ In speed 4, optimum speeds (2500 rpm) for diameters of up to 6 mm.
- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ 400 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ Including QuickIN bit holder (1/4") with convenient one-handed operation and powerful neodymium magnet.
- ▶ Including QuickIN tapping adapter with 2 collets for shank diameter of 4.5 mm and 6 mm to cut thread sizes M4 / M5 / M6 / M8.
- ▶ Including QuickIN socket adapter to hold sockets with 1/2" square holder.

2-SPEED CORDLESS (IMPACT) DRILL/DRIVER



Long service life

The outstanding service lives of the brushless FEIN PowerDrive motors are impressive. 30 % more efficiency preserves the battery and ensures a longer battery life.



Fast accessory changes

Quickly change between drilling, tap drilling and screw-driving applications with the FEIN QuickIN interface and appropriate accessories, enabling you to complete your work more quickly and with greater precision.



Flexible and simple

Flexible and simple: Power tools with MultiVolt interface can be operated with all FEIN Li-ion batteries of 12 to 18 V.

ABS 18 QC

2-speed cordless drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling and tapping up to 10 mm.



For accessories, see page 198

Supplied

1 cordless drill/driver, 2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case

Battery voltage	V	18
Battery capacity	Ah	2,5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
Speed, no load	rpm	450 / 2 000
Max. torque (hard/soft)	Nm	60 / 32
Torque levels		22 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 300
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	50
Tapping		M 10
Weight with battery	kg	1,70
Weight without storage battery	kg	1,30

Part number	7 113 22 62
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BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.
- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).

PRODUCT FEATURES

- ▶ 2-speed solid metal gearbox for drilling in metal and self-drilling screwdriving.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ Mechanical torque setting.
- ▶ Compact design.
- ▶ 750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



ABS 18 Q SELECT

FEIN SELECT⁺



For accessories, see page 198

Supplied

1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling and tapping up to 10 mm.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
Speed, no load	rpm	450 / 2 000
Max. torque (hard/soft)	Nm	60 / 32
Torque levels		22 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 300
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	50
Tapping		M 10
Weight without storage battery	kg	1,30

Part number 7 113 22 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.
- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).

PRODUCT FEATURES

- ▶ 2-speed solid metal gearbox for drilling in metal and self-drilling screwdriving.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ Mechanical torque setting.
- ▶ Compact design.
- ▶ 750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

PROFESSIONAL SET FOR ABS 18 QC TAPPING



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case, 1 QuickIN bit holder (1/4"), 1 QuickIN tapping adapter with 2 collets, 1 QuickIN socket adapter (1/2")

2-speed cordless drill/driver with brushless motor, QuickIN interface and extensive accessories for drilling, tapping and screwdriving in metal.

Battery voltage	V	18
Battery capacity	Ah	2,5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
Speed, no load	rpm	450 / 2 000
Max. torque (hard/soft)	Nm	60 / 32
Torque levels		22 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 300
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	50
Tapping		M 10
Weight with battery	kg	1,70
Weight without storage battery	kg	1,30

Part number 7 113 22 63

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.
- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).

PRODUCT FEATURES

- ▶ 2-speed solid metal gearbox for drilling in metal and self-drilling screwdriving.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ Mechanical torque setting.
- ▶ Compact design.
- ▶ 750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ Including QuickIN bit holder (1/4") with convenient one-handed operation and powerful neodymium magnet.
- ▶ Including QuickIN tapping adapter with 2 collets for shank diameter of 4.5 mm and 6 mm to cut thread sizes M4 / M5 / M6 / M8.
- ▶ Including QuickIN socket adapter to hold sockets with 1/2" square holder.

ASB 18 QC



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless hammer drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling up to 10 mm in metal, stone and masonry.

Battery voltage	V	18
Battery capacity	Ah	2,5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
Speed, no load	rpm	450 / 2 000
Impacts	rpm	7 360 / 32 000
Max. torque (hard/soft)	Nm	60 / 32
Torque levels		22 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 300
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	50
Capacity in stone Ø	mm	13
Tapping		M 10
Weight with battery	kg	1,80
Weight without storage battery	kg	1,30

Part number 7 113 23 62

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.
- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).

PRODUCT FEATURES

- ▶ 2-speed solid metal gearbox with switchable striking mechanism for drilling in metal, stone and masonry.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ Mechanical torque setting.
- ▶ Compact design.
- ▶ 750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASB 18 Q SELECT

FEIN SELECT⁺



For accessories, see page 198

Supplied

1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless hammer drill/driver with brushless motor and QuickIN interface. Perfectly suited to drilling up to 10 mm in metal, stone and masonry.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
Speed, no load	rpm	450 / 2 000
Impacts	rpm	7 360 / 32 000
Max. torque (hard/soft)	Nm	60 / 32
Torque levels		22 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 300
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	50
Capacity in stone Ø	mm	13
Tapping		M 10
Weight without storage battery	kg	1,30

Part number 7 113 23 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.
- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).

PRODUCT FEATURES

- ▶ 2-speed solid metal gearbox with switchable striking mechanism for drilling in metal, stone and masonry.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ Mechanical torque setting.
- ▶ Compact design.
- ▶ 750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



PROFESSIONAL SET FOR ASB 18 QC TAPPING



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit holder, 1 plastic carrying case, 1 QuickIN bit holder (1/4"), 1 QuickIN tapping adapter with 2 collets, 1 QuickIN socket adapter (1/2")

2-speed cordless hammer drill/driver with brushless motor, QuickIN interface and extensive accessories for drilling, tapping and screwdriving in metal.

Battery voltage	V	18
Battery capacity	Ah	2,5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
Speed, no load	rpm	450 / 2 000
Impacts	rpm	7 360 / 32 000
Max. torque (hard/soft)	Nm	60 / 32
Torque levels		22 + 1
Drill chuck clamping width	mm	1,5 - 13
Fastening	mm	8 x 300
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	50
Capacity in stone Ø	mm	13
Tapping		M 10
Weight with battery	kg	1,80
Weight without storage battery	kg	1,30

Part number 7 113 23 63

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ QuickIN accessory interface for all QuickIN accessories. Quick change between applications.
- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).

PRODUCT FEATURES

- ▶ 2-speed solid metal gearbox with switchable striking mechanism for drilling in metal, stone and masonry.
- ▶ Including QuickIN solid metal drill chuck (120 Nm) with carbide-tipped clamping jaws and high clamping forces.
- ▶ Mechanical torque setting.
- ▶ Compact design.
- ▶ 750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ Including QuickIN bit holder (1/4") with convenient one-handed operation and powerful neodymium magnet.
- ▶ Including QuickIN tapping adapter with 2 collets for shank diameter of 4.5 mm and 6 mm to cut thread sizes M4 / M5 / M6 / M8.
- ▶ Including QuickIN socket adapter to hold sockets with 1/2" square holder.

ABSU 12 C



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless drill/driver with solid metal drill chuck. Perfect for universal drilling and screwdriving up to 6 mm.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole DC
Gearbox		2-speed
Speed, no load	rpm	400 / 1 300
Max. torque (hard/soft)	Nm	20 / 14
Torque levels		17 + 1
Drill chuck clamping width	mm	1 - 10
Fastening	mm	6 x 200
Capacity in steel Ø	mm	10
Capacity in wood Ø	mm	30
Tapping		M 6
Weight with battery	kg	1,20
Weight without storage battery	kg	1,00

Part number 7 113 20 61

BENEFITS OF USE

- ▶ Powerful and long-life DC motor with overheating and overload protection.
- ▶ 2-speed solid metal gearbox for universal drilling and screwdriving.
- ▶ Robust solid metal drill chuck with chucking force safety device.

PRODUCT FEATURES

- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Compact design.
- ▶ 350 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ABSU 12 SELECT

FEIN SELECT⁺



For accessories, see page 198

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless drill/driver with solid metal drill chuck. Perfect for universal drilling and screwdriving up to 6 mm.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole DC
Gearbox		2-speed
Speed, no load	rpm	400 / 1 300
Max. torque (hard/soft)	Nm	20 / 14
Torque levels		17 + 1
Drill chuck clamping width	mm	1 - 10
Fastening	mm	6 x 200
Capacity in steel Ø	mm	10
Capacity in wood Ø	mm	30
Tapping		M 6
Weight without storage battery	kg	1,00

Part number 7 113 20 64

BENEFITS OF USE

- ▶ Powerful and long-life DC motor with overheating and overload protection.
- ▶ 2-speed solid metal gearbox for universal drilling and screwdriving.
- ▶ Robust solid metal drill chuck with chucking force safety device.

PRODUCT FEATURES

- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Compact design.
- ▶ 350 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ABSU 12 W4C



For accessories, see page 198

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless drill/driver with 1/4" tool mounting. Powerful torque for screw connections up to 6 x 200 mm.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole DC
Gearbox		2-speed
Speed, no load	rpm	400 / 1 300
Max. torque (hard/soft)	Nm	20 / 14
Torque levels		17 + 1
Fastening	mm	6 x 200
Tool Holder		1/4" hexagonal holder
Weight with battery	kg	1,10
Weight without storage battery	kg	0,80

Part number 7 113 21 61

BENEFITS OF USE

- ▶ Powerful and long-life DC motor with overheating and overload protection.
- ▶ 2-speed solid metal gearbox for universal screwdriving.
- ▶ Short and light thanks to 1/4" tool mounting and the fact that there is no drill chuck.

PRODUCT FEATURES

- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Very short design of 155 mm.
- ▶ 350 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



ABSU 12 W4 SELECT

FEIN SELECT⁺



For accessories, see page 198

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

2-speed cordless drill/driver with 1/4" tool mounting. Powerful torque for screw connections up to 6 x 200 mm.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole DC
Gearbox		2-speed
Speed, no load	rpm	400 / 1 300
Max. torque (hard/soft)	Nm	20 / 14
Torque levels		17 + 1
Fastening	mm	6 x 200
Tool Holder		1/4" hexagonal holder
Weight without storage battery	kg	0,80

Part number 7 113 21 64

BENEFITS OF USE

- ▶ Powerful and long-life DC motor with overheating and overload protection.
- ▶ 2-speed solid metal gearbox for universal screwdriving.
- ▶ Short and light thanks to 1/4" tool mounting and the fact that there is no drill chuck.

PRODUCT FEATURES

- ▶ Mechanical torque setting.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Very short design of 155 mm.
- ▶ 350 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp
Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number
9 26 04 200 02 0



Tool case
Plastic, inner dimensions: 470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Tool case
Suitable for ABSU 12, ASCD 12, ASCM 12

Part number
3 39 01 160 01 0



Plastic box
Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number
3 39 01 119 00 0



Quick charger ALG 50
For all FEIN Li-ion batteries. Charge time from 35 min.

Part number
9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number
9 26 04 096 01 0



Tool holder 1/4" external hexagon
1/4" Drive-Hex Socket with quick-change chuck

∅ mm	L mm	Part number
15	51	6 05 10 011 00 9

18 V BATTERY



Battery pack
Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set
2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0

12 V BATTERY



Battery pack
Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 12 V cordless tools and 18 V cordless tools with MultiVolt interface.

Capacity Ah	Part number
2,5	9 26 04 168 02 0



Battery starter set
2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
2,5	9 26 04 250 01 0

OTHER ACCESSORIES



Drill chuck
Small solid metal drill chuck from Röhm, maximum torque 60 Nm. Compatible with all FEIN cordless drill/drivers with QuickIN/QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 32 08 002 01 0



Drill chuck
Solid metal drill chuck from Röhm with carbide-tipped clamping jaws and high clamping forces. Screwdriver bit may remain in the drive shaft, the drill chuck moves above the bit. Maximum torque 120 Nm. Compatible with all FEIN cordless drill/drivers with QuickIN/QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 32 08 005 01 0



Drill chuck
Solid metal drill chuck from Röhm with flat jaws and automatic re-tensioning. Prevents twist drills and threading drills from slipping. Clamping range of 1.5 - 13 mm. High concentricity of up to 0.35 mm for precise working. Compatible with all FEIN cordless drill/drivers with QuickIN / QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 42 03 006 01 0



Bit holder
1/4" hexagon socket bit holder with convenient one-handed operation and powerful neodymium magnet. Use of the bit holder makes the screwdriver lighter and shorter. Compatible with all FEIN cordless drill/drivers with QuickIN / QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 05 10 222 01 0



Socket adapter
Socket adapter to hold sockets with 1/2" square holder. Compatible with all FEIN cordless drill/drivers with QuickIN/QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 42 03 002 01 0



Tapping adapter
Tapping adapter with 2 collets for shank diameter of 4.5 mm and 6 mm to cut thread sizes M4 / M5 / M6 / M8. Reliable thread drill hold on the square, preventing slipping. Compatible with all FEIN cordless drill/drivers with QuickIN/QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 42 03 003 01 0



Tapping adapter
Reliable thread drill hold on the square, preventing slipping. Compatible with all FEIN collets and all FEIN cordless drill/drivers with QuickIN/QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 42 03 003 02 0



Collets
for collet chucks and floating collet chucks and tapping adapters. M2 (DIN 352, DIN 371), M4 (DIN 357, DIN 376)

∅ mm	Square mm	Part number
2,8	2,1	6 32 06 077 00 1



Collets

for collet chucks and floating collet chucks and tapping adapters. M3 (DIN 352, DIN 371), M5 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
3,5	2,7	6 32 06 064 00 1



Collets

for collet chucks and floating collet chucks and tapping adapters. M4 (DIN 352, DIN 371), M6 (DIN 357, DIN 376)

Ø mm	Square mm	Part number
4,5	3,4	6 32 06 065 00 5



Collets

for collet chucks and floating collet chucks and tapping adapters. M5 (DIN 352, DIN 371), M6 (DIN 352), M7 (DIN 352), M8 (DIN 352, DIN 357, DIN 376)

Ø mm	Square mm	Part number
6	4,9	6 32 06 066 00 8



Collets

for collet chucks and floating collet chucks and tapping adapters. M7 (DIN 371), M9 (DIN 352), M10 (DIN 352, DIN 357, DIN 376)

Ø mm	Square mm	Part number
7	5,5	6 32 06 070 00 6



Collets

for collet chucks and floating collet chucks and tapping adapters. M8 (DIN 371), M11 (DIN 352)

Ø mm	Square mm	Part number
8	6,2	6 32 06 078 00 9



Collets

for collet chucks and floating collet chucks and tapping adapters. M12 (DIN 357, DIN 371, DIN 376)

Ø mm	Square mm	Part number
9	7	6 32 06 075 00 4



Collets

for collet chucks and floating collet chucks and tapping adapters. M10 (DIN 371)

Ø mm	Square mm	Part number
10	8	6 32 06 079 00 3



Hole saw adapter

To drill large holes in metal. Suitable for all FEIN carbide hole saws and core drills with QuickIN PLUS holder. Perfectly suited to diameters of up to 40 mm. Supplied with centring bit, without hole saw. Compatible with all FEIN cordless drill/drivers with QuickIN / QuickIN MAX interface.

Accessory interface	Part number
QuickIN	6 42 03 007 01 0



Carbide hole saw with QuickIN PLUS holder

Carbide cutting tips for optimum service life for efficient drilling in sheet metal plate up to 4.0 mm thick. Metric dimensions, cutting depth 4 mm.

Bore Ø mm	Part number
14	6 31 31 014 01 0
15	6 31 31 015 01 0
16	6 31 31 016 01 0
17	6 31 31 017 01 0
18	6 31 31 018 01 0
19	6 31 31 019 01 0
20	6 31 31 020 01 0
21	6 31 31 021 01 0
22	6 31 31 022 01 0
23	6 31 31 023 01 0
24	6 31 31 024 01 0
25	6 31 31 025 01 0
26	6 31 31 026 01 0
27	6 31 31 027 01 0
28	6 31 31 028 01 0
29	6 31 31 029 01 0
30	6 31 31 030 01 0
31	6 31 31 031 01 0
32	6 31 31 032 01 0
33	6 31 31 033 01 0
34	6 31 31 034 01 0
35	6 31 31 035 01 0
36	6 31 31 036 01 0
37	6 31 31 037 01 0
38	6 31 31 038 01 0
39	6 31 31 039 01 0
40	6 31 31 040 01 0



Carbide hole saw for pipes with QuickIN PLUS holder

Carbide cutting tips for optimum service life for use with pipe material and curved surfaces with wall thicknesses of up to 4 mm. Metric dimensions, cutting depth 4 mm.

Bore Ø mm	Part number
21	6 31 31 421 01 0
22	6 31 31 422 01 0
23	6 31 31 423 01 0
24	6 31 31 424 01 0
25	6 31 31 425 01 0
26	6 31 31 426 01 0
27	6 31 31 427 01 0
28	6 31 31 428 01 0
29	6 31 31 429 01 0
30	6 31 31 430 01 0
31	6 31 31 431 01 0
32	6 31 31 432 01 0
33	6 31 31 433 01 0
34	6 31 31 434 01 0
35	6 31 31 435 01 0
36	6 31 31 436 01 0
37	6 31 31 437 01 0
38	6 31 31 438 01 0
39	6 31 31 439 01 0
40	6 31 31 440 01 0



Carbide core drill bit with QuickIN PLUS holder

Outstanding cutting performance in all common metals. Metric dimensions, cutting depth 20 mm, drilling diameter in steel up to 25 mm, drilling diameter in aluminium up to 30 mm.

Bore Ø mm	Part number
14	6 31 30 014 01 0
15	6 31 30 015 01 0
16	6 31 30 016 01 0
17	6 31 30 017 01 0
18	6 31 30 018 01 0
19	6 31 30 019 01 0
20	6 31 30 020 01 0
21	6 31 30 021 01 0
22	6 31 30 022 01 0
23	6 31 30 023 01 0
24	6 31 30 024 01 0
25	6 31 30 025 01 0
26	6 31 30 026 01 0
27	6 31 30 027 01 0
28	6 31 30 028 01 0
29	6 31 30 029 01 0
30	6 31 30 030 01 0



Carbide core drill bit with TiAlN coating and QuickIN PLUS holder

Maximum service life thanks to TiAlN coating. Outstanding cutting performance in all common metals, 20 % better work progress, reduced cutting and feed forces thanks to TiAlN coating. Metric dimensions, cutting depth 20 mm, drilling diameter in steel up to 25 mm, drilling diameter in aluminium up to 30 mm.

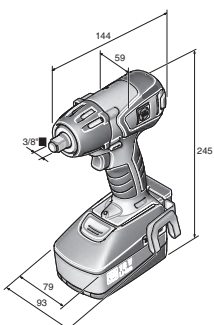
Bore Ø mm	Part number
14	6 31 30 114 01 0
15	6 31 30 115 01 0
16	6 31 30 116 01 0
17	6 31 30 117 01 0
18	6 31 30 118 01 0
19	6 31 30 119 01 0
20	6 31 30 120 01 0
21	6 31 30 121 01 0
22	6 31 30 122 01 0
23	6 31 30 123 01 0
24	6 31 30 124 01 0
25	6 31 30 125 01 0
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27	6 31 30 127 01 0
28	6 31 30 128 01 0
29	6 31 30 129 01 0
30	6 31 30 130 01 0

IMPACT WRENCHES

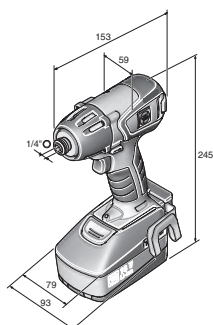


	ASCD 18-300 W2	ASCD 18-200 W4	ASCD 12-150 W8C	ASCD 12-150 W4C	ASCD 12-100 W4C
	Cordless impact wrench/driver with brushless motor and 6-stage torque setting. For metric screwdriving applications up to M18.	Impact wrench/driver with brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.	Cordless impact wrench/driver with brushless motor and 6-stage torque setting. For metric screwdriving applications up to M14.	Impact wrench/driver with brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.	Cordless impact wrench/driver with DC motor. For universal screw connections.

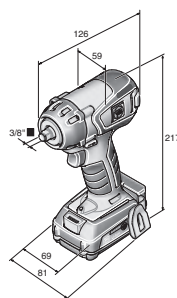
	Page	201	202	203	204	205
Battery voltage	V	18	18	12	12	12
Battery capacity	Ah	5	5	2.5	2.5	2.5
Battery compatibility		Li-ion/ HighPower Li-ion	Li-ion/ HighPower Li-ion	Li-ion	Li-ion	Li-ion
Battery interface		MultiVolt	MultiVolt	12 V	12 V	12 V
Motor		brushless	brushless	brushless	brushless	2-pole DC
Speed, no load	rpm	0 - 1 700	0 - 1 500	0 - 1 800	0 - 1 700	0 - 2 700
Impacts	rpm	0 - 3 400	0 - 3 000	0 - 3 600	0 - 3 400	0 - 3 450
Max. torque	Nm	290	210	135	135	100
Max. metric screw		M18 (8.8)		M14 (8.8)		
Torque levels		6	6	6	6	
Tool Holder		1/2" Outer square	1/4" hexagon socket	3/8" Outer square	1/4" hexagon socket	1/4" hexagon socket
Weight with battery	kg	1,70	1,70	1,10	1,10	1,10
Weight without storage battery	kg	1,00	1,00	0,85	0,85	0,90



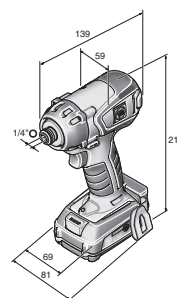
ASCD 18-300 W2
200



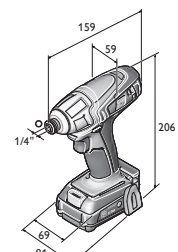
ASCD 18-200 W4



ASCD 12-150 W8C



ASCD 12-150 W4C



ASCD 12-100 W4C



CORDLESS IMPACT WRENCH/DRIVER



Long service life

The outstanding service lives of the brushless FEIN PowerDrive motors are impressive. 30 % more efficiency preserves the battery and ensures a longer battery life.



Adjustable torque – better control

With the adjustable impact wrench/drivers, you can select the right torque for every screw size and thereby prevent screw heads from being torn off.



10 % more torque in reverse running

To release extremely tight screws, the torque is increased by 10 % in reverse running.

ASCD 18-300 W2



For accessories, see page 206

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

Cordless impact wrench/driver with brushless motor and 6-stage torque setting. For metric screwdriving applications up to M18.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	0 - 1 700
Impacts	rpm	0 - 3 400
Max. torque	Nm	290
Torque levels		6
Tool Holder		1/2" Outer square
Max. metric screw		M18 (8.8)
Wood screw Ø	mm	8 x 300
Weight with battery	kg	1,70
Weight without storage battery	kg	1,00

Part number 7 115 06 61

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ 1/2" square for holding sockets.
- ▶ Robust solid metal impact gear.
- ▶ Metric screws up to M18 (8.8).
- ▶ Contact guard on gearbox head.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCD 18-300 W2 SELECT

FEIN SELECT⁺



For accessories, see page 206

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

Cordless impact wrench/driver with brushless motor and 6-stage torque setting. For metric screwdriving applications up to M18.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	0 - 1 700
Impacts	rpm	0 - 3 400
Max. torque	Nm	290
Torque levels		6
Tool Holder		1/2" Outer square
Max. metric screw		M18 (8.8)
Wood screw Ø	mm	8 x 300
Weight without storage battery	kg	1,00

Part number 7 115 06 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ 1/2" square for holding sockets.
- ▶ Robust solid metal impact gear.
- ▶ Metric screws up to M18 (8.8).
- ▶ Contact guard on gearbox head.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCD 18-200 W4



For accessories, see page 206

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

Impact wrench/driver with brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.

Battery voltage	V	18
Battery capacity	Ah	5
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	0 - 1 500
Impacts	rpm	0 - 3 000
Max. torque	Nm	210
Torque levels		6
Tool Holder		1/4" hexagon socket
Wood screw Ø	mm	8 x 200
Weight with battery	kg	1,70
Weight without storage battery	kg	1,00

Part number 7 115 07 61

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ 1/4" hexagon socket for holding bits and socket wrench inserts.
- ▶ Robust solid metal impact gear.
- ▶ Contact guard on gearbox head.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



ASCD 18-200 W4 SELECT

FEIN SELECT⁺



For accessories, see page 206

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

Impact wrench/driver with brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		MultiVolt
Motor		brushless
Speed, no load	rpm	0 - 1 500
Impacts	rpm	0 - 3 000
Max. torque	Nm	210
Torque levels		6
Tool Holder		1/4" hexagon socket
Wood screw Ø	mm	8 x 200
Weight without storage battery	kg	1,00

Part number 7 115 07 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ 1/4" hexagon socket for holding bits and socket wrench inserts.
- ▶ Robust solid metal impact gear.
- ▶ Contact guard on gearbox head.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCD 12-150 W8C



For accessories, see page 206

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

Cordless impact wrench/driver with brushless motor and 6-stage torque setting. For metric screwdriving applications up to M14.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Speed, no load	rpm	0 - 1 800
Impacts	rpm	0 - 3 600
Max. torque	Nm	135
Torque levels		6
Tool Holder		3/8" Outer square
Max. metric screw		M14 (8.8)
Wood screw Ø	mm	8 x 100
Weight with battery	kg	1,10
Weight without storage battery	kg	0,85

Part number 7 115 04 61

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ 3/8" square for holding sockets.
- ▶ Robust solid metal impact gear.
- ▶ Metric screws up to M14 (8.8).
- ▶ Contact guard on gearbox head.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCD 12-150 W8 SELECT

FEIN SELECT⁺



For accessories, see page 206

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

Cordless impact wrench/driver with brushless motor and 6-stage torque setting. For metric screwdriving applications up to M14.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Speed, no load	rpm	0 - 1 800
Impacts	rpm	0 - 3 600
Max. torque	Nm	135
Torque levels		6
Tool Holder		3/8" Outer square
Max. metric screw		M14 (8.8)
Wood screw Ø	mm	8 x 100
Weight without storage battery	kg	0,85

Part number 7 115 04 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ 3/8" square for holding sockets.
- ▶ Robust solid metal impact gear.
- ▶ Metric screws up to M14 (8.8).
- ▶ Contact guard on gearbox head.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCD 12-150 W4C



For accessories, see page 206

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

Impact wrench/driver with brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Speed, no load	rpm	0 - 1 700
Impacts	rpm	0 - 3 400
Max. torque	Nm	135
Torque levels		6
Tool Holder		1/4" hexagon socket
Wood screw Ø	mm	8 x 100
Weight with battery	kg	1,10
Weight without storage battery	kg	0,85

Part number 7 115 05 61

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ 1/4" hexagon socket for holding bits and socket wrench inserts.
- ▶ Robust solid metal impact gear.
- ▶ Contact guard on gearbox head.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.



ASCD 12-150 W4 SELECT

FEIN SELECT⁺



For accessories, see page 206

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

Impact wrench/driver with brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Speed, no load	rpm	0 - 1 700
Impacts	rpm	0 - 3 400
Max. torque	Nm	135
Torque levels		6
Tool Holder		1/4" hexagon socket
Wood screw Ø	mm	8 x 100
Weight without storage battery	kg	0,85

Part number 7 115 05 64

BENEFITS OF USE

- ▶ Brushless FEIN PowerDrive motor with 30 % higher efficiency and long service life.
- ▶ Electronic 6-stage torque setting prevents screw heads from being torn off.
- ▶ 10 % more torque in reverse running to loosen screws which are extremely tight.

PRODUCT FEATURES

- ▶ 1/4" hexagon socket for holding bits and socket wrench inserts.
- ▶ Robust solid metal impact gear.
- ▶ Contact guard on gearbox head.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ Compact design.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

ASCD 12-100 W4C



For accessories, see page 206

Supplied

2 battery packs (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit holder, 1 plastic carrying case

Cordless impact wrench/driver with DC motor. For universal screw connections.

Battery voltage	V	12
Battery capacity	Ah	2,5
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole DC
Speed, no load	rpm	0 - 2 700
Impacts	rpm	0 - 3 450
Max. torque	Nm	100
Tool Holder		1/4" hexagon socket
Wood screw Ø	mm	8 x 80
Weight with battery	kg	1,10
Weight without storage battery	kg	0,90

Part number 7 115 03 61

BENEFITS OF USE

- ▶ Powerful and long-life DC motor with overheating and overload protection.
- ▶ Up to 100 Nm torque - tightens screws of up to M12 with ease.
- ▶ 1/4" hexagon socket for holding bits and socket wrench inserts.

PRODUCT FEATURES

- ▶ Robust solid metal impact gear.
- ▶ Aluminium gearbox housing.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

IMPACT WRENCHES

ASCD 12-100 W4 SELECT

FEIN SELECT⁺



For accessories, see page 206

Supplied

1 belt clip, 1 bit holder, 1 plastic carrying case

Cordless impact wrench/driver with DC motor. For universal screw connections.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole DC
Speed, no load	rpm	0 - 2 700
Impacts	rpm	0 - 3 450
Max. torque	Nm	100
Tool Holder		1/4" hexagon socket
Wood screw Ø	mm	8 x 80
Weight without storage battery	kg	0,90

Part number	7 115 03 64
--------------------	--------------------

BENEFITS OF USE

- ▶ Powerful and long-life DC motor with overheating and overload protection.
- ▶ Up to 100 Nm torque - tightens screws of up to M12 with ease.
- ▶ 1/4" hexagon socket for holding bits and socket wrench inserts.

PRODUCT FEATURES

- ▶ Robust solid metal impact gear.
- ▶ Aluminium gearbox housing.
- ▶ Can be set down safely on the battery.
- ▶ Slim handle.
- ▶ One charger for all FEIN Li-ion batteries of all voltage classes.
- ▶ The battery charge can be read off the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.

IMPACT WRENCHES

GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp

Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number	9 26 04 200 02 0
-------------	------------------



Tool case

Plastic, inner dimensions: 470 x 275 x 116 mm

Part number	3 39 01 118 01 0
-------------	------------------



Tool case

Suitable for ABSU 12, ASCD 12, ASCM 12

Part number	3 39 01 160 01 0
-------------	------------------



Plastic box

Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number	3 39 01 119 00 0
-------------	------------------



Quick charger ALG 50

For all FEIN Li-ion batteries. Charge time from 35 min.

Part number	9 26 04 129 01 0
-------------	------------------



Quick charger ALG 30

For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number	9 26 04 096 01 0
-------------	------------------

18 V BATTERY



Battery pack

Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set

2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0

12 V BATTERY



Battery pack

Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 12 V cordless tools and 18 V cordless tools with MultiVolt interface.

Capacity Ah	Part number
2,5	9 26 04 168 02 0



Battery starter set

2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
2,5	9 26 04 250 01 0



METAL SCREW GUN



Reliable working

The FEIN metal screw gun allows you to process self-drilling screws, tap-drilling screws and wing teks with great precision. The depth stop allows even screws with sealing discs to be processed reliably and subsequent corrosion damage to be avoided.



Continually high output

Even in continuous operation, the FEIN ASCS delivers the power needed and the right speed. So you can screw directly into steel girders with ease.

ASCS 6.3 SELECT

Speed-optimised cordless drill/driver for screw connections in metal up to a diameter of 6.3 mm.



For accessories, see page 208

Supplied

1 hook, 1 depth stop, 1 insert for hexagon bolts SW 8, 1 plastic carrying case

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		18 V
Speed, full load	rpm	0 - 1 500
Speed, no load	rpm	0 - 1 700
Max. torque (hard/soft)	Nm	30 / 10
Screw Ø	mm	6,3
Rapid change chuck		1/4"
Weight without storage battery	kg	1,10

Part number 7 113 11 63

BENEFITS OF USE

- ▶ Powerful battery for more than 150 screw connections in 1.25 mm trapezoidal sheet metal on to 2 mm steel.
- ▶ Electronic torque shut-off for precise results even without a depth stop.
- ▶ Brushless FEIN PowerDrive motor, fully encapsulated and dust-protected with 30 % higher efficiency and long service life..

PRODUCT FEATURES

- ▶ Tested for more than 1 million screw connections.
- ▶ More than 1,000 charge cycles per battery pack.
- ▶ Extremely light weight.
- ▶ Optimum ergonomics with gun handle for high contact pressure.
- ▶ Powerful up to 30 Nm.

SCS 4.8-25



For accessories, see page 208

Supplied

1 depth stop, 1 magnetic holder for bits 1/4",
1 bit 1/4" for cross-slotted screws size 2 /
Phillips (form H) extra hard, 1 hand strap,
1 belt clip

One of the lightest self-drilling screwdriver in its class for roof and facade construction.

Input	W	450
Output	W	250
Speed, full load	rpm	0 - 2 000
Speed, no load	rpm	0 - 2 500
Max. torque (hard/soft)	Nm	16 / -
Screw Ø	mm	4,8
Rapid change chuck		1/4"
Cable with plug	m	5
Weight according to EPTA	kg	1,30

Part number	7 213 04
-------------	----------

BENEFITS OF USE

- ▶ Safe working with self-drilling and thread-moulding screws up to 4.8 mm with or without sealing disc. It is also suitable for wing screws.
- ▶ Lightweight drill/driver for fatigue-free working in roof and facade construction as well as heating, air conditioning and ventilation.
- ▶ Adjustable, power-sensitive FEIN universal clutch for optimum configuration of torque when working without depth stop.

PRODUCT FEATURES

- ▶ FEIN high-power motor.
- ▶ Practical hand strap.

METAL SCREW GUN

GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp

Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number	9 26 04 200 02 0
-------------	------------------



Tool case

Plastic, inner dimensions:
470 x 275 x 116 mm

Part number	3 39 01 118 01 0
-------------	------------------



Plastic box

Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number	3 39 01 119 00 0
-------------	------------------



Quick charger ALG 50

For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number	9 26 04 129 01 0
-------------	------------------



Quick charger ALG 30

For FEIN NiCd and Li-ion batteries.
Charge time from 25 min.

Part number	9 26 04 096 01 0
-------------	------------------



Tool holder 1/4" external hexagon

1/4" Drive-Hex Socket with quick-change chuck

Ø mm	L mm	Part number
15	51	6 05 10 011 00 9



Tool holder 1/4" external hexagon

1/4" Drive-Hex Socket with spring washer, magnetic

Ø mm	L mm	Part number
10,6	45	6 05 10 215 00 3

18 V BATTERY



Battery pack

Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set

2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0



ABH 18 SELECT

Extremely compact and powerful cordless rotary hammer drill with an impact energy of 2 J for drilling up to 20 mm in concrete.

FEIN SELECT⁺



For accessories, see page 209

Supplied

1 handle, 1 depth stop, 1 plastic carrying case

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		18 V
Motor		brushless
Speed, no load	rpm	0 - 1 200
Impacts	rpm	0 - 4 400
Impact energy	J	2,0
Tool Holder		SDS-plus
Hole diameter, concrete	mm	20
Hole diameter, masonry	mm	68
Capacity in steel Ø	mm	13
Capacity in wood Ø	mm	22
Weight without storage battery	kg	2,30

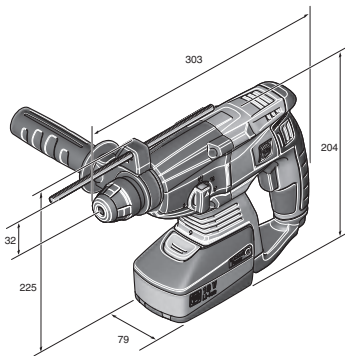
Part number	7 140 01 64
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BENEFITS OF USE

- ▶ Rapid work progress thanks to brushless motor with high impact energy.
- ▶ Fatigue-free working thanks to compact design and few vibrations.
- ▶ Protection for the user and tool by means of safety clutch and overload protection.

PRODUCT FEATURES

- ▶ Combination hammer with three functions: hammer drilling, drilling and chiselling.
- ▶ Brushless motor with 30 % higher efficiency and long service life.
- ▶ 80 holes (10x75 mm) with one battery charge (5 Ah).
- ▶ Producing 68 mm socket holes with drill bit in masonry.
- ▶ The optional drilling dust nozzle means that little dust is produced.
- ▶ Low-vibration working at just 12 m/s².
- ▶ FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge.
- ▶ 3-year FEIN PLUS warranty including battery and charger.
- ▶ The battery charge can be read off the battery.



ROTARY HAMMER DRILL

GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp

Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number	9 26 04 200 02 0
-------------	------------------



Quick charger ALG 50
For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number	9 26 04 129 01 0
-------------	------------------



Quick charger ALG 30
For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number	9 26 04 096 01 0
-------------	------------------



Drilling dust nozzle
Drilling dust nozzle for wet/dry dust extractor. For drilling in all standard wall and ceiling surfaces and producing little dust. For suction hose with 35 mm diameter.

Part number	9 26 02 101 01 0
-------------	------------------

18 V BATTERY



Battery pack

Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set

2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0



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CUTTING / SAWING

PIPES, SHEET METALS, METALS AND STAINLESS STEEL: CUT WITH A SUITABLE TOOL.

Corrugated sheet metals, trapezoid sheet metals, steel plates, profiles or pipes – with FEIN, you always have suitable cutting processes to hand. From the versatile sheet metal nibbler for precise cuts and robust jigsaws to pipe milling machines for pipelines with diameters of up to 3 metres.



SLITTING SHEARS



- ▶ Fast, precise cut.
- ▶ Cuts a spiral chip out of the sheet metal: so there are no chips on the workpiece.
- ▶ Reduced risk of injury and hardly any cleaning needed in the workshop.



SHEET METAL SHEARS



- ▶ Cuts directly through the material.
- ▶ No chip formation and no loss of material.
- ▶ Reduced risk of injury and hardly any cleaning needed in the workshop.



NIBBLERS



- ▶ Extremely agile.
- ▶ Perfect for cornered cuts: the cutting direction can be adjusted through 360 degrees in 45 degree steps without the need for tools.



JIGSAWS



- ▶ High performance and speed, especially when used in demanding metal work.
- ▶ Outstanding smooth-running and ease of use.



PIPE SAWS



- ▶ Cut pipes and profiles to length.
- ▶ Diameter of up to 440 mm.

▶ You can find information about pipe milling cutters for pipes with diameters of 250 - 3000 mm on page 238.



THE RIGHT SOLUTION FOR EVERY APPLICATION.

APPLICATION/ FUNCTIONALITY	SLITTING SHEARS	SHEET METAL SHEARS	NIBBLERS	JIGSAWS	PIPE JIGSAWS
Cut-offs	▲▲	▲▲	▲▲	▲▲	▲▲
Curved cuts	▲	▲	▲▲	▲▲	-
Cut-outs	▲▲	-	▲▲	▲▲	-
MATERIAL SHAPE					
Profiles	▲	-	▲	-	▲
Spiral seam pipes	▲▲	-	▲▲	-	▲▲
Single rolled sheets	▲▲	▲▲	▲▲	▲▲	-
Corrugated sheet metals	-	-	▲	-	-
Trapezoid sheet metals	-	-	▲▲	-	-
Pipes	-	-	-	-	▲▲
MATERIAL THICKNESS					
up to 5 mm	▲▲	▲▲	▲▲	-	-
up to 10 mm	-	-	-	▲▲	-
up to 440 mm Pipe diameter	-	-	-	-	▲▲
PAGE	214	218	222	231	234

▲▲ very suitable ▲ suitable

SLITTING SHEARS

FEIN SELECT⁺



ABSS 18 1.6 E SELECT

Easy-to-use, curve-compatible cordless slitting shears for distortion-free cuts and cut-outs in sheet metal up to 1.6 mm.

BSS 1.6 E

Easy-to-use and curve-compatible slitting shears for distortion-free cutting.

BSS 1.6 CE

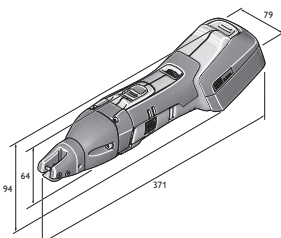
Easy-to-use and curve-compatible slitting shears with integrated chip clipper.

BSS 2.0 E

Powerful slitting shears for stainless steel processing, spiral seam pipes and profiles.

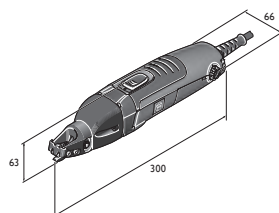
		215	216	216	216	
Applica- tion	Cuts	▲▲	▲▲	▲▲	▲▲	
	Curve cuts	▲	▲	▲		
	Cut-outs	▲▲	▲▲	▲▲		
Equip- ment	QuickIN	●				
	Chip clipper			●		
	FEIN high-power motor		●	●	●	
Technical data	Input	W	350	350	350	
	Battery voltage	V	18			
	Battery compatibility		Li-ion / HighPower Li-ion			
	Battery interface		MultiVolt			
	Strokes	rpm	2 200 - 3 500	2 100 - 4 500	2 100 - 4 500	1 300 - 2 600
	Cutting speed	m/min	5 - 8	6 - 10	6 - 10	2 - 4
	Steel up to 400 N/mm ²	mm	1,6	1,6	1,6	2,0
	Steel up to 600 N/mm ²	mm	1,2	1,2	1,2	1,5
	Steel up to 800 N/mm ²	mm	0,8	1,0	1,0	1,3
	Non-ferrous metals up to 250 N/mm ²	mm	2,0	2,0	2,0	3,0
	Cutting width	mm	5,0	5,0	5,0	5,0
	Rad. of smallest curve	mm	90 (30)*	90 (30)*	90 (30)*	245
	Immersion Ø	mm	15 (8)*	15 (8)*	15 (8)*	12
Cable with plug	m		5	5	5	
Weight according to EPTA	kg		1,50	1,50	1,70	
Weight without storage battery	kg	1,20				

▲▲ optimal suitability ▲ suitability ● included * with blade for curves

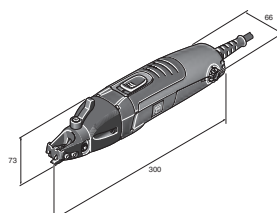


ABSS 18 1.6 E Select

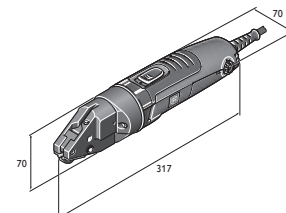
214



BSS 1.6 E



BSS 1.6 CE



BSS 2.0 E



SLITTING SHEARS



Grinding without chips

Slitting shears are the right choice if there can be no swarf when producing cut-offs and cut-outs: they cut a spiral chip out of the sheet metal.



Precise working

The open cutting head gives you a perfect view of the cutting line.

ABSS 18 1.6 E SELECT

Easy-to-use, curve-compatible cordless slitting shears for distortion-free cuts and cut-outs in sheet metal up to 1.6 mm.

FEIN SELECT⁺



For accessories, see page 217

Supplied

1 Knife, straight, up to 1.6 mm, 1 pair of cutting bars, 1 key, 1 plastic carrying case

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Strokes	rpm	2 200 - 3 500
Cutting speed	m/min	5 - 8
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,2
Steel up to 800 N/mm ²	mm	0,8
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	5,0
Rad. of smallest curve	mm	90 (30)*
Immersion Ø	mm	15 (8)*
Weight without storage battery	kg	1,20

Part number 7 130 03 61

BENEFITS OF USE

- ▶ Rapid work progress due to excellent view of the cutting line through the open-fronted cutting head.
- ▶ Left and right curve cuts and distortion-free cutting possible with just one continuous chip.
- ▶ QuickIN for rapid toolfree blade changing, with no further adjustment required.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ Excellent ergonomics and low weight.
- ▶ Proven MULTIMASTER motor with outstanding performance and stability.
- ▶ Cutting blade with excellent tool life.
- ▶ Cutting capacity with one battery charge: 120 m.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 1.2 mm.
- ▶ Wide range of accessories.
- ▶ * with blade for curves

BSS 1.6 E



For accessories, see page 217

Supplied

1 Knife, straight, up to 1.6 mm, 1 pair of cutting bars, 1 key

Easy-to-use and curve-compatible slitting shears for distortion-free cutting.

Input	W	350
Output	W	210
Strokes	rpm	2 100 - 4 500
Cutting speed	m/min	6 - 10
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,2
Steel up to 800 N/mm ²	mm	1,0
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	5,0
Rad. of smallest curve	mm	90 (30)*
Immersion Ø	mm	15 (8)*
Cable with plug	m	5
Weight according to EPTA	kg	1,50

Part number 7 230 31 61

BENEFITS OF USE

- ▶ Rapid work progress due to excellent view of the cutting line through the open-fronted cutting head.
- ▶ Left and right curve cuts and distortion-free cutting possible with just one continuous chip.
- ▶ QuickIN for rapid toolfree blade changing, with no further adjustment required.

PRODUCT FEATURES

- ▶ Excellent ergonomics and low weight.
- ▶ Motor with outstanding performance and stability.
- ▶ Cutting blade with excellent tool life.
- ▶ 5 metre cable.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 1.2 mm.
- ▶ Wide range of accessories.
- ▶ * with blade for curves

BSS 1.6 CE



For accessories, see page 217

Supplied

1 Knife, straight, up to 1.6 mm, 1 pair of cutting bars, 1 key

Easy-to-use and curve-compatible slitting shears with integrated chip clipper.

Input	W	350
Output	W	210
Strokes	rpm	2 100 - 4 500
Cutting speed	m/min	6 - 10
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,2
Steel up to 800 N/mm ²	mm	1,0
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	5,0
Rad. of smallest curve	mm	90 (30)*
Immersion Ø	mm	15 (8)*
Cable with plug	m	5
Weight according to EPTA	kg	1,50

Part number 7 230 32 61

BENEFITS OF USE

- ▶ Chip clipper for clipping off the cut chip at any point.
- ▶ Left and right curve cuts and distortion-free cutting possible with just one continuous chip.
- ▶ Rapid work progress due to excellent view of the cutting line through the open-fronted cutting head.

PRODUCT FEATURES

- ▶ Excellent ergonomics and low weight.
- ▶ Motor with outstanding performance and stability.
- ▶ Cutting blade with excellent tool life.
- ▶ 5 metre cable.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 1.2 mm.
- ▶ Wide range of accessories.
- ▶ * with blade for curves

BSS 2.0 E



For accessories, see page 217

Supplied

1 cutter blade, 1 pair of cutting bars

Powerful slitting shears for stainless steel processing, spiral seam pipes and profiles.

Input	W	350
Output	W	210
Strokes	rpm	1 300 - 2 600
Cutting speed	m/min	2 - 4
Steel up to 400 N/mm ²	mm	2,0
Steel up to 600 N/mm ²	mm	1,5
Steel up to 800 N/mm ²	mm	1,3
Non-ferrous metals up to 250 N/mm ²	mm	3,0
Cutting width	mm	5,0
Rad. of smallest curve	mm	245
Immersion Ø	mm	12
Cable with plug	m	5
Weight according to EPTA	kg	1,70

Part number 7 230 33 61

BENEFITS OF USE

- ▶ High-strength blades make it ideal for reinforcement profiles in drywall construction and cutting stainless steel.
- ▶ Robust cutting head for stationary application. Machine can be very easily clamped in a vice.
- ▶ Left and right curve cuts and distortion-free cutting possible with just one continuous chip.

PRODUCT FEATURES

- ▶ High performance and powerful motor when it comes to the most difficult tasks. Suitable for folded spiral-seam pipes with 4 x 0.75 mm connecting folds
- ▶ Ideal for trimming profiled sections.
- ▶ Best suited for trimming and cutting.
- ▶ Motor with outstanding performance and stability.
- ▶ Cutting blade with excellent tool life.
- ▶ 5 metre cable.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 1.5 mm.
- ▶ Wide range of accessories.



GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp
Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number
9 26 04 200 02 0



Tool case
Plastic, inner dimensions: 470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box
Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number
3 39 01 119 00 0



Cutting paste
Lubricating agents for working on sheet metals.

Part number
3 21 32 020 12 9



Quick charger ALG 50
For all FEIN Li-ion batteries. Charge time from 35 min.

Part number
9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number
9 26 04 096 01 0

18 V BATTERY



Battery pack
Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set
2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0

ACCESSORIES FOR ABSS



Cutting bars
1 pair

Part number
3 13 08 153 01 4



Cutting blade
for stainless steel up to 800 N/mm²

Plate thickness mm	Part number
0,8	3 13 08 152 00 1



Blade for curves
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
1,0	3 13 08 151 00 8



Cutting blade
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
1,6	3 13 08 150 00 9

ACCESSORIES FOR BSS 1.6 E, BSS 1.6 CE



Cutting blade
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
1,6	3 13 08 150 00 9



Cutting blade
for stainless steel up to 800 N/mm²

Plate thickness mm	Part number
0,8	3 13 08 152 00 1



Blade for curves
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
1,0	3 13 08 151 00 8

ACCESSORIES FOR BSS 1.6 CE



Cutting bars
1 pair

Part number
3 13 08 153 02 0

ACCESSORIES FOR BSS 1.6 E



Cutting bars
1 pair

Part number
3 13 08 153 01 4

ACCESSORIES FOR BSS 2.0 E



Cutting blade
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
2,0	3 13 08 110 00 3



Cutting blade
for stainless steel up to 800 N/mm²

Plate thickness mm	Part number
1,3	3 13 08 123 00 8



Cutting bars
Pack of 2

Part number
3 13 08 113 00 9

Blade pin

Part number
3 13 08 111 00 2

SHEET METAL SHEARS



ABL 18 1.6 E SELECT

Ergonomic, curve-compatible cordless sheet metal shears for cutting and trimming thin sheets.

BLS 1.6 E

Easy-to-use, curve-compatible sheet metal shears for cutting and trimming thin sheets.

BLS 2.5 E

Easy-to-use, curve-compatible sheet metal shears for working with stainless steel.

BLS 3.5

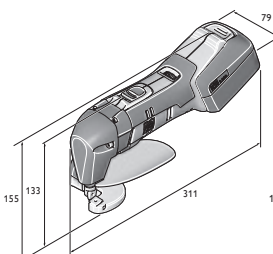
Universal sheet metal shears with tool-free setting of material thickness.

BLS 4.2

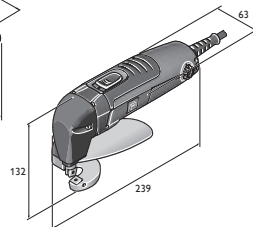
Powerful sheet metal shears for cutting, separating and trimming sheet metal constructions.

	Page	219	219	220	220	220	
Application	Cuts	▲▲	▲▲	▲▲	▲▲	▲▲	
	Curve cuts	▲	▲	▲	▲	▲	
Equipment	Reversing blade		4x	4x	2x	2x	
	Chip suppressor				●	●	
	FEIN high-power motor		●	●	●	●	
Technical data	Input	W		350	350	1 200	1 200
	Output	W		210	210	750	750
	Battery voltage	V	18				
	Battery compatibility		Li-ion/ HighPower Li-ion				
	Battery interface		MultiVolt				
	Strokes	rpm	2 200 - 3 700	2 300 - 4 800	800 - 1 700	1 500	750
	Cutting speed	m/min	6 - 9	8 - 12	3 - 6	4 - 5	4 - 5
	Steel up to 400 N/mm ²	mm	1,6	1,6	2,5	3,5	4,2
	Steel up to 600 N/mm ²	mm	1,2	1,2	2,0	3,0	3,0
	Steel up to 800 N/mm ²	mm	1,0	1,0	1,6	2,0	2,0
	Non-ferrous metals up to 250 N/mm ²	mm	2,0	2,0	3,0	4,0	5,0
	Rad. of smallest curve	mm	15	15	20	30	25
	Cable with plug	m		5	5	5	5
Weight according to EPTA	kg		1,70	2,10	5,40	5,20	
Weight without storage battery	kg	1,40					

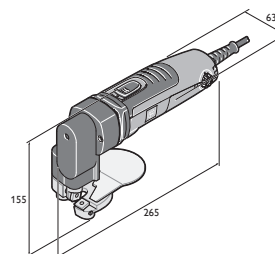
▲▲ optimal suitability ▲ suitability ● included



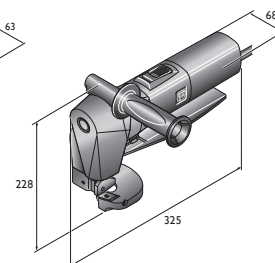
ABL 18 1.6 E Select



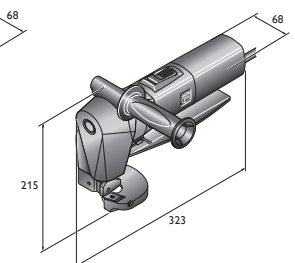
BLS 1.6 E



BLS 2.5 E



BLS 3.5



BLS 4.2



SHEET METAL SHEARS



Efficient and reliable

Sheet metal shears operate very efficiently and with no material loss at cutting speeds of up to 8 m/min.



Uninterrupted work progress

The chip suppressor cleanly discharges the sheet metal to the rear.

ABLS 18 1.6 E SELECT

FEIN SELECT⁺



For accessories, see page 221

Supplied

1 ABLs 18 1.6 E, 1 pair of blades, 1 set of wrenches, 1 hand guard, 1 plastic carrying case

Ergonomic, curve-compatible cordless sheet metal shears for cutting and trimming thin sheets.

Battery voltage	V	18
Battery compatibility		Li-ion/ HighPower Li-ion
Battery interface		MultiVolt
Strokes	rpm	2 200 - 3 700
Cutting speed	m/min	6 - 9
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,2
Steel up to 800 N/mm ²	mm	1,0
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Rad. of smallest curve	mm	15
Weight without storage battery	kg	1,40

Part number 7 130 04 61

BENEFITS OF USE

- ▶ Outstanding ergonomics through compact and simple construction for optimal mobility of the shears.
- ▶ Good curve precision with low sheet-metal distortion.
- ▶ Four-fold reversing blade for clean and burr-free cutting with low operating costs.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ Perfect for trimming and cutting.
- ▶ Unrestricted view of the cutting line.
- ▶ Proven MULTIMASTER motor with outstanding performance and stability.
- ▶ Cutting capacity with one battery charge: 140 m.
- ▶ Stainless steel up to 1.0 mm.

BLS 1.6 E



For accessories, see page 221

Supplied

1 pair of blades, 1 set of wrenches, 1 hand guard

Easy-to-use, curve-compatible sheet metal shears for cutting and trimming thin sheets.

Input	W	350
Output	W	210
Strokes	rpm	2 300 - 4 800
Cutting speed	m/min	8 - 12
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,2
Steel up to 800 N/mm ²	mm	1,0
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Rad. of smallest curve	mm	15
Cable with plug	m	5
Weight according to EPTA	kg	1,70

Part number 7 230 34 61

BENEFITS OF USE

- ▶ Outstanding ergonomics through compact and simple construction for optimal mobility of the shears.
- ▶ Good curve precision with low sheet-metal distortion.
- ▶ Four-fold reversing blade for clean and burr-free cutting with low operating costs.

PRODUCT FEATURES

- ▶ Perfect for trimming and cutting.
- ▶ Unrestricted view of the cutting line.
- ▶ Motor with outstanding performance and stability.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 1.0 mm.

BLS 2.5 E



For accessories, see page 221

Supplied

1 pair of blades, 1 set of wrenches,
1 hand guard

Easy-to-use, curve-compatible sheet metal shears for working with stainless steel.

Input	W	350
Output	W	210
Strokes	rpm	800 - 1 700
Cutting speed	m/min	3 - 6
Steel up to 400 N/mm ²	mm	2,5
Steel up to 600 N/mm ²	mm	2,0
Steel up to 800 N/mm ²	mm	1,6
Non-ferrous metals up to 250 N/mm ²	mm	3,0
Rad. of smallest curve	mm	20
Cable with plug	m	5
Weight according to EPTA	kg	2,10

Part number	7 230 35 61
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BENEFITS OF USE

- ▶ High performance and powerful motor for the most difficult tasks.
- ▶ Unrestricted view of the cutting line makes faster work progress possible.
- ▶ Four-fold reversing blade for clean and burr-free cutting with low operating costs.

PRODUCT FEATURES

- ▶ Perfect for trimming and cutting.
- ▶ Unrestricted view of the cutting line.
- ▶ Good curve precision with low sheet-metal distortion.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 1.6 mm.

BLS 3.5



For accessories, see page 221

Supplied

1 pair of blades, 1 hand guard, 1 additional
handle, 1 set of wrenches

Universal sheet metal shears with tool-free setting of material thickness.

Input	W	1 200
Output	W	750
Strokes	rpm	1 500
Cutting speed	m/min	4 - 5
Steel up to 400 N/mm ²	mm	3,5
Steel up to 600 N/mm ²	mm	3,0
Steel up to 800 N/mm ²	mm	2,0
Non-ferrous metals up to 250 N/mm ²	mm	4,0
Rad. of smallest curve	mm	30
Cable with plug	m	5
Weight according to EPTA	kg	5,40

Part number	7 230 23
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BENEFITS OF USE

- ▶ Tool-free height adjustment of the plunger blade for adapting to various material thicknesses.
- ▶ Excellent work progress for rapid completion of large and long surfaces.
- ▶ Patented swarf suppresser for optimum and safe swarf removal.

PRODUCT FEATURES

- ▶ Perfect for the trimming of sheet metal constructions.
- ▶ Excellent power-to-weight ratio.
- ▶ Unrestricted view of the cutting line.
- ▶ Motor with outstanding performance and stability.
- ▶ Two-fold reversing blade.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 2.0 mm.
- ▶ Wide range of accessories.

BLS 4.2



For accessories, see page 221

Supplied

1 pair of blades, 1 hand guard, 1 additional
handle, 1 gauge, 3 wrenches

Powerful sheet metal shears for cutting, separating and trimming sheet metal constructions.

Input	W	1 200
Output	W	750
Strokes	rpm	750
Cutting speed	m/min	4 - 5
Steel up to 400 N/mm ²	mm	4,2
Steel up to 600 N/mm ²	mm	3,0
Steel up to 800 N/mm ²	mm	2,0
Non-ferrous metals up to 250 N/mm ²	mm	5,0
Rad. of smallest curve	mm	25
Cable with plug	m	5
Weight according to EPTA	kg	5,20

Part number	7 230 24
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BENEFITS OF USE

- ▶ High performance and powerful motor for the most difficult tasks.
- ▶ Excellent work progress for rapid completion of large and long surfaces.
- ▶ Patented swarf suppresser for optimum and safe swarf removal.

PRODUCT FEATURES

- ▶ Perfect for the trimming of sheet metal constructions.
- ▶ Excellent power-to-weight ratio.
- ▶ Unrestricted view of the cutting line.
- ▶ Two-fold reversing blade.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 2.0 mm.
- ▶ Wide range of accessories.



GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp

Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number
9 26 04 200 02 0



Tool case
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box
Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number
3 39 01 119 00 0



Cutting paste
Lubricating agents for working on sheet metals.

Part number
3 21 32 020 12 9



Quick charger ALG 50
For all FEIN Li-ion batteries.
Charge time from 35 min.

Part number
9 26 04 129 01 0



Quick charger ALG 30
For FEIN NiCd and Li-ion batteries.
Charge time from 25 min.

Part number
9 26 04 096 01 0

18 V BATTERY



Battery pack
Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set
2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0

ACCESSORIES FOR ABL5



Plunger blade and fixed blade
for steel sheet up to 800 N/mm²

Part number
3 13 08 072 00 0

ACCESSORIES FOR BLS 1.6 E



Plunger blade and fixed blade
for steel sheet up to 800 N/mm²

Part number
3 13 08 072 00 0

ACCESSORIES FOR BLS 2.5 E



Plunger blade and fixed blade
for steel sheet up to 800 N/mm²

Plate thickness mm	Part number
1,6	6 36 01 101 00 9

ACCESSORIES FOR BLS 3.5



Fixed blade
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
3,5	3 13 08 136 00 2



Fixed blade
for stainless steel up to 800 N/mm²

Plate thickness mm	Part number
2,0	3 13 08 143 00 6



Plunger blade
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
3,5	3 13 08 146 00 1



Plunger blade
for stainless steel up to 800 N/mm²

Plate thickness mm	Part number
2,0	3 13 08 147 00 5

ACCESSORIES FOR BLS 4.2



Fixed blade

Part number
3 13 08 092 00 8



Plunger blade
for steel sheet up to 400 N/mm²

Plate thickness mm	Part number
4,2	3 13 08 096 00 7



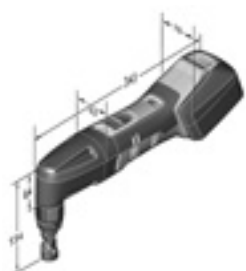
Plunger blade
for stainless steel up to 800 N/mm²

Plate thickness mm	Part number
2,0	3 13 08 098 00 9

NIBBLERS

Tool type	Page	Application			Equipment					
		Curve cuts	Cut-outs	Quick/IN	Cutting direction	Rotating round punch	Input W	Output W		
Storage battery	ABLK 18 1.6 E Select	Compact and curve-compatible nibbler for roof and façade construction. Precise cuts in trapezoid and corrugated sheet metals and profiles.	224	▲▲	▲▲	●	8 x 45°	●		
	ABLK 18 1.3 CSE Select	Compact and curve-compatible nibbler for roof and façade construction. Precise cuts in corrugated sheet metal up to 1.3 mm.	225	▲▲	▲	●	8 x 45°	●		
	ABLK 18 1.3 TE Select	Compact and curve-compatible nibbler for roof and façade construction. Precise cuts in trapezoid sheet metal up to 1.3 mm.	225	▲▲	▲	●	8 x 45°	●		
mains	BLK 1.6 E	Universal nibbler for sheets, profiles, trapezoid and corrugated sheet metals.	226	▲	▲▲	●	8 x 45°	●	350	210
	BLK 1.6 LE	Compact nibbler for deep-channel trapezoidal sheet metals in roof and façade construction.	226	▲▲	▲	●	8 x 45°	●	350	210
	BLK 1.3 TE	Compact and rapid nibbler for trapezoid sheet metals.	227	▲▲	▲	●	8 x 45°	●	350	210
	BLK 1.3 CSE	Compact and rapid nibbler for corrugated sheet metals.	227	▲▲	▲	●	8 x 45°	●	350	210
	BLK 2.0 E	Compact nibbler with unlimited curve precision for corners and edges.	227	▲▲	▲▲	●	8 x 45°		350	210
	BLK 3.5	Powerful nibbler with unlimited curve-compatibility for grooves and cut-outs.	228	▲▲	▲	●	3 x 90°		1 200	750
	BLK 5.0	Powerful nibbler for heavy dismantling and cutting applications.	228	▲			3 x 90°		1 200	750

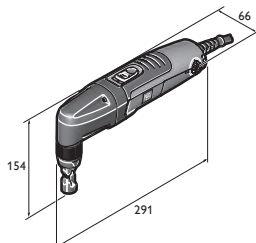
▲▲ optimal suitability ▲ suitability ● included



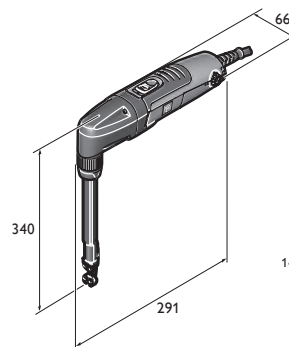
ABLK 18 1.6 E Select



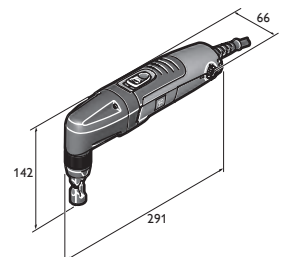
ABLK 18 1.3 CSE Select
ABLK 18 1.3 TE Select



BLK 1.6 E



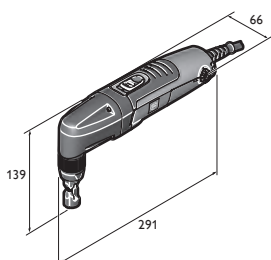
BLK 1.6 LE



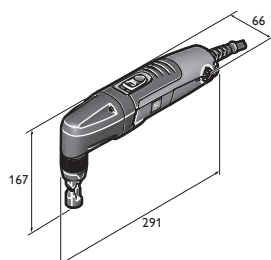
BLK 1.3 TE

Technical data

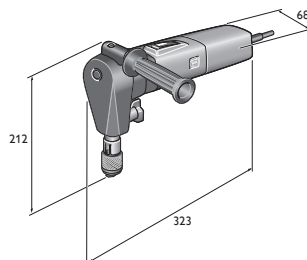
Battery voltage V	Battery compatibility	Battery interface	Strokes rpm	Cutting speed m/min	Steel up to 400 N/mm ² mm	Steel up to 600 N/mm ² mm	Steel up to 800 N/mm ² mm	Non-ferrous metals up to 250 N/mm ² mm	Cutting width mm	Immersion Ø with die mm	Rad. of smallest curve (inside/outside) mm	Cable with plug m	Weight according to EPTA kg	Weight without storage battery kg
18	Li-ion/ HighPower Li-ion	MultiVolt	800 - 1 300	1,5	1,6	1,0	0,7	2,5	5	22	30 / 35		1,65	
18	Li-ion/ HighPower Li-ion	MultiVolt	900 - 1 600	1,9	1,3	0,8	0,6	2,0	4	19	15 / 20		1,60	
18	Li-ion/ HighPower Li-ion	MultiVolt	900 - 1 600	1,9	1,3	0,8	0,6	2,0	4	19	25 / 30		1,60	
			800	1,9	1,6	1,0	0,7	2,5	5	22	30 / 35	5	1,80	
			800 - 1 500	2,7	1,6	1,0	0,7	2,5	5	24	65 / 70	5	1,90	
			1 000 - 1 800	2,3	1,3	0,8	0,6	2,0	4	19	25 / 30	5	1,80	
			1 000 - 1 800	2,3	1,3	0,8	0,6	2,0	4	19	15 / 20	5	1,80	
			500 - 1 000	1,0	2,0	1,5	1,0	2,5	8	18	4 / 0	5	1,80	
			750	1,3	3,5	2,3	1,8	3,5	14	30	7 / 0	5	3,50	
			750	1,3	5,0	3,3	2,5	7	8	43	86 / 94	5	3,80	



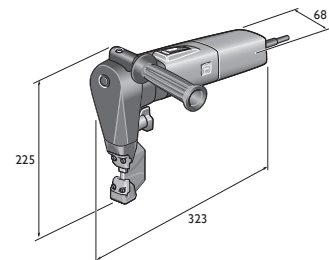
BLK 1.3 CSE



BLK 2.0 E



BLK 3.5



BLK 5.0

NIBBLERS



Very curve-compatible

Nibblers are very versatile: They can handle complicated cuts with speed and precision.



Easy-to-use and ergonomic

Compact, fast, precise: Trapezoid and corrugated sheet metals can be machined without any contact pressure using nibblers.

ABLK 18 1.6 E SELECT



For accessories, see page 229

Supplied

1 die holder for sheet metal and corrugated sheet metal, 1 die (3 01 09 141 00 3), 1 punch (6 36 02 048 00 4), 1 plastic carrying case

Compact and curve-compatible nibbler for roof and façade construction. Precise cuts in trapezoid and corrugated sheet metals and profiles.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Strokes	rpm	800 - 1 300
Cutting speed	m/min	1,5
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,0
Steel up to 800 N/mm ²	mm	0,7
Non-ferrous metals up to 250 N/mm ²	mm	2,5
Cutting width	mm	5
Immersion Ø with die	mm	22
Rad. of smallest curve (inside/outside)	mm	30 / 35
Weight without storage battery	kg	1,65

Part number 7 132 04 61

BENEFITS OF USE

- ▶ 40 m of cutting in 0.8 mm trapezoid sheet metal with one battery.
- ▶ 1.5 m/min cutting speed for excellent work progress.
- ▶ Variable cutting speed due to electronically adjustable speed control.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 2.6 mm.
- ▶ Optimum handling due to extremely slim gearbox head.
- ▶ Comfortably light weight.
- ▶ QuickIN quick change system for die and punch.
- ▶ Rotating punch for a service life which is now up to 30 % longer.
- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.
- ▶ Proven MULTIMASTER motor with outstanding performance and stability.
- ▶ Low operating costs. Punch and die are replaced independently of one another.



ABLK 18 1.3 CSE SELECT



For accessories, see page 229

Supplied

1 die for corrugated sheet metal
(3 01 09 169 00 9), 1 punch (6 36 02 050 00 0),
1 plastic carrying case

Compact and curve-compatible nibbler for roof and façade construction. Precise cuts in corrugated sheet metal up to 1.3 mm.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Strokes	rpm	900 - 1 600
Cutting speed	m/min	1,9
Steel up to 400 N/mm ²	mm	1,3
Steel up to 600 N/mm ²	mm	0,8
Steel up to 800 N/mm ²	mm	0,6
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	4
Immersion Ø with die	mm	19
Rad. of smallest curve (inside/outside)	mm	15 / 20
Weight without storage battery	kg	1,60

Part number 7 132 05 61

BENEFITS OF USE

- ▶ 40 m of cutting in 0.8 mm corrugated sheet metal with one battery.
- ▶ 1.9 m/min cutting speed for excellent work progress.
- ▶ Variable cutting speed due to electronically adjustable speed control.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 2.6 mm.
- ▶ Optimum handling due to extremely slim gearbox head.
- ▶ Comfortably light weight.
- ▶ QuickIN quick change system for die and punch.
- ▶ Rotating punch for a service life which is now up to 30 % longer.
- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.
- ▶ Proven MULTIMASTER motor with outstanding performance and stability.

ABLK 18 1.3 TE SELECT



For accessories, see page 229

Supplied

1 die for trapezoidal sheet metal
(3 01 09 170 00 1), 1 punch (6 36 02 050 00 0),
1 plastic carrying case

Compact and curve-compatible nibbler for roof and façade construction. Precise cuts in trapezoid sheet metal up to 1.3 mm.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ion
Battery interface		MultiVolt
Strokes	rpm	900 - 1 600
Cutting speed	m/min	1,9
Steel up to 400 N/mm ²	mm	1,3
Steel up to 600 N/mm ²	mm	0,8
Steel up to 800 N/mm ²	mm	0,6
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	4
Immersion Ø with die	mm	19
Rad. of smallest curve (inside/outside)	mm	25 / 30
Weight without storage battery	kg	1,60

Part number 7 132 06 61

BENEFITS OF USE

- ▶ 40 m of cutting in 0.8 mm trapezoid sheet metal with one battery.
- ▶ 1.9 m/min cutting speed for excellent work progress.
- ▶ Variable cutting speed due to electronically adjustable speed control.

PRODUCT FEATURES

- ▶ MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 2.6 mm.
- ▶ Optimum handling due to extremely slim gearbox head.
- ▶ Comfortably light weight.
- ▶ QuickIN quick change system for die and punch.
- ▶ Rotating punch for a service life which is now up to 30 % longer.
- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.
- ▶ Proven MULTIMASTER motor with outstanding performance and stability.

BLK 1.6 E



For accessories, see page 229

Supplied

1 die holder for sheet metal and corrugated sheet metal, 1 die (3 01 09 141 00 3), 1 punch (6 36 02 048 00 4)

Universal nibbler for sheets, profiles, trapezoid and corrugated sheet metals.

Input	W	350
Output	W	210
Strokes	rpm	800
Cutting speed	m/min	1,9
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,0
Steel up to 800 N/mm ²	mm	0,7
Non-ferrous metals up to 250 N/mm ²	mm	2,5
Cutting width	mm	5
Immersion Ø with die	mm	22
Rad. of smallest curve (inside/outside)	mm	30 / 35
Cable with plug	m	5
Weight according to EPTA	kg	1,80

Part number 7 232 38 60

BENEFITS OF USE

- ▶ Almost indestructible. Ideal for flexible and universal use with sheet thickness up to 1.6 mm..
- ▶ Optimum ergonomics with a handle up to 20 % slimmer because of its extremely thin drive head.
- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.

PRODUCT FEATURES

- ▶ QuickIN clamping system.
- ▶ High cutting speed.
- ▶ Rotating punch for a service life which is now up to 30 % longer.
- ▶ Low operating costs due to long tool life of punch and die.
- ▶ Motor with outstanding performance and stability.
- ▶ Chip protection mesh on vent slots.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 0.7 mm.
- ▶ Retrofittable trapezoid profile set up to 160 mm deep channels.

BLK 1.6 LE



For accessories, see page 229

Supplied

1 cutting head, 1 die for trapezoidal sheet metal (3 13 09 122 00 5), 1 punch (6 36 02 049 00 8), 1 wearing plate

Compact nibbler for deep-channel trapezoidal sheet metals in roof and façade construction.

Input	W	350
Output	W	210
Strokes	rpm	800 - 1 500
Cutting speed	m/min	2,7
Steel up to 400 N/mm ²	mm	1,6
Steel up to 600 N/mm ²	mm	1,0
Steel up to 800 N/mm ²	mm	0,7
Non-ferrous metals up to 250 N/mm ²	mm	2,5
Cutting width	mm	5
Immersion Ø with die	mm	24
Rad. of smallest curve (inside/outside)	mm	65 / 70
Cable with plug	m	5
Weight according to EPTA	kg	1,90

Part number 7 232 39 60

BENEFITS OF USE

- ▶ The specialist when it comes to zero compromise work on trapezoidal sheet metals with deep channels of up to 160 mm.
- ▶ Optimum ergonomics with a handle up to 20 % slimmer because of its extremely thin drive head.
- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.

PRODUCT FEATURES

- ▶ QuickIN clamping system.
- ▶ High cutting speed.
- ▶ Motor with outstanding performance and stability.
- ▶ Chip protection mesh on vent slots.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 0.7 mm.



BLK 1.3 TE



For accessories, see page 229

Supplied

1 die for trapezoidal sheet metal
(3 01 09 170 00 1), 1 punch
(6 36 02 050 00 0)

Compact and rapid nibbler for trapezoid sheet metals.

Input	W	350
Output	W	210
Strokes	rpm	1 000 - 1 800
Cutting speed	m/min	2,3
Steel up to 400 N/mm ²	mm	1,3
Steel up to 600 N/mm ²	mm	0,8
Steel up to 800 N/mm ²	mm	0,6
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	4
Immersion Ø with die	mm	19
Rad. of smallest curve (inside/outside)	mm	25 / 30
Cable with plug	m	5
Weight according to EPTA	kg	1,80

Part number 7 232 41 60

BENEFITS OF USE

- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.
- ▶ 2.3 m/min cutting speed for excellent work progress.
- ▶ Optimum ergonomics with a handle up to 20 % slimmer because of its extremely thin drive head.

PRODUCT FEATURES

- ▶ Chip protection mesh on vent slots.
- ▶ Low operating costs due to long tool life of punch and die.
- ▶ Brief overlapping area up to 2.6 mm.
- ▶ Rotating punch for a service life which is now up to 30 % longer.
- ▶ QuickIN clamping system.
- ▶ Stainless steel up to 0.6 mm.
- ▶ Motor with outstanding performance and stability.
- ▶ 5 metre cable.

BLK 1.3 CSE



For accessories, see page 229

Supplied

1 die for corrugated sheet metal
(3 01 09 169 00 9), 1 punch
(6 36 02 050 00 0)

Compact and rapid nibbler for corrugated sheet metals.

Input	W	350
Output	W	210
Strokes	rpm	1 000 - 1 800
Cutting speed	m/min	2,3
Steel up to 400 N/mm ²	mm	1,3
Steel up to 600 N/mm ²	mm	0,8
Steel up to 800 N/mm ²	mm	0,6
Non-ferrous metals up to 250 N/mm ²	mm	2,0
Cutting width	mm	4
Immersion Ø with die	mm	19
Rad. of smallest curve (inside/outside)	mm	15 / 20
Cable with plug	m	5
Weight according to EPTA	kg	1,80

Part number 7 232 42 60

BENEFITS OF USE

- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.
- ▶ 2.3 m/min cutting speed for excellent work progress.
- ▶ Optimum ergonomics with a handle up to 20 % slimmer because of its extremely thin drive head.

PRODUCT FEATURES

- ▶ Chip protection mesh on vent slots.
- ▶ Low operating costs due to long tool life of punch and die.
- ▶ Rotating punch for a service life which is now up to 30 % longer.
- ▶ QuickIN clamping system.
- ▶ Stainless steel up to 0.6 mm.
- ▶ Motor with outstanding performance and stability.
- ▶ 5 metre cable.

BLK 2.0 E



For accessories, see page 229

Supplied

1 cutting head, 1 die (3 13 09 040 00 2),
1 punch (6 36 02 051 00 9)

Compact nibbler with unlimited curve precision for corners and edges.

Input	W	350
Output	W	210
Strokes	rpm	500 - 1 000
Cutting speed	m/min	1,0
Steel up to 400 N/mm ²	mm	2,0
Steel up to 600 N/mm ²	mm	1,5
Steel up to 800 N/mm ²	mm	1,0
Non-ferrous metals up to 250 N/mm ²	mm	2,5
Cutting width	mm	8
Immersion Ø with die	mm	18
Rad. of smallest curve (inside/outside)	mm	4 / 0
Cable with plug	m	5
Weight according to EPTA	kg	1,80

Part number 7 232 40 60

BENEFITS OF USE

- ▶ High curve precision due to special cutting head geometry. Nibbler can turn on the spot.
- ▶ Especially well-suited for cutting edged sheet metals with a minimum bend radius of 3 mm.
- ▶ Cutting direction setting can be changed in 45° steps up to 360° using tool-free pivoting cutting head.

PRODUCT FEATURES

- ▶ QuickIN clamping system.
- ▶ Optimal ergonomics.
- ▶ Motor with outstanding performance and stability.
- ▶ Ideal for cut-outs.
- ▶ Optimally suited for template cuts.
- ▶ Chip protection mesh on vent slots.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 1.0 mm.

BLK 3.5



For accessories, see page 229

Supplied

1 cutting head, 1 die (3 13 09 093 00 3),
1 punch (3 13 09 097 00 2), 1 additional
handle

Powerful nibbler with unlimited curve-compatibility for grooves and cut-outs.

Input	W	1 200
Output	W	750
Strokes	rpm	750
Cutting speed	m/min	1,3
Steel up to 400 N/mm ²	mm	3,5
Steel up to 600 N/mm ²	mm	2,3
Steel up to 800 N/mm ²	mm	1,8
Non-ferrous metals up to 250 N/mm ²	mm	3,5
Cutting width	mm	14
Immersion Ø with die	mm	30
Rad. of smallest curve (inside/outside)	mm	7 / 0
Cable with plug	m	5
Weight according to EPTA	kg	3,50

Part number 7 232 30

BENEFITS OF USE

- ▶ Ideally suited for grooves and cut-outs in sheet metals, tool can turn on the spot.
- ▶ Cutting direction can be adjusted in 90° steps without the need for tools.
- ▶ QuickIN clamping system for quick, tool-free punch and die changes.

PRODUCT FEATURES

- ▶ Optimum power-to-weight ratio.
- ▶ Long tool life, punches can be reground.
- ▶ Motor with outstanding performance and stability.
- ▶ Warp-free cutting of flat and bent sheet metal.
- ▶ Optimally suited for template cuts.
- ▶ Chip protection mesh on vent slots.
- ▶ Handle can be rotated 180°.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 1.8 mm.
- ▶ Wide range of accessories.

BLK 5.0



For accessories, see page 229

Supplied

1 cutting head, 1 die (3 13 09 107 00 0),
1 punch (3 13 09 110 00 4), 1 additional
handle

Powerful nibbler for heavy dismantling and cutting applications.

Input	W	1 200
Output	W	750
Strokes	rpm	750
Cutting speed	m/min	1,3
Steel up to 400 N/mm ²	mm	5,0
Steel up to 600 N/mm ²	mm	3,3
Steel up to 800 N/mm ²	mm	2,5
Non-ferrous metals up to 250 N/mm ²	mm	7
Cutting width	mm	8
Immersion Ø with die	mm	43
Rad. of smallest curve (inside/outside)	mm	86 / 94
Cable with plug	m	5
Weight according to EPTA	kg	3,80

Part number 7 232 31

BENEFITS OF USE

- ▶ Powerful 1,200 watt motor for outstanding performance while maintaining excellent ergonomics.
- ▶ Cuts over 90° edges, for example on guard rails or tanks.
- ▶ Cutting direction can be adjusted in 90° steps without the need for tools.

PRODUCT FEATURES

- ▶ Optimum power-to-weight ratio.
- ▶ Long tool life of punch and die.
- ▶ Chip protection mesh on vent slots.
- ▶ Handle can be rotated 180°.
- ▶ 5 metre cable.
- ▶ Stainless steel up to 2.5 mm.
- ▶ Wide range of accessories.



GENERAL ACCESSORIES



Cordless ALED 12-18 V LED lamp

Compact and durable cordless LED lamp with swivel-mounted lamp head. Compatible with all 12 / 14 / 18 V FEIN Li-ion batteries, including hook for attaching the lamp. Extremely lightweight at 130 g and very bright at 900 Lux. Colour temperature is the equivalent of daylight. The brightness can be set to 2 levels.

Part number

9 26 04 200 02 0



Tool case

Plastic, inner dimensions: 470 x 275 x 116 mm

Part number

3 39 01 118 01 0



Plastic box

Box insert with lockable lid for small parts and accessories, suitable for tool box 3 39 01 118 01 0, max 5 items/box.

Part number

3 39 01 119 00 0



Cutting paste

Lubricating agents for working on sheet metals.

Part number

3 21 32 020 12 9



Quick charger ALG 30

For FEIN NiCd and Li-ion batteries. Charge time from 25 min.

Part number

9 26 04 096 01 0



Quick charger ALG 50

For all FEIN Li-ion batteries. Charge time from 35 min.

Part number

9 26 04 129 01 0

18 V BATTERY



Battery pack

Li-ion battery with charge status indicator and FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge. Can be used with all FEIN 18 V cordless tools.

Capacity Ah	Part number
5	9 26 04 173 02 0
2,5	9 26 04 171 02 0



Battery starter set

2 x Li-ion batteries with ALG 50 rapid charger.

Capacity Ah	Part number
5	9 26 04 300 03 0
2,5	9 26 04 300 04 0

ACCESSORIES FOR (A)BLK 1.6 E



Punch

No. in pack pcs	Part number
1	6 36 02 048 00 4
5	6 36 02 048 04 0
10	6 36 02 048 05 0



Die

No. in pack pcs	Part number
1	3 01 09 141 00 3
2	3 01 09 141 02 0
5	3 01 09 141 03 0



Punches and dies

in set, each consisting of 1x punch 6 36 02 048 004 and 1x die 3 01 09 141 003.

Part number

6 36 02 048 01 3



Die holder

for trapezoidal sheet metal and corrugated sheet metal

Part number

3 01 09 154 00 7



Profile set 160

For deep-channel trapezoidal sheet metals (85-160 mm), incl. 1 punch, die and wearing plate.

Part number

9 26 02 071 01 9

ACCESSORIES FOR BLK 1.6 LE

Punches and dies

in the set, for profile set 160, including wear plate, screws and key Profile set 160

Part number

6 36 02 049 01 7



Punch

No. in pack pcs	Part number
1	6 36 02 049 00 8
2	6 36 02 049 04 0
5	6 36 02 049 05 0

Die

No. in pack pcs	Part number
1	3 13 09 122 00 5
2	3 13 09 122 02 0
5	3 13 09 122 03 0

Wearing plate

Profile set 160

Part number

3 13 09 121 00 2

ACCESSORIES FOR (A)BLK 1.3 CSE



Punch

for steel sheet up to 400 N/mm²

Plate thickness mm	No. in pack pcs	Part number
1,3	1	6 36 02 050 00 0
1,3	5	6 36 02 050 03 0
1,3	10	6 36 02 050 01 0

Die

for corrugated sheet metal

No. in pack pcs	Part number
1	3 01 09 169 00 9
2	3 01 09 169 04 0

Punches and dies in a set

consisting of 5 x punches 6 36 02 050 00 0 and 1 x die 3 01 09 169 00 9.

Part number

3 01 09 169 03 0

ACCESSORIES FOR (A)BLK 1.3 TE

Punches and dies in a set

consisting of 5 x punches 6 36 02 050 00 0 and 1 x die 3 01 09 170 00 1.

Part number

3 01 09 170 03 0

Die

for trapezoidal sheet metal

No. in pack pcs	Part number
1	3 01 09 170 00 1
2	3 01 09 170 04 0

ACCESSORIES FOR BLK 2.0 E

Die
RSS 636

Part number
3 13 09 040 00 2



Punch

Part number
6 36 02 051 00 9



Punches and dies in a set
Consisting of:
1 die 6 36 02 051 00 9 and
1 punch 3 13 09 040 00 2

Part number
6 36 02 051 01 8

ACCESSORIES FOR BLK 3.5



Punch
for steel sheet up to 400 N/mm²

Part number
3 13 09 097 00 2



Punch
for stainless steel up to
800 N/mm²

Part number
3 13 09 098 00 0



Die
for steel sheet up to 400 N/mm²

Part number
3 13 09 093 00 3



Die
for stainless steel up to
800 N/mm²

Part number
3 13 09 094 00 1

ACCESSORIES FOR BLK 5.0

Punches and dies in a set
up to 5.0 mm steel plate
(400 N/mm²), consisting of:
1 punch 3 13 09 110 00 4 and
1 die 3 13 09 107 00 0

Part number
3 13 09 110 01 3

Punches and dies in a set
up to 3.0 mm stainless steel plate
(600 N/mm²), consisting of:
1 punch 3 13 09 134 00 6 and
1 die 3 13 09 108 00 8

Part number
3 13 09 134 01 5



Chips bag

Part number
3 13 09 114 00 8

Punch
up to 7.0 mm aluminium steel
plate (250 N/mm²) up to 5.0 mm
steel sheet (400 N/mm²)

Part number
3 13 09 110 00 4

Punch
up to 3.0 mm stainless steel plate
(600 N/mm²)

Part number
3 13 09 134 00 6

Die
for steel sheet up to 5 mm
thickness

Part number
3 13 09 107 00 0

Die
up to 3.0 mm stainless steel plate
(600 N/mm²)

Part number
3 13 09 108 00 8

Die
up to 7.0 mm aluminium steel
plate (250 N/mm²) up to 5.0 mm
steel sheet (400 N/mm²)

Part number
3 13 09 109 00 2

JIGSAWS



ASTE 638

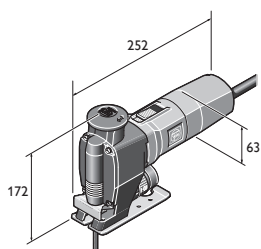
AST 638

Metal jigsaws with continuously variable speed control and stainless steel base plate for unsurpassed precision, robustness and service life.

Metal jigsaws with unsurpassed precision, robustness and service life.

		ASTE 638	AST 638	
Page		232	232	
Material	Stainless steel	▲▲	▲	
	Steel	▲▲	▲▲	
	wood	▲▲	▲	
	Fabric-based laminate / composite materials	▲▲	▲	
Equipment	Adjustable stroke	●		
	Stainless steel foot plate	●	●	
	Swarf removal can be switched over	●	●	
Technical data	Input	W	450	350
	Strokes	rpm	1 050 - 2 600	3 350
	Stroke of blade	mm	20	20
	Stainless steel (V2A)	mm	6	3
	Steel (St 37)	mm	10	8
	alu, copper, brass	mm	15 / 10	10 / 10
	Hard/soft wood and plywood	mm	60 / 50	50 / 40
	Hard particle / fibre-glass materials	mm	30 / 30	25 / 20
	steel/woods and plastics	mm	8 / 6	8 / 6
	Cable with plug	m	5	5
Weight according to EPTA	kg	2,30	2,20	

▲▲ optimal suitability ▲ suitability ● included



ASte 638
ASt 638

ASTE 638



For accessories, see page 233

Supplied

2 packs of saw blades, 1 anti-chipping protector, 1 Chip protection additional

Metal jigsaws with continuously variable speed control and stainless steel base plate for unsurpassed precision, robustness and service life.

Input	W	450
Output	W	245
Strokes	rpm	1 050 - 2 600
Stroke of blade	mm	20
Stainless steel (V2A)	mm	6
Steel (St 37)	mm	10
alu, copper, brass	mm	15 / 10
Hard/soft wood and plywood	mm	60 / 50
Hard particle / fibre-glass materials	mm	30 / 30
steel/woods and plastics	mm	8 / 6
Cable with plug	m	5
Weight according to EPTA	kg	2,30

Part number	7 234 15
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BENEFITS OF USE

- ▶ Tool concept for optimum results in metals, stainless steel, insulation material (sandwich) and hardwood. With extremely robust 4 mm thick stainless steel base plate.
- ▶ Continuously variable, electronic speed setting for optimum cutting speed and saw blade service life

PRODUCT FEATURES

- ▶ Excellent ergonomics.
- ▶ Outstanding smooth running thanks to precisely balanced weight distribution.
- ▶ Swarf removal can be switched between extraction or blowing.

AST 638



For accessories, see page 233

Supplied

2 packs of saw blades, 1 anti-chipping protector

Metal jigsaws with unsurpassed precision, robustness and service life.

Input	W	350
Output	W	200
Strokes	rpm	3 350
Stroke of blade	mm	20
Stainless steel (V2A)	mm	3
Steel (St 37)	mm	8
alu, copper, brass	mm	10 / 10
Hard/soft wood and plywood	mm	50 / 40
Hard particle / fibre-glass materials	mm	25 / 20
steel/woods and plastics	mm	8 / 6
Cable with plug	m	5
Weight according to EPTA	kg	2,20

Part number	7 234 17
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BENEFITS OF USE

- ▶ Extremely low levels of wear and maintenance even when used in very demanding industrial applications.
- ▶ Machine concept for optimum results in metals, insulation materials (sandwich) and hard wood.

PRODUCT FEATURES

- ▶ Excellent ergonomics.
- ▶ Outstanding smooth running thanks to precisely balanced weight distribution.
- ▶ Swarf removal can be switched between extraction or blowing.



SAW BLADES FOR METAL AND SANDWICH MATERIAL

	METAL	ALU	Cu Ni Ms Zn	STAINLESS INOX INOXSTA	PVC	SANDWICH			Qualität/ Quality	No. in pack Qty.	Order number
	< 1,2		< 1,2				77	0,7	HSS	5	6 35 03 060 01 0
	< 1,2						100	0,7	HSS	5	6 35 03 076 01 0
	< 2,0	< 2,0	< 2,0	< 2,0	< 4,0		88	1,2	HSS	5	6 35 03 035 01 1
	< 2,0	< 2,0	< 2,0		< 4,0	< 70,0	120	1,2	HSS	5	6 35 03 077 01 4
	< 10,0	< 8,0	< 10,0	< 6,0	< 8,0		88	2,0	HSS	5	6 35 03 036 01 4
	< 10,0	< 8,0	< 10,0		< 30,0	< 120	180	2	BIM	5	6 35 03 114 01 0
	< 2,0	< 2,0	< 2,0	< 2,0	< 4,0		88	1,2	BIM	5	6 35 03 112 01 0
	< 10,0	< 8,0	< 10,0	< 6,0	< 8,0		88	2,0	BIM	5	6 35 03 113 01 0
	< 6,0	< 15,0					100	3,0	BIM	5	6 35 03 088 01 1

GENERAL ACCESSORIES



Tool case
Plastic, inner dimensions:
470 x 275 x 116 mm

Part number
3 39 01 118 01 0



Plastic box
Box insert with lockable lid for
small parts and accessories, suitable for tool box 3 39 01 118 01 0,
max 5 items/box.

Part number
3 39 01 119 00 0



Cutting paste
Lubricating agents for working on
sheet metals.

Part number
3 21 32 020 12 9

Shoe plate
Extended, for sawing profiles and
profiled insulation material. Length
approx. 340 mm.

Part number
3 27 14 084 00 8



Anti-chipping protector
Pack of 5

Part number
3 14 28 102 01 6



Chipping protector
for ASSt(e) 638

Part number
3 27 14 088 00 7



Hose sleeve
for the connection of FEIN Electric
Power Tools with dust extraction



Part number

32 3 05 17 028 00 7
27 3 05 17 029 00 1



Connecting piece
Universal device to connect
power tools and accessories with
dust extraction to vacuum cleaner.
Flexible rubber sleeve, length
70 mm, inner diameter 31.5 mm.

Part number

3 13 22 771 00 9

PIPE SAWS

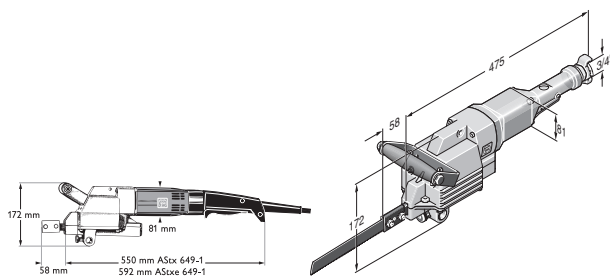


ASTX 649-1	ASTXE 649-1	STS 325 R
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Powerful hacksaw for pipes and profiled sections.	Powerful hacksaw for pipes and profiled sections with continuously variable speed adjustment.	Compressed air hacksaw for pipes and profiled sections.
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Page		235	235	235	
Equip- ment	Electric drive	●	●		
	Pneumatic drive			●	
	Adjustable stroke		●		
Technical data	Input	W	750	750	
	Operating pressure	bar			6,0
	Air consumption	m ³ /min			1,45
	Output	W	480	480	1 100
	Strokes	rpm	350	100 - 350	330
	Stroke of blade	mm	60	60	60
	Pipes up to Ø	mm	440 *	400 *	440 *
	profiles up to W x H	mm	290 x 550	290 x 550	290 x 500
	Cable with plug	m	2,5	2,5	
	Weight according to EPTA	kg	6,10	6,40	7,20

● included * With chain extension.



ASTx 649-1
ASTxe 649-1

STS 325 R



ASTX 649-1



For accessories, see page 236

Supplied

2 saw blades, 1 additional handle, 1 set of keys

Powerful hacksaw for pipes and profiled sections.

Input	W	750
Output	W	480
Strokes	rpm	350
Stroke of blade	mm	60
Pipes up to Ø	mm	440 *
profiles up to W x H	mm	290 x 550
Cable with plug	m	2,5
Weight according to EPTA	kg	6,10

Part number	7 234 22
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BENEFITS OF USE

- ▶ Ideally suited for trimming pipes and shaped section made of steel, cast-iron, autoclaved aerated concrete and plastics.
- ▶ Clamp and feed device available for profiles and pipes from Ø 80 mm to Ø 400 mm.
- ▶ Especially suitable for sandwich material and layers of different materials.

PRODUCT FEATURES

- ▶ Adjustable clamping devices permit mitre cuts up to 45° as well.
- ▶ * With chain extension.

ASTXE 649-1



For accessories, see page 236

Supplied

2 saw blades, 1 additional handle, 1 set of keys

Powerful hacksaw for pipes and profiled sections with continuously variable speed adjustment.

Input	W	750
Output	W	480
Strokes	rpm	100 - 350
Stroke of blade	mm	60
Pipes up to Ø	mm	400 *
profiles up to W x H	mm	290 x 550
Cable with plug	m	2,5
Weight according to EPTA	kg	6,40

Part number	7 234 23
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BENEFITS OF USE

- ▶ Ideally suited for trimming pipes and shaped section made of steel, cast-iron, autoclaved aerated concrete and plastics.
- ▶ Clamp and feed device available for profiles and pipes from Ø 80 mm to Ø 400 mm.
- ▶ Especially suitable for sandwich material and layers of different materials.
- ▶ Variable electronic speed control for optimum cutting speed.

PRODUCT FEATURES

- ▶ Adjustable clamping devices permit mitre cuts up to 45° as well.
- ▶ * With chain extension.

STS 325 R



For accessories, see page 236

Supplied

2 saw blades, 1 set of keys, 1 additional handle, 1 hose coupling

Compressed air hacksaw for pipes and profiled sections.

Operating pressure	bar	6,0
Air consumption	m³/min	1,45
Output	W	1 100
Strokes	rpm	330
Stroke of blade	mm	60
Pipes up to Ø	mm	440 *
profiles up to W x H	mm	290 x 500
Weight according to EPTA	kg	7,20

Part number	7 534 08
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BENEFITS OF USE

- ▶ Ideally suited for trimming pipes and shaped section made of steel, cast-iron, autoclaved aerated concrete and plastics.
- ▶ Clamp and feed device available for profiles and pipes from Ø 80 mm to Ø 400 mm.
- ▶ Adjustable clamping devices permit mitre cuts up to 45° as well.

PRODUCT FEATURES







- ▶ Clamp and feed device.
- ▶ Adjustable clamping fixtures.
- ▶ * With chain extension.

SAW BLADES

	NF metals and steel 400 N/mm ²	Steel above 400 N/mm ² and grey cast iron	Miscellaneous	Length mm	Tooth spacing mm	Thickness mm	Weight (net) kg	Material	Order number
	x	x	≤ Ø 80	200	1,0	1,5	0,06	HSS	6 35 03 067 00 6
	x	x	≤ Ø 80	200	1,6	1,5	0,06	HSS	6 35 03 066 00 2
	x	x	≤ Ø 170 ¹	300	1,6	1,5	0,06	HSS	6 35 03 063 00 7
	x	x	≤ Ø 260 ¹	400	1,6	1,5	0,125	HSS	6 35 03 064 00 5
	x	x	≤ Ø 350 ²	500	1,8	2,0	0,18	HSS	6 35 03 072 00 2
	x	x	≤ Ø 440 ²	600	1,8	2,0	0,21	HSS	6 35 03 073 00 6
	x	x		300	2,1	1,5	0,08	HSS	6 35 03 070 00 0
	x		*	530	2,1	1,5	0,170	HSS	6 35 03 069 00 8
	x (AL)		Plastic	200	3,2	1,5	0,06	HSS	6 35 03 065 00 9
	x (AL)		Plastic	400	3,2	1,5	0,125	HSS	6 35 03 068 00 4
			PE pipes, porous concrete	300	6,3	1,5	0,08	HSS	6 35 03 071 00 9
			PE pipes, porous concrete *	530	6,3	1,5	0,170	HSS	6 35 03 040 00 3



HD SAW BLADES

Special saw blades for working with steel and stainless steel. HD saw blades deliver impressively long service lives and rapid sawing progress. They are well worth trying out.

	NF metals and steel 400 N/mm ²	Steel above 400 N/mm ² and grey cast iron	Miscellaneous	Length mm	Tooth spacing mm	Thickness mm	Weight (net) kg	Material	Order number
	x	x	≤ Ø 170 ¹	300	1,6	2,0	0,08	HSS	6 35 03 093 00 4
	x	x	≤ Ø 350 ²	500	1,8	2,0	0,18	HSS	6 35 03 099 00 5
	x	x	≤ Ø 325 *	530	2,1	1,6	0,17	HSS	6 35 03 100 00 6
	x	x	≤ Ø 260 ¹	400	2,1	2,0	0,175	HSS	6 35 03 094 00 2
	x	x	≤ Ø 260 ¹	400	3,2	2,0	0,175	HSS	6 35 03 095 00 6
	x	x	≤ Ø 440 ²	600	1,8	2,0	0,21	HSS	6 35 03 098 00 1

TD SAW BLADES

TD saw blades are suited to wet and dry cutting. They deliver impressively short cutting times and clean cutting results.

	For ductile cast-iron pipes, even with cement mortar lining and grey cast iron pipes.	Pipe diameter (DN) mm	Length mm	Lining length mm	Thickness mm	Weight kg	Order number
	x	80 - 150 ³	320	260	2,2	0,110	6 35 03 096 01 8
	x	80 - 300 ³	490	430	2,9	0,220	6 35 03 097 01 2

* only with saw blade guide 9 06 06 002 00 9

¹ with FEIN clamping and feed device 9 07 02 005 00 0 or clamping device 9 07 02 004 00 6

² only with chain extension up to diameter of 440 mm, chain 3 02 31 003 00 3 and bolt 3 02 16 130 00 4 are also needed

³ can only be used with FEIN clamping and feed device 9 07 02 005 00 0



GENERAL ACCESSORIES



Tool case
Metal

Width mm	Length mm	Height mm	Part number
240	690	160	3 39 01 022 01 4



Cutting paste
Lubricating agents for working on
sheet metals.

Part number

3 21 32 020 12 9



FEIN clamp and feed device
(W x D x H) 280 x 285 x
395 mm, for pipes and circular
material with an outside dia. of
80 mm to 400 mm

Part number

9 07 02 005 00 0

Protective steel jaws
for avoiding damage to the surface
of the pipe, 4 pieces required

Part number

3 13 27 064 00 8



Cleaning block
Rhombus for cleaning the carbide
tools and diamond-coated tools.

Part number

6 37 19 007 01 0



Clamping fixture
for pipes from Ø 100 mm up to
325 mm, only with extension of
the chain up to Ø 440 mm,
chain 3 02 31 003 00 3 and bolt
3 02 16 130 00 4 necessary

Part number

9 07 02 004 00 6



Clamping fixture
for profiles up to 290 mm width
at max height 550 mm

Part number

9 07 02 003 00 8



Saw blade guide
for pipes up to Ø 325 mm only
with saw blade 530 mm length,
guide to the centre of the pipe

Part number

9 06 06 002 00 9

Splitter wedge
Prevents the jamming of the saw
blade

Part number

6 33 05 006 00 8

ACCESSORY STS 325 R

Hose coupling

Part number

4 11 40 004 00 7

FEIN pipe milling cutters – cost-effective pipe machining with high cutting performance.

The pipe cutting industry the world over is familiar with FEIN pipe milling machines. They can be used for everything from cutting to length before laying to cutting pipes which have already been laid. In addition, the FEIN pipe milling machines boast impressive, robust quality and outstanding efficiency.

They are ideally suited to machining cast pipes or steel pipes for oil, gas and water supplies that are used in pipelines, public supply networks, power plants, industrial systems and container construction, for example. Optimised technology ensures good cutting performance.

Tried and tested technology for perfect results.

The system comes into its own under tough conditions, e.g. pipe fractures. Adapting to different pipe materials by selecting the right gear ratio produces ideal cutting and feed speeds, enabling the cost-effective use of HSS and carbide tools.

Key advantages at a glance:

- ▶ Robust tool design, powerful motors and high-quality materials make the tool ideal for use under extreme conditions.
- ▶ Electric pipe milling machines can even be used at very low sub-zero temperatures.
- ▶ Electric pipe milling machines with feed and return (return in load-free operation only).
- ▶ Can be used flexibly for pipes of between 250 mm and 3000 mm.
- ▶ Profile and separating cuts with form cutter or saw blade.
- ▶ Precise directional stability and exact cut thanks to the two-chain system, adjustable track setting and double chain tension.
- ▶ Crack-free pipe ends deliver perfect results when welding. Reason: perfect cutting and sawing results are achieved due to the good sanding capacity, high tool quality and the fact that there is no misalignment.
- ▶ Easy installation thanks to optimised handling.
- ▶ Available in two gearbox variants: Different feed and speed levels guarantee a cutting speed to suit various materials (recommendation: steel pipe – slow cutting speed, cast pipe – fast cutting speed).
- ▶ Precise and safe working as feed can be switched off and shut down (RSG/RDG 1 500 pipe milling cutters).
- ▶ Tool is shut down by slipping clutch, meaning that it is protected when the gearbox is overloaded.
- ▶ Extensive FEIN accessories range.





Overview of tools



FEIN electric pipe milling machines:

Protection class I. Protection code IP X4.

In conjunction with the controlgear combination:

- ▶ Self-start lock ensures safe operation.
 - ▶ Overload protection for the three-phase motor.
- Produced and tested in accordance with EN 62841.

RSG version:

- ▶ For universal use.
- ▶ Three-phase motor with protection from explosion and moisture.

RSG Ex version:

- ▶ Particularly well suited for cutting oil and gas pipes not transporting material.
- ▶ Three-phase motor with protection from explosion and moisture with additional switch with explosion protection.

FEIN pneumatic pipe milling machines:

RDG version:

- ▶ Protection for work on water, oil and gas pipes not transporting material thanks to pneumatic drive.
- ▶ Suitable for use in potable water applications.
- ▶ Motor drive parts made from stainless material.
- ▶ The pneumatic motor's fins are resistant to swelling.
- ▶ Can even run dry for brief periods.

We are more than happy to provide technical advice.

VIBRATION AND NOISE EMISSION VALUES

Part number	Sound pressure level LpA (dB)	Uncertainty of measured value KpA (dB)	Sound power level LWA (dB)	Uncertainty of measured value KWA (dB)	Sound peak value LpCpeak (dB)	Uncertainty of measured value KpC (dB)	Vibration value 1 ahv 3-way (m/s ²)	Vibration value 2 ahv 3-way (m/s ²)	Uncertainty of measured value Ka (m/s ²)
7 105 01	75	3	86	3	91	3	2,7	1,5	
7 105 02	75	3	86	3	89	3	1,8	1,5	
7 105 03	75	3	86	3	91	3	2,5	1,5	
7 105 04	75	3	86	3	89	3	1,8	1,5	
7 109 01	75	3	86	3	91	3	2,7	1,5	
7 113 11	73	3	84	3	92	3	1	1,5	
7 113 20	65,6	3	76,6	3	78,4	3	1	1,5	
7 113 21	65,9	3	76,9	3	78,9	3	ah 0.4	1,5	
7 113 22	75,8	3	86,8	3	89,1	3	ah, D 0,6	1,5	ah 1,5
7 113 23	90,6	3	101,6	3	107,4	3	ah, D 0,5	1,5	ah 1,5 ah, ID 12,3
7 115 03	93,8	3	104,8	3	112	3	14,5	1,5	
7 115 04	90,2	3	101,2	3	113,7	3	ah 9,1	1,5	
7 115 05	91,5	3	102,5	3	111,7	3	ah 9,7	1,5	
7 115 06	96,1	3	107,1	3	118,2	3	ah 16,1	1,5	
7 115 07	93,8	3	104,8	3	114,5	3	ah 12,9	1,5	
7 116 10	74	3	75,5	3	86,5	3	1	1,5	
7 116 11	72,8	3	83,8	3	86	3	ah, D 1,5	1,5	
7 120 01	87	3	98	3	102	3	ah, AG 4,6	1,5	ah, DS 1,7
7 120 02	86,5	3	97,5	3	101,4	3	ah, AG 5,4	1,5	ah, DS 2,5
7 120 03	87	3	98	3	102	3	ah, AG 4,6	1,5	ah, DS 1,7
7 120 04	86,5	3	97,5	3	101,4	3	ah, AG 5,4	1,5	ah, DS 2,5
7 123 01	84	3	95	3	98,8	3	ah, SG50 12	1,5	ah, SG25 5
7 123 02	84,7	3	95,7	3	97,6	3	ah, SG50 12,1	1,5	ah, SG25 5,3
7 123 03	85,2	3	96,2	3	98,1	3	ah, SG50 1,8	1,5	ah, SG25 1,1 ah, P80 3,4
7 130 03	74,8	3	85,8	3	87,9	3	ah 10,1	1,5	
7 130 04	74,6	3	85,6	3	87,9	3	ah 3,3	1,5	
7 132 04	73,8	3	84,8	3	85,8	3	ah 6,5	1,5	
7 132 05	73,7	3	84,7	3	86,1	3	ah 4,7	1,5	
7 132 06	73,7	3	84,7	3	86,1	3	ah 4,7	1,5	
7 140 01	88,4	3	99,4	3	105,8	3	ah, D 4,2	1,5	ah, ID 11,8
7 170 01	82,4	3	93,4	3	97,1	3	ah, D 0,6	1,5	
7 170 02	82,4	3	93,4	3	97,1	3	ah, D 0,6	1,5	
7 202 06	88	3	99	3	103	3	ah, D 1,3	1,5	
7 202 09	86	3	97	3	102	3	ah, D 1,6	1,5	
7 205 01	81	3	92	3	99	3	ah, D 0,9	1,5	
7 205 47	81,1	3	92,1	3	95,2	3	ah, D 2.4	1,5	
7 205 49	82,1	3	93,1	3	95,6	3	ah, D 1.9	1,5	
7 205 51	82	3	93	3	96	3	3	1,5	
7 205 52	81,4	3	92,4	3	96,2	3	ah, D 4,3	1,5	
7 205 53	82,3	3	93,3	3	96	3	ah, D 3,3	1,5	
7 205 54	82,1	3	93,1	3	96,9	3	ah, D 2,9	1,5	
7 205 55	82,1	3	93,1	3	96,9	3	ah, D 2,9	1,5	
7 209 38	82	3	93	3	96	3	<1.5	1,5	
7 213 04	82	3	93	3	96	3	1	1,5	
7 221 05	87	3	98	3	103	3	ah, AG 6,0	1,5	ah, DS 2,5
7 221 06	87	3	98	3	103	3	ah, AG 6,0	1,5	ah, DS 2,5
7 221 07	87	3	98	3	103	3	ah, AG 6,0	1,5	ah, DS 2,5
7 221 08	87	3	98	3	103	3	ah, AG 6,0	1,5	ah, DS 2,5
7 221 10	87	3	98	3	103	3	ah, AG 6	1,5	ah, DS 2,5
7 221 11	87	3	98	3	103	3	ah, AG	1,5	ah, DS 2,5
7 221 13	86	3	97	3	102	3	2,4	1,5	
7 221 26	87	3	98	3	103	3	ah, AG 6,0	1,5	ah, DS 2,5
7 221 27	87	3	98	3	103	3	ah, AG 6,0	1,5	ah, DS 2,5
7 221 31	87	3	98	3		3	ah, AG 3,8	1,5	
7 221 49	84	3	95	3	100	3	ah, P 3,5	1,5	ah, DS 2,5
7 221 66	84	3	95	3	98	3	4,5	1,5	
7 221 67	85	3	96	3	101	3	ah, P/T=3 2,5	1,5	ah, P/T=6 5,0
7 221 73	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 1,8
7 221 74	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 1,8
7 221 75	89	3	100	3	104	3	ah, AG 5,0	1,5	ah, DS 2,0
7 221 76	89	3	100	3	104	3	ah, AG 5,0	1,5	ah, DS 2,0
7 221 77	90	3	101	3	105	3	ah, AG 6,0	1,5	ah, DS 1,8
7 221 78	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 221 79	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 221 87	90	3	101	3	105	3	ah, AG 7,9	1,5	ah, DS 1,5
7 221 90	90	3	101	3	105	3	ah, AG 5,9	1,5	ah, DS 2,1
7 221 91	90	3	101	3	105	3	ah, AG 5,9	1,5	ah, DS 2,1
7 221 98	87,3	3	98,3	3	103,6	3	ah, AG 8	1,5	ah, DS 2,5
7 222 07	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5

VIBRATION AND NOISE EMISSION VALUES

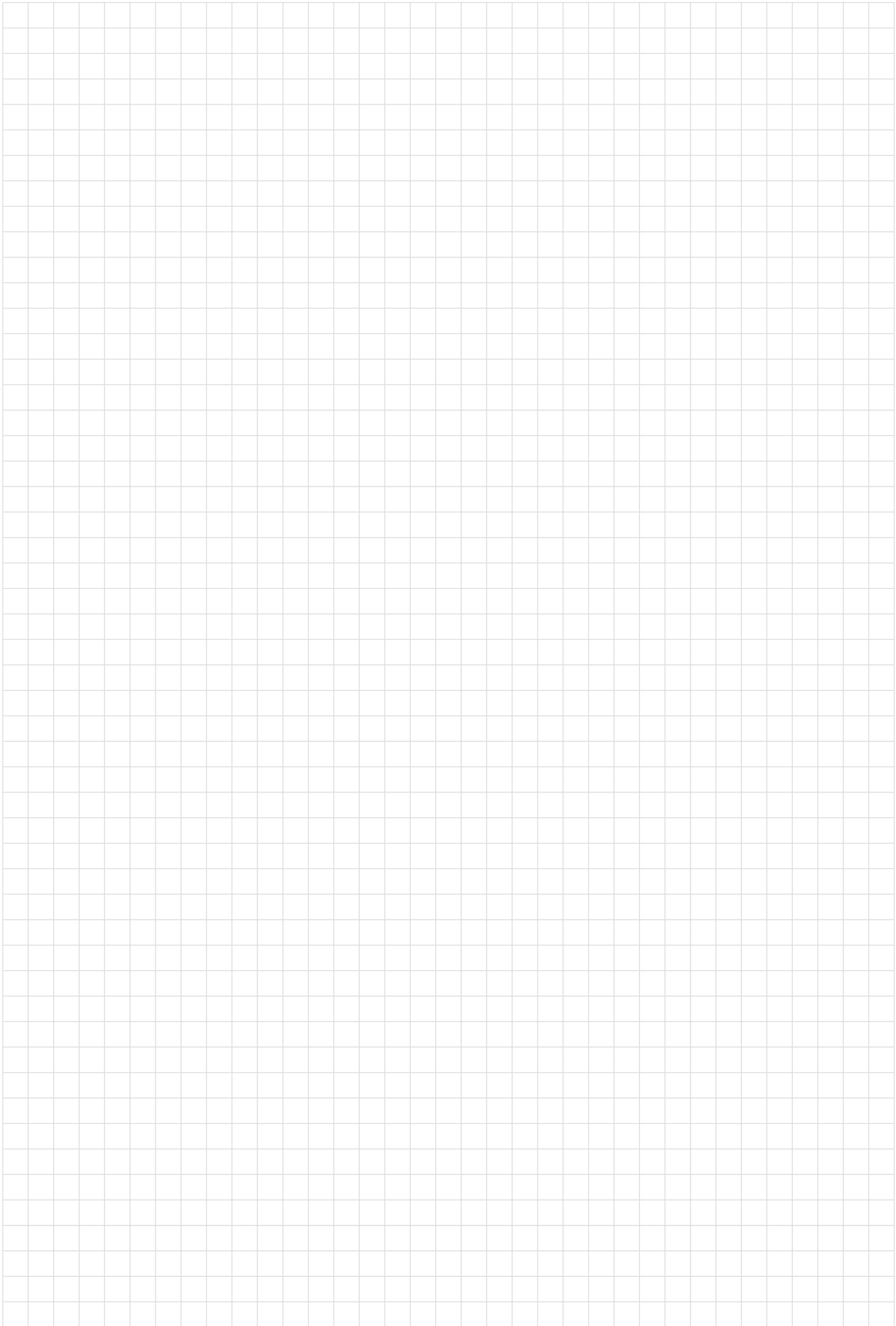
Part number	Sound pressure level LpA (dB)	Uncertainty of measured value KpA (dB)	Sound power level LWA (dB)	Uncertainty of measured value KWA (dB)	Sound peak value LpCpeak (dB)	Uncertainty of measured value KpC (dB)	Vibration value 1 ahv 3-way (m/s ²)	Vibration value 2 ahv 3-way (m/s ²)	Uncertainty of measured value Ka (m/s ²)
7 222 08	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 222 09	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 222 10	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 222 11	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 222 12	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 3,5
7 222 13	90	3	101	3	105	3	ah, AG 4,1	1,5	ah, DS 2,2
7 222 18	90	3	101	3	105	3	ah, AG 5,9	1,5	ah, DS 2,1
7 222 19	90	3	101	3	105	3	ah, AG 5,9	1,5	ah, DS 2,1
7 222 20	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 1,6
7 222 21	90	3	101	3	105	3	ah, AG 5,0	1,5	ah, DS 1,6
7 222 22	90	3	101	3	105	3	ah, AG 3,4	1,5	ah, DS 1,6
7 222 23	90	3	101	3	105	3	ah, AG 3,4	1,5	ah, DS 1,6
7 223 16	84	3	95	3	97	3	ah, SG (Ø 25 mm) 4,7	1,5	
7 223 17	84	3	95	3	97	3	ah, SG (Ø 25 mm) 4,7	1,5	ah, SG (Ø 50 mm) 7,9
7 223 18	84	3	95	3	97	3	ah, SG (Ø 25 mm) 5,3	1,5	
7 223 19	84	3	95	3	97	3	ah, SG (Ø 25 mm) 5,3	1,5	ah, SG (Ø 50 mm) 11,4
7 223 20	84	3	95	3	97	3	ah, SG (Ø 25 mm) 1,9	1,5	ah, SG (Ø 50 mm) 2,9
7 223 21	85	3	96	3	98	3	ah, SG (Ø 25 mm) 9,7	1,5	
7 223 22	85	3	96	3	98	3	ah, SG (Ø 25 mm) 9,7	1,5	
7 223 23	85	3	96	3	98	3	ah, SG (Ø 25 mm) 1,5	1,5	ah, SG (Ø 50 mm) 4,5
7 223 24	83	3	94	3	95	3	ah, SG (Ø 25 mm) 4,8	1,5	
7 223 25	83	3	94	3	95	3	ah, SG (Ø 25 mm) 1,0	1,5	ah, P 1,5
7 228 05	84	3	95	3	99	3	2	1,5	
7 230 23	86	3	97	3	103	3	12,1	1,5	
7 230 24	87	3	98	3	103,1	3	22,6	1,5	
7 230 31	81,1	3	92,1	3	93,3	3	5,7	1,5	
7 230 32	81,1	3	92,1	3	93,3	3	5,7	1,5	
7 230 33	76,2	3	87,2	3	91	3	10,8	1,5	
7 230 34	82,5	3	93,5	3	94,9	3	4,1	1,5	
7 230 35	81,7	3	92,7	3	93,8	3	4,8	1,5	
7 232 30	85	3	96	3	100	3	8,9	1,5	
7 232 31	85	3	96	3	100	3	10	1,5	
7 232 38	82	3	93	3	93	3	8,8	1,5	
7 232 39	82	3	93	3	93	3	8,8	1,5	
7 232 40	80	3	91	3	91	3	7,3	1,5	
7 232 41	82	3	93	3	93	3	9,5	1,5	
7 232 42	82	3	93	3	93	3	6,8	1,5	
7 234 15	79	3	90	3	94	3	7,8	1,5	
7 234 17	79	3	90	3	94	3	7,8	1,5	
7 234 22	89	3	100	3	102	3	7	1,5	
7 234 23	89	3	100	3	102	3	7	1,5	
7 270 32	84	3	95	3	101	3		1,5	
7 270 34	84	3	95	3	101	3		1,5	
7 270 40	82,4	3	93,4	3	97	3	< 2,5	1,5	
7 270 41	82,4	3	93,4	3	97	3	< 2,5	1,5	
7 270 42	82,4	3	93,4	3	97	3	< 2,5	1,5	
7 270 43	82,4	3	93,4	3	97	3	< 2,5	1,5	
7 270 50	87,5	3	98,5	3	102,3	3	ah, D < 2,5	1,5	
7 270 51	88,5	3	99,5	3	102,5	3	ah, D < 2,5	1,5	
7 270 52	88,5	3	99,5	3	102,5	3	ah, D < 2,5	1,5	
7 270 53	86,7	3	97,7	3	101,2	3	ah, D < 2,5	1,5	
7 270 54	86,7	3	97,7	3	101,2	3	ah, D < 2,5	1,5	
7 270 55	86,7	3	97,7	3	101,2	3	ah, D < 2,5	1,5	
7 270 56	86,7	3	97,7	3	101,2	3	ah, D < 2,5	1,5	
7 270 57	85,6	3	96,6	3	98,9	3	ah, D < 2,5	1,5	
7 270 58	85,6	3	96,6	3	98,9	3	ah, D < 2,5	1,5	
7 270 60	84,0	3	95,0	3	98,7	3	ah, D = 1,4, ah = 0,6	1,5	
7 270 61	89,4	3	100,4	3	102,6	3	2,3	1,5	
7 270 65	83,1	3	94,1	3	97,6	3	ah, D 3,6	1,5	
7 271 03	81	3	92	3	96	3	ah, D 3,5	1,5	ah, D 5,5
7 271 04	81	3	92	3	96	3	ah, D 3,5	1,5	ah, D 5,5
7 272 03	87	3	98	3	99	3		1,5	
7 272 15	84,1	3	95,1	3	98,8	3	ah, D 0,3	1,5	
7 534 08	81	3	92	3	102	3	ah, D 7.1	1,5	
7 820 62	83	3	94	3	100	3	3,9	1,5	
7 820 65	84,8	3	95,8	3	99,2	3		1,5	
7 820 71	81	3	92	3	95	3	4,3	1,5	
7 820 73	82	3	93	3	95,8	3		1,5	
7 820 75	85,4	3	96,4	3	100,4	3		1,5	

VIBRATION AND NOISE EMISSION VALUES

Part number	Sound pressure level LpA (dB)	Uncertainty of measured value KpA (dB)	Sound power level LWA (dB)	Uncertainty of measured value KWA (dB)	Sound peak value LpCpeak (dB)	Uncertainty of measured value KpC (dB)	Vibration value 1 ahv 3-way (m/s ²)	Vibration value 2 ahv 3-way (m/s ²)	Uncertainty of measured value Ka (m/s ²)
7 820 77	85,7	3	96,7	3	99,6	3		1,5	
7 820 80	82,4	3	93,4	3	99,8	3		1,5	
7 820 83	83	3	94	3	97	3	3,6	1,5	
7 820 85	81	3	92	3	95	3	4,5	1,5	
7 820 86	74	3	85	3	90	3	ah, AG 2,8	1,5	ah, DS 1,0
7 823 03	71	3	82	3	85	3	3,7	1,5	
7 823 19	79	3	90	3	92	3	5	1,5	
7 823 20	77	3	88	3	92	3	5,5	1,5	
7 824 37	83	3	94	3	101	3	2	1,5	
7 824 38	83	3	94	3	101	3	3,8	1,5	
7 824 39	84	3	95	3	103	3	Ø 125 mm=7,5 Ø 100 mm=3,3	1,5	
7 824 40	84	3	95	3	97	3	Ø 125 mm=2,0	1,5	
7 824 42	83	3	94	3		3	ah, SG80 11,8	1,5	ah, SG50 6,3

Emission values (sound/vibration) can be found at www.fein.com/vibration





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