



FEIN Metal Catalog 2020



**“WE HAVE BEEN SHAPING
THE FUTURE 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.



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.



2018

World's most compact mag drill.



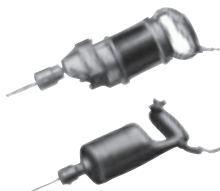
1895

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



1909

The company specialized 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.



1956

The first drill with patented plastic housing.

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.



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

THE CAREFREE COMPANION FOR THE HIGHEST WORK DEMANDS.

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 agencies, 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. 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 3-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:

- ▶ 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.



**GRINDING****11**

Cordless Angle Grinders	16	Compact Angle Grinders	18	Die Grinders	38
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GRINDING STAINLESS STEEL**51**

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MAGNETIC BASE DRILLING**97**

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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.



**Maximum power when combined
with the FEIN HighPower storage
battery!**

Core drills

Rotary hammer drill

Metal screw gun

4-speed drill/driver

2-speed (impact) drill/driver

Impact wrench/driver

8V



CONTENTS

CORDLESS ANGLE GRINDERS

Dust-resistant and powerful tool for effective work in installation applications. 16

COMPACT ANGLE GRINDERS

Three models, one unrivaled quality - the right angle grinder for every need. 18

ANGLE GRINDERS

Excellent performance, noticeable comfort and optimal safety. Angle grinder for difficult sanding and cutting tasks. 35

DIE GRINDERS

Specialized tools for use in metal working - grinding, finishing, deburring and polishing. 38

ROTARY WELDING POSITIONERS

Achieve seamless welds and increase productivity with the Roto-Star I and Roto-Star III. 47

GRINDING

GRINDING WITH FEIN: ALL THE BENEFITS AT A GLANCE.

VERY EXTENSIVE RANGE – FROM ROUGH GRINDING 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 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.

CUSTOMIZED 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.

DIVIDING, DEBURRING, SANDING, ROUGHING-DOWN: ANGLE AND DIE GRINDERS FROM FEIN.

Precise and economical result thanks to the optimally coordinated tool. FEIN offers angle and die grinders in all performance classes – from 350 to 3,700 watts. For angle grinders from 4-1/2 [115] to 9 [230] in [mm] diameter. This allows both easy as well as difficult dividing and sanding tasks to be managed comfortably with high material removal.



COMPACT ANGLE GRINDERS



- For sanding, dividing and deburring applications.
- Wheel diameters 4-1/2 [115] to 6 [150] in [mm].
- Compact design: manageable and ergonomic.



ANGLE GRINDERS



- For difficult cutting and grinding work.
- Especially powerful.
- Wheel diameters 7 [180] to 9 [230] in [mm].



DIE GRINDERS



- For milling, sanding, deburring and polishing applications.
- Perfect for work in difficult-to-reach spots.



ROTO STAR



- Achieve seamless welds and increase productivity.
- Provides a stable work platform to allow for cleaner, stronger welds.
- Adjustable work head to accommodate any work piece.



THE RIGHT SOLUTION FOR EVERY APPLICATION.

APPLICATION/ FUNCTIONALITY	COMPACT ANGLE GRINDER	ANGLE GRINDER	DIE GRINDER
Roughing down	▲▲	▲▲	▲▲
Deburring	▲	▲	▲
Cutting	●	▲▲	▲
Brushing	▲▲	▲	●
Sanding	▲▲	—	▲
Satin-finishing	▲▲**	—	▲▲*
Polishing	▲**	—	▲▲*
Milling	—	—	▲▲*
EQUIPMENT			
Blockage monitoring	●	—	—
inAutoStop in dead man's switch	●	+	—
Electronic speed preselection	●	—	●
Brake	●	●	—
PAGE	16	35	38

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

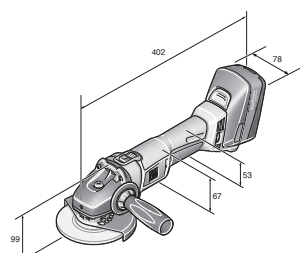
* in manual tool mode only
** only available for tools with manual speed preselection

CORDLESS ANGLE GRINDERS

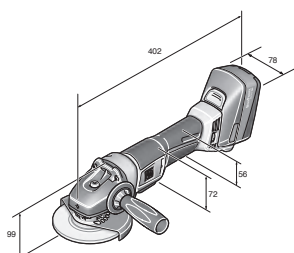
Grinding wheel Ø in [mm]			Page	Application						
				Material removal	Deburring	Cutting	Brushing	Satin finishing	Polishing	Brake
4-1/2 [115]	CCG 18-115 BL	Dust-resistant and powerful cordless angle grinder for effective cutting, grinding and deburring work in installation use.	20	▲	▲▲	▲▲	▲	▲▲	▲▲	●
	CCG 18-115 BLPD	Dust-resistant and powerful cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in installation use.	22	▲	▲▲	▲▲	▲	▲▲	▲▲	●
5 [125]	CCG 18-125 BL	Dust-resistant and powerful cordless angle grinder for effective cutting, grinding and deburring work in installation use.	21	▲	▲▲	▲▲	▲	▲▲	▲▲	●
	CCG 18-125 BLPD	Dust-resistant and powerful cordless angle grinder with dead man's switch for effective cutting, grinding and deburring work in installation use.	23	▲	▲▲	▲▲	▲	▲▲	▲▲	●

PADDLE SWITCH ANGLE GRINDERS

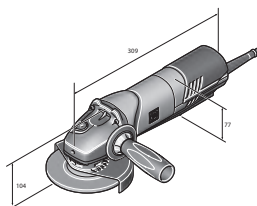
Grinding wheel Ø in [mm]			Page	Application					
				Material removal	Deburring	Cutting	Brushing	POWERtronic tacho electronics	Soft-start
4-1/2 [115]	CG 10-115 PDEV	High-performance 1,100 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work, including stainless steel.	25	▲▲	▲	▲	▲	●	●
	CG 10-115 PDE	High-performance 1,100 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work.	25	▲▲	▲	▲▲	▲▲		
5 [125]	CG 10-125 PDE	High-performance 1,100 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work.	25	▲▲	▲	▲▲	▲▲	●	●
	CG 13-125 PDE	High-performance 1,250 watt compact angle grinder with paddle switch and dead-man function for heavy-duty deburring, grinding, and cutting work, including stainless steel.	26	▲▲	▲	▲▲	▲▲	●	●
6 [150]	CG 13-150 PDEV	High-performance 1,250 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work, including stainless steel.	26	▲▲	▲	▲	▲	●	●
	CG 13-150 PDE	High-performance 1,250 watt compact angle grinder with paddle switch and dead-man function for heavy-duty deburring, grinding, and cutting work, including stainless steel.	26	▲▲	▲	▲▲	▲▲	●	●



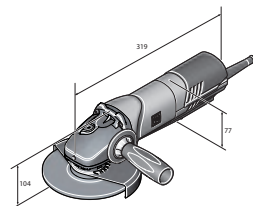
CCG 18-115 BL
CCG 18-125 BL



CCG 18-115 BLPD
CCG 18-125 BLPD



CG 10-115 PDEV CG 10-125 PDE
CG 10-115 PDE CG 13-125 PDE



CG 13-150 PDEV
CG 13-150 PDE

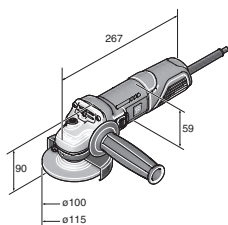
Features							Technical specifications						
Soft-start	Self-start lock	Jam monitoring	Electronic overload protection	Electronic speed selection	AutoStop dead man's switch	Battery voltage V	Battery capacity Ah	Li-ion / HighPower Li-ions**	Battery compatibility	Battery interface	Elastic backing pad Ø in [mm]	Weight incl. battery lbs [kg]	Weight without battery lbs [kg]
•	•	•	•	•		18	5.2	Li-ion / HighPower Li-ions**	MultiVolt	4-1/2 [115]	5.95 [2.70]	4.30 [1.95]	
•	•	•	•	•	•	18	5.2	Li-ion / HighPower Li-ions**	MultiVolt	4-1/2 [115]	5.95 [2.70]	4.30 [1.95]	
•	•	•	•	•		18	5.2	Li-ion / HighPower Li-ions**	MultiVolt	5 [125]	5.95 [2.70]	4.30 [1.95]	
•	•	•	•	•	•	18	5.2	Li-ion / HighPower Li-ions**	MultiVolt	5 [125]	5.95 [2.70]	4.30 [1.95]	

Features						Technical specifications				
Self-start lock	Jam monitoring	Electronic overload protection	Electronic speed selection	AutoStop dead man's switch	Power consumption W	No load speed rpm	Elastic backing pad Ø in [mm]	Mounting thread	Weight according to EPTA lbs [kg]	
•	•	•	•	•	1,140	2,700 - 10,500	4-1/2 [115]	5/8-11 in	5.30 [2.40]	
•	•			•	1,140	10,500	4-1/2 [115]	5/8-11 in	5.30 [2.40]	
•	•	•		•	1,140	10,500	5 [125]	5/8-11 in	5.30 [2.40]	
•	•	•		•	1,260	11,500	5 [125]	5/8-11 in	5.50 [2.50]	
•	•	•	•	•	1,260	2,500 - 9,500	6 [150]	5/8-11 in	5.70 [2.60]	
•	•	•		•	1,260	9,500	6 [150]	5/8-11 in	5.70 [2.60]	

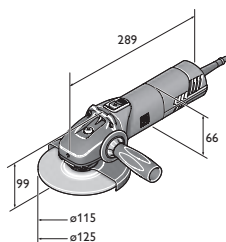
▲▲ very well-suited ▲ suitable • included ** Highest performance with FEIN HighPower Li-ion battery.

COMPACT ANGLE GRINDERS

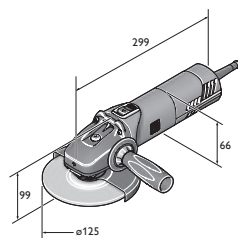
			Application					
Grinding wheel Ø in [mm]			Material removal	Deburring	Cutting	Brushing	Satin finishing	Polishing
4-1/2 [115]	WSG 7-115	Handy 700 W compact angle grinder for light grinding and cut-off work.	27	▲	▲	▲		
	WSG 7-115 PT	Handy 820 W compact angle grinder with dead man's switch for light grinding and cut-off work.	27					
	WSG 8-115	Handy 800 W compact angle grinder for deburring, grinding and cut-off work.	27	▲	▲▲	▲	▲	
5 [125]	WSG 8-125	Handy 800 W compact angle grinder for deburring, grinding and cut-off work.	28	▲	▲▲	▲	▲	
	WSG 11-125	Handy 1,100 W compact angle grinder for deburring, grinding and cut-off work.	28	▲▲	▲	▲▲	▲▲	
	WSG 11-125 RT	Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.	30	▲▲	▲	▲▲	▲	
	WSG 11-125 R	Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.	30					
	WSG 11-150 R	Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.	31					
	WSG 11-150 RT	Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.	31					
	WSG 12-125 P	Handy 1,200 W compact angle grinder with large reserve capacity for efficient grinding and cut-off work.	28	▲▲	▲	▲▲	▲▲	
	WSG 17-125 P	Handy compact angle grinder with large reserve capacity for efficient grinding and cut-off work.	29	▲▲	▲	▲▲	▲▲	
	WSG 17-125 PS	The high-torque specialist for flap and fiber discs.	29	▲▲	▲	▲▲	▲▲	
	WSG 17-70 Inox	The specialist tool with variable speed for stainless steel processing.	30	▲▲	▲	▲▲	▲▲	
	WSG 17-125 P	Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.	31	▲▲	▲	▲▲	▲▲	
	WSG 17-125 PS	Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.	32	▲▲	▲	▲	▲	
	WSG 17-70 Inox	Handy compact angle grinder with FEIN ErgoGrip for fatigue-free working with stainless steel.	33	▲▲	▲	▲	▲	▲▲
	WSG 17-125 PR	Handy compact angle grinder with FEIN ErgoGrip for fatigue-free working with stainless steel.	33	▲▲	▲	▲▲	▲▲	
6 [150]	WSG 17-150 P	Handy compact angle grinder with large reserve capacity for efficient grinding and cut-off work.	29	▲▲	▲	▲▲	▲▲	
	WSG 17-150 PR	Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.	32	▲▲	▲	▲▲	▲▲	
	WSG 17-150 PRT	Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.	32	▲▲	▲	▲▲	▲▲	



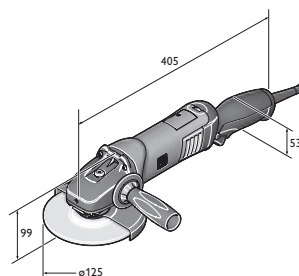
WSG 7-115



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



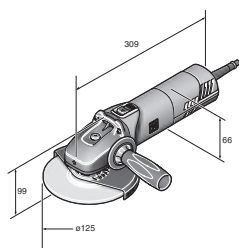
WSG 11-125
WSG 15-125 P
WSG 17-125 P



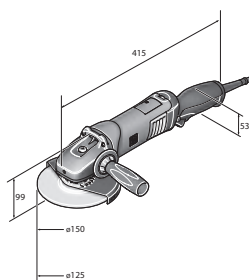
WSG 11-125 RT
WSG 15-125 PR
WSG 15-125 PRT
WSG 17-125 PR

Features								Technical specifications				
POWERtronic tacho electronics	Soft-start	Self-start lock	Jam monitoring	Electronic overload protection	Electronic speed selection	AutoStop dead man's switch	Power consumption W	No load speed rpm	Elastic backing pad Ø in [mm]	Mounting thread	Weight according to EPTA kg	
	●						760	12,500	4-1/2 [115]	5/8-11 in	3.75 [1.70]	
					●		820	12,500	4-1/2 [115]	5/8-11 in	3.75 [1.70]	
	●						800	11,000	4-1/2 [115]	5/8-11 in	4.41 [2.00]	
	●						800	11,000	5 [125]	5/8-11 in	4.41 [2.00]	
	●	●					1,100	11,000	5 [125]	5/8-11 in	4.63 [2.10]	
	●				●		1,100	11,000	5 [125]	5/8-11 in	5.29 [2.40]	
							1,100	11,000	5 [125]	5/8-11 in	5.29 [2.40]	
							1,100	8,500	6 [150]	5/8-11 in	5.51 [2.50]	
							1,100	8,500	6 [150]	5/8-11 in	5.51 [2.50]	
●	●	●	●	●			1,200	11,000	5 [125]	5/8-11 in	4.63 [2.10]	
●	●	●	●	●			1,500	11,000	5 [125]	5/8-11 in	5.07 [2.30]	
●	●	●	●	●			1,500	8,500	5 [125]	5/8-11 in	5.29 [2.40]	
●	●	●	●	●	●		1,500	2,700 - 8,500	5 [125]	5/8-11 in	5.29 [2.40]	
●	●	●	●	●			1,500	11,000	5 [125]	5/8-11 in	5.29 [2.40]	
●	●	●	●	●			1,500	11,000	5 [125]	5/8-11 in	5.29 [2.40]	
●	●	●	●	●	●		1,500	2,700 - 8,500	5 [125]	5/8-11 in	5.51 [2.50]	
●	●	●	●	●			1,500	2,700 - 8,500	5 [125]	5/8-11 in	5.51 [2.50]	
●	●	●	●	●			1,500	8,500	6 [150]	5/8-11 in	5.29 [2.40]	
●	●	●	●	●			1,500	8,500	6 [150]	5/8-11 in	5.73 [2.60]	
●	●	●	●	●	●		1,500	8,500	6 [150]	5/8-11 in	5.73 [2.60]	

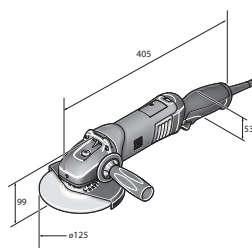
▲▲ very well-suited
▲ suitable
● included



WSG 17-125 PS
WSG 17-70 Inox



WSG 11-150 R WSG 17-150 PRT
WSG 11-150 RT WSG 17-70 Inox R
WSG 17-150 PR WSG 17-70 Inox RT



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

CORDLESS COMPACT ANGLE GRINDERS



Maximum durability:

The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.



For many applications:

Depending on the machine variant, the speed can be electronically preselected with infinite variability—and optimally coordinated to many grinding surfaces and materials.

CCG 18-115 BL



For accessories, see page 34

Price includes

2 battery packs (HighPower Li-Ions),
1 rapid charger ALG 80, 1 guard,
1 tool-free quick-action clamping nut,
1 anti-vibration handle, 1 wrench,
1 tool case

Dust-resistant and powerful cordless angle grinder for effective cutting, grinding and deburring work in installation use.

Battery voltage	V	18
Battery capacity	Ah	5.2
Battery compatibility		Li-ion / HighPower Li-Ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Weight incl. battery	lbs [kg]	5.95 [2.70]
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 01 61 09 0
EAN	4014586888385

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Dust-protected, separate motor electronics in the grip area.
- Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).
- Short set-up times thanks to the tool-free adjustable safety guard and rapid-clamping nut.
- Well-lit work area thanks to the integrated LED lamps.
- The battery capacity can be read directly on the battery.
- ** Highest performance with FEIN HighPower Li-ion battery.

CCG 18-115 BL SELECT



For accessories, see page 34

Price includes

1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

Dust-resistant and powerful cordless angle grinder for effective cutting, grinding and deburring work in installation use.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		M 14
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 01 62 09 0
EAN	4014586888415

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Dust-protected, separate motor electronics in the grip area.
- Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).
- Short set-up times thanks to the tool-free adjustable safety guard and rapid-clamping nut.
- Well-lit work area thanks to the integrated LED lamps.
- ** Highest performance with FEIN HighPower Li-ion battery.

CCG 18-125 BL



For accessories, see page 34

Price includes

2 battery packs (HighPower Li-ions), 1 rapid charger ALG 80, 1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

Dust-resistant and powerful cordless angle grinder for effective cutting, grinding and deburring work in installation use.

Battery voltage	V	18
Battery capacity	Ah	5.2
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Weight incl. battery	lbs [kg]	5.95 [2.70]
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 02 61 09 0
EAN	4014586888446

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Dust-protected, separate motor electronics in the grip area.
- Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).
- ** Highest performance with FEIN HighPower Li-ion battery.

CCG 18-125 BL SELECT



For accessories, see page 34

Price includes

1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

Dust-resistant and powerful cordless angle grinder for effective cutting, grinding and deburring work in installation use.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		M 14
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 02 62 09 0
EAN	4014586888477

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Dust-protected, separate motor electronics in the grip area.
- Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).
- ** Highest performance with FEIN HighPower Li-ion battery.

CCG 18-115 BLPD



For accessories, see page 34

Price includes

2 battery packs (HighPower Li-ions), 1 rapid charger ALG 80, 1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

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

Battery voltage	V	18
Battery capacity	Ah	5.2
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Weight incl. battery	lbs [kg]	5.95 [2.70]
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 03 61 09 0
EAN	4014586888491

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Firm grip in all applications due to the non-slip grip area.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- ** Highest performance with FEIN HighPower Li-ion battery.

CCG 18-115 BLPD SELECT



For accessories, see page 34

Price includes

1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

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

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		M 14
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 03 62 09 0
EAN	401458688521

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Firm grip in all applications due to the non-slip grip area.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Dust-protected, separate motor electronics in the grip area.
- ** Highest performance with FEIN HighPower Li-ion battery.

CCG 18-125 BLPD



For accessories, see page 34

Price includes

2 battery packs (HighPower Li-ions), 1 rapid charger ALG 80, 1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

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

Battery voltage	V	18
Battery capacity	Ah	5.2
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Weight incl. battery	lbs [kg]	5.95 [2.70]
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 04 61 09 0
EAN	401458688552

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- Firm grip in all applications due to the non-slip grip area.
- Stackable toolbox made from sturdy plastic and space for grinding material and accessories.
- ** Highest performance with FEIN HighPower Li-ion battery.

COMPACT ANGLE GRINDERS

CCG 18-125 BLPD SELECT



For accessories, see page 34

Price includes

1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench, 1 tool case

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

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,500 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		M 14
Weight without battery	lbs [kg]	4.30 [1.95]

Part Number	7 120 04 62 09 0
EAN	4014586888583

BENEFITS OF APPLICATION

- ▶ Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- ▶ Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- ▶ High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- ▶ Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- ▶ Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- ▶ Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- ▶ Extensive user protection through soft start, restart protection, electronic overload protection and brake.
- ▶ Firm grip in all applications due to the non-slip grip area.
- ▶ Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- ▶ ** Highest performance with FEIN HighPower Li-ion battery.

COMPACT ANGLE GRINDERS



Consistent work progress:

FEIN angle grinders are equipped with power reserves: They work powerfully with constant cutting speed and work progress—even under load.



FEIN ErgoGrip:

The ergonomic handle ensures maximum contact between hand and machine, even when wearing gloves. This ensures the optimal conversion of force to cutting speed.

CG 10-115 PDE



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

High-performance 1,140 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work.

Power consumption	W	1,140
Power output	W	650
No load speed	rpm	10,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13.1 [4]
Weight according to EPTA	lbs [kg]	5.30 [2.40]

Part Number	7 222 60 60 12 0
EAN	4014586643878

BENEFITS OF APPLICATION

- Safe work – thanks to the FEIN paddle switch with dead-man function.
- Fast work progress, thanks to powerful motor with 1,140 Watt.
- Very good accessibility in tight places due to compact solid metal drive head that rotates in 90° increments.

PRODUCT FEATURES

- Paddle switch with dead-man function.
- Dust protection grille - protects tool from aggressive dust.
- Tool-free, adjustable, safety guard.
- Carbon brushes with automatic shutdown.
- H 07 Industrial-strength cable.

CG 10-115 PDEV



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

High-performance 1,140 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work, including stainless steel.

Power consumption	W	1,140
Power output	W	650
No load speed	rpm	2,700 - 10,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13.1 [4]
Weight according to EPTA	lbs [kg]	5.30 [2.40]

Part Number	7 222 59 60 12 0
EAN	4014586643885

BENEFITS OF APPLICATION

- Safe work – thanks to the FEIN paddle switch with dead-man function.
- Variable speed allows use of various tools from satinizing to grinding stainless steel.
- Very good accessibility in tight places due to compact solid metal drive head that rotates in 90° increments.

PRODUCT FEATURES

- Paddle switch with dead-man function.
- Dust protection grille - protects tool from aggressive dust.
- Tool-free, adjustable, safety guard.
- Carbon brushes with automatic shutdown.
- H 07 Industrial-strength cable.

CG 10-125 PDE



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

High-performance 1,140 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work.

Power consumption	W	1,140
Power output	W	650
No load speed	rpm	10,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13.1 [4]
Weight according to EPTA	lbs [kg]	5.30 [2.40]

Part Number	7 222 61 60 12 0
EAN	4014586643892

BENEFITS OF APPLICATION

- Safe work – thanks to the FEIN paddle switch with dead-man function.
- Fast work progress, thanks to powerful motor with 1,140 Watt.
- Very good accessibility in tight places due to compact solid metal drive head that rotates in 90° increments.

PRODUCT FEATURES

- Paddle switch with dead-man function.
- Dust protection grille - protects tool from aggressive dust.
- Tool-free, adjustable, safety guard.
- Carbon brushes with automatic shutdown.
- H 07 Industrial-strength cable.

CG 13-125 PDE



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

High-performance 1,260 watt compact angle grinder with paddle switch and dead-man function for heavy-duty deburring, grinding, and cutting work, including stainless steel.

Power consumption	W	1,260
Power output	W	670
No load speed	rpm	11,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13.1 [4.0]
Weight according to EPTA	lbs [kg]	5.50 [2.50]

Part Number	7 222 64 60 12 0
EAN	4014586643908

BENEFITS OF APPLICATION

- Safe work – thanks to the FEIN paddle switch with dead-man function.
- Fast work progress, thanks to powerful motor with 1,260 Watt.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- Paddle switch with dead-man function.
- Dust protection grille - protects tool from aggressive dust.
- Tool-free, adjustable, safety guard.
- Carbon brushes with automatic shutoff.
- H 07 Industrial-strength cable.

CG 13-150 PDE



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

High-performance 1,260 watt compact angle grinder with paddle switch and dead-man function for heavy-duty deburring, grinding, and cutting work, including stainless steel.

Power consumption	W	1,260
Power output	W	670
No load speed	rpm	9,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13.1 [4.0]
Weight according to EPTA	lbs [kg]	5.70 [2.60]

Part Number	7 222 63 60 12 0
EAN	4014586643915

BENEFITS OF APPLICATION

- Safe work – thanks to the FEIN paddle switch with dead-man function.
- Fast work progress, thanks to powerful motor with 1,260 Watt.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- Paddle switch with dead-man function.
- Dust protection grille - protects tool from aggressive dust.
- Tool-free, adjustable, safety guard.
- Carbon brushes with automatic shutoff.
- H 07 Industrial-strength cable.

CG 13-150 PDEV



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

High-performance 1,260 watt compact angle grinder with paddle switch and dead-man function for complex deburring, grinding, and cutting work, including stainless steel.

Power consumption	W	1,260
Power output	W	670
No load speed	rpm	2,500 - 9,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13.1 [4]
Weight according to EPTA	lbs [kg]	5.70 [2.60]

Part Number	7 222 62 60 12 0
EAN	4014586643922

BENEFITS OF APPLICATION

- Safe work – thanks to the FEIN paddle switch with dead-man function.
- Variable speed allows use of various tools from satinizing to grinding stainless steel.
- Fast work progress, thanks to powerful motor with 1,260 Watt.

PRODUCT FEATURES

- Paddle switch with dead-man function.
- Dust protection grille - protects tool from aggressive dust.
- Tool-free, adjustable, safety guard.
- Carbon brushes with automatic shutoff.
- H 07 Industrial-strength cable.

WSG 7-115



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Handy 700 W compact angle grinder for light grinding and cut-off work.

Power consumption	W	760
Power output	W	420
No load speed	rpm	12,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	8 [2.5]
Weight according to EPTA	lbs [kg]	3.75 [1.70]

Part Number	7 221 97 60 12 0
EAN	4014586885476

BENEFITS OF APPLICATION

- Perfect economics due to side-mounted sliding switch and slim grip.
- Work with minimal fatigue due to low weight.
- Solid metal drive head for maximum robustness and service life. It rotates in 90° steps for excellent access in tight spots.

WSG 7-115 PT



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Handy 820 W compact angle grinder with dead man's switch for light grinding and cut-off work.

Power consumption	W	820
Power output	W	360
No load speed	rpm	12,500
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	3.75 [1.70]

Part Number	7 222 31 60 12 0
EAN	4014586888156

BENEFITS OF APPLICATION

- Perfect ergonomics due to slim grip.
- Work with minimal fatigue due to low weight.
- Solid metal drive head for maximum robustness and service life. It rotates in 90° steps for excellent access in tight spots.

PRODUCT FEATURES

- Dead man's switch.

WSG 8-115



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Handy 800 W compact angle grinder for deburring, grinding and cut-off work.

Power consumption	W	800
Power output	W	520
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	4-1/2 [115]
Elastic backing pad Ø	in [mm]	4-1/2 [115]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.41 [2.00]

Part Number	7 221 73 60 09 0
EAN	4014586874364

BENEFITS OF APPLICATION

- Longer carbon brush service life and more material removal than comparable angle grinders.
- Solid metal gear head for maximum strength and service life.
- The lightest of its type.

PRODUCT FEATURES

- H 07 Industrial-strength cable.
- Best vibration values in its class.
- Tool-free, adjustable, nonslip safety guard.
- Spindle lock.
- Greater safety due to the integrated restart protection.

WSG 8-125



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Handy 800 W compact angle grinder for deburring, grinding and cut-off work.

Power consumption	W	800
Power output	W	520
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.41 [2.00]

Part Number	7 221 74 60 09 0
EAN	4014586874371

BENEFITS OF APPLICATION

- Longer carbon brush service life and more material removal than comparable angle grinders.
- Solid metal gear head for maximum strength and service life.
- The lightest of its type.

PRODUCT FEATURES

- H 07 Industrial-strength cable.
- Best vibration values in its class.
- Tool-free, adjustable, nonslip safety guard.
- Spindle lock.
- Greater safety due to the integrated restart protection.
- Solid metal gear head.

WSG 11-125



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Handy 1,100 W compact angle grinder for deburring, grinding and cut-off work.

Power consumption	W	1,100
Power output	W	650
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 221 77 60 09 0
EAN	4014586874395

BENEFITS OF APPLICATION

- Longer carbon brush service life and more material removal than comparable angle grinders.
- Solid metal gear head for maximum strength and service life.
- The lightest of its type.

PRODUCT FEATURES

- H 07 Industrial-strength cable.
- Best vibration values in its class.
- Tool-free, adjustable, nonslip safety guard.
- Spindle lock.
- Greater safety due to the integrated restart protection.

WSG 12-125 P



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

Handy 1,200 W compact angle grinder with large reserve capacity for efficient grinding and cut-off work.

Power consumption	W	1,200
Power output	W	650
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 221 75 60 09 0
EAN	4014586874388

BENEFITS OF APPLICATION

- Longer carbon brush service life and more material removal than comparable angle grinders.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- The lightest and shortest of its type.
- Solid metal gear head.
- H 07 Industrial-strength cable.
- Best vibration values in its class.

WSG 17-125 P



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

Handy compact angle grinder with large reserve capacity for efficient grinding and cut-off work.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.07 [2.30]

Part Number	7 222 07 60 09 0
EAN	4014586883144

BENEFITS OF APPLICATION

- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- ▶ POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- ▶ Longer carbon brush service life and more material removal than comparable angle grinders.

PRODUCT FEATURES

- ▶ The lightest and shortest of its type.
- ▶ Solid metal gear head.
- ▶ H 07 Industrial-strength cable.
- ▶ Best vibration values in its class.

WSG 17-125 PS



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

The high-torque specialist for flap and fiber discs.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 222 09 60 09 0
EAN	4014586883267

BENEFITS OF APPLICATION

- ▶ Longer carbon brush service life and more material removal than comparable angle grinders.
- ▶ Optimum speed and high torque, especially for the use of flap and fiber discs.
- ▶ POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.

PRODUCT FEATURES

- ▶ The lightest and shortest of its type.
- ▶ Jam monitoring.
- ▶ Self-start lock.
- ▶ Soft-start.
- ▶ Electronic overload protection.
- ▶ Solid metal gear head.
- ▶ H 07 Industrial-strength cable.
- ▶ Best vibration values in its class.

WSG 17-150 P



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

Handy compact angle grinder with large reserve capacity for efficient grinding and cut-off work.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 222 11 60 09 0
EAN	4014586883397

BENEFITS OF APPLICATION

- ▶ Longer carbon brush service life and more material removal than comparable angle grinders.
- ▶ POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- ▶ The lightest and shortest of its type.
- ▶ Solid metal gear head.
- ▶ H 07 Industrial-strength cable.
- ▶ Best vibration values in its class.

WSG 17-70 INOX



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

The specialist tool with variable speed for stainless steel processing.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	2,700 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 222 13 60 09 0
EAN	4014586883526

BENEFITS OF APPLICATION

- Longer carbon brush service life and more material removal than comparable angle grinders.
- Variable speed allows use of various tools from satinizing to grinding stainless steel.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.

PRODUCT FEATURES

- The lightest and shortest of its type.
- Jam monitoring.
- Self-start lock.
- Soft-start.
- Electronic overload protection.
- Solid metal gear head.
- H 07 Industrial-strength cable.
- Best vibration values in its class.

WSG 11-125 R



For accessories, see page 34

Price includes

1 wrench, 1 pair of flanges, 1 handle, 1 guard

Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,100
Power output	W	700
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 221 86 60 09 0
EAN	4014586879857

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- Solid metal gear head for maximum strength and service life.
- Longer carbon brush service life and more material removal than comparable angle grinders.

PRODUCT FEATURES

- Best vibration values in its class.
- H07 industrial cable, 13 ft - unique in this class.
- Tool-free, adjustable, nonslip safety guard.
- The lightest of its type.

WSG 11-125 RT



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,100
Power output	W	700
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 221 87 60 09 0
EAN	4014586879901

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- Solid metal gear head for maximum strength and service life.
- Longer carbon brush service life and more material removal than comparable angle grinders.

PRODUCT FEATURES

- AutoStop dead man's switch.
- Best vibration values in its class.
- H 07 Industrial-strength cable.
- Tool-free, adjustable, nonslip safety guard.
- The lightest of its type.

WSG 11-150 R



For accessories, see page 34

Price includes

1 guard, 1 wrench, 1 handle, 1 pair of flanges

Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,100
Power output	W	700
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.51 [2.50]

Part Number	7 221 88 60 09 0
EAN	4014586879932

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- Solid metal gear head for maximum strength and service life.
- Longer carbon brush service life and more material removal than comparable angle grinders.

PRODUCT FEATURES

- Best vibration values in its class.
- H07 industrial cable, 13 ft - unique in this class.
- Tool-free, adjustable, nonslip safety guard.
- The lightest of its type.

WSG 11-150 RT



For accessories, see page 34

Price includes

1 pair of flanges, 1 guard, 1 handle, 1 wrench

Handy 1,100 W compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,100
Power output	W	700
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.51 [2.50]

Part Number	7 221 89 60 09 0
EAN	4014586879956

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- Solid metal gear head for maximum strength and service life.
- Longer carbon brush service life and more material removal than comparable angle grinders.

PRODUCT FEATURES

- AutoStop dead man's switch
- Best vibration values in its class.
- H07 industrial cable, 13 ft - unique in this class.
- Tool-free, adjustable, nonslip safety guard.
- The lightest of its type.

WSG 17-125 PR



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges, 1 anti-vibration handle, 1 wrench

Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 222 18 60 09 0
EAN	4014586883595

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- The lightest of its type.
- Solid metal gear head.
- H 07 Industrial-strength cable.
- Best vibration values in its class.

WSG 17-125 PRT



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	11,000
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 222 19 60 09 0
EAN	4014586883632

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- AutoStop dead man's switch
- The lightest of its type.
- Solid metal gear head.
- H 07 Industrial-strength cable.
- Best vibration values in its class.

WSG 17-150 PR



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.73 [2.60]

Part Number	7 222 20 60 09 0
EAN	4014586883670

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- The lightest of its type.
- Solid metal gear head.
- Best vibration values in its class.
- H 07 Industrial-strength cable.

WSG 17-150 PRT



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

Handy compact angle grinder with FEIN ErgoGrip for fatigue-free work.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	6 [150]
Elastic backing pad Ø	in [mm]	6 [150]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.73 [2.60]

Part Number	7 222 21 60 09 0
EAN	4014586883717

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- AutoStop dead man's switch
- The lightest of its type.
- Solid metal gear head.
- H 07 Industrial-strength cable.
- Best vibration values in its class.

WSG 17-70 INOX R



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

Handy compact angle grinder with FEIN ErgoGrip for fatigue-free working with stainless steel.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	2,700 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.51 [2.50]

Part Number	7 222 22 60 09 0
EAN	4014586883755

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- The lightest of its type.
- Solid metal gear head.
- Best vibration values in its class.
- H 07 Industrial-strength cable.

WSG 17-70 INOX RT



For accessories, see page 34

Price includes

1 guard, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

Handy compact angle grinder with FEIN ErgoGrip for fatigue-free working with stainless steel.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	2,700 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.51 [2.50]

Part Number	7 222 23 60 09 0
EAN	4014586883793

BENEFITS OF APPLICATION

- FEIN ErgoGrip - unique, sophisticated and patent pending ergonomic concept for fatigue free work.
- POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.

PRODUCT FEATURES

- AutoStop dead man's switch
- The lightest of its type.
- Solid metal gear head.
- Best vibration values in its class.
- H 07 Industrial-strength cable.

COMPACT ANGLE GRINDERS

GENERAL ACCESSORIES



Tool Case

Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

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



Inner flange

Part Number

6 38 01 183 01 0



Outer flange

5/8-11 in, for flexible grinding/
cutting wheels.

Part Number

6 38 02 098 00 7



Rapid charger ALG 80

For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number

9 26 04 188 01 0



Rapid charger ALG 50

For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number

9 26 04 131 01 0



FEIN Surface grinding guard

It is intended for wheels up to
5 [125] in [mm] diameter. It fits
a variety of 4-1/2 [115] -
6 [150] in [mm] grinders. It's
made for heavy-duty construction
applications and creates a
dust-free environment. Ideally
suited for grinding and sanding
concrete or surface prep work.
Combine our compact angle
grinders and Turbo II X AC HEPA
vacuum for a complete system.

Part Number

6 99 08 116 03 1



FEIN Tuckpointing guard

It is intended for use when
grinding with wheels up to
5 [125] in [mm] diameter. It's
made for heavy-duty construction
applications and creates a
dust-free environment. Ideally
suited for tuckpointing and crack
chasing applications. Combine our
compact angle grinders and
Turbo II X AC HEPA vacuum for
a complete system.

Part Number

6 99 08 116 03 2

18 VOLT BATTERY



HighPower battery pack

HighPower Li-ion battery with
high-current cells, charge indicator
and FEIN SafetyCell Technology.
Continuously high current output
with 75% higher amperage than
Li-ion batteries. Recommended
for FEIN cordless magnet core
drills and cordless angle grinders.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	5.2	9 26 04 179 02 0



HighPower battery starter set

2 HighPower Lithium-ion batteries
with ALG 50 rapid charger.

Current/ Voltage V	Capacity Ah	Part Number
18	5.2	9 26 04 310 01 0



HighPower battery starter set

2 HighPower Lithium-ion batteries
with ALG 80 rapid charger.

Current/ Voltage V	Capacity Ah	Part Number
18	5.2	9 26 04 320 01 0

SAFETY GUARDS



Safety guard

For flap grinding and scrub discs

Dia. in [mm]	Part Number
4-1/2 [115]	3 18 10 299 00 0
5 [125]	3 18 10 300 00 0
6 [150]	3 18 10 301 00 0



Safety guard for cutting work

For safe work with cut-off discs

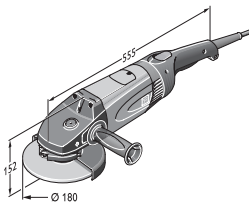
Dia. in [mm]	Part Number
4-1/2 [115]	6 38 11 016 01 0
5 [125]	6 38 11 017 01 0
6 [150]	6 38 11 018 01 0

ANGLE GRINDERS

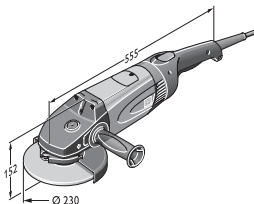


		WSG 20-180		WSG 20-230	
		Powerful angle grinder for grinding work.		Powerful angle grinder for cutting and grinding work.	
	Page	36		36	
Technical specifications	Power consumption	W	2,000		2,000
	Power output	W	1,250		1,250
	No load speed	rpm	8,500		6,600
	Grinding wheel Ø	in [mm]	7 [180]		9 [230]
	Elastic backing pad Ø	in [mm]	7 [180]		9 [230]
	Mounting thread		5/8-11 in		5/8-11 in
Weight according to EPTA		lbs [kg]	12.35 [5.60]		12.35 [5.60]
Application	Material removal		▲▲		▲▲
	Deburring		▲		▲
	Cutting		▲		▲
Features	Soft-start		●		●
	Self-start lock		●		●
	AutoStop dead man's switch		+		+
	FEIN high-performance motor		●		●

▲▲ very well-suited ▲ suitable ● included + optional



WSG 20-180



WSG 20-230

ANGLE GRINDERS



For difficult grinding work:

FEIN angle grinders provide consistent power over the entire operating range.

Protection of the user:

You receive the FEIN angle grinder with many safety features, such as soft start, the electrical brake system or a rotating, ergonomic handle. You benefit from the highest degree of protection in the workplace.

WSG 20-180

Powerful angle grinder for grinding work.



For accessories, see page 37

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Power consumption	W	2,000
Power output	W	1,250
No load speed	rpm	8,500
Grinding wheel Ø	in [mm]	7 [180]
Elastic backing pad Ø	in [mm]	7 [180]
Mounting thread		5/8-11 in
Weight according to EPTA	lbs [kg]	12.35 [5.60]

Part Number	7 221 07 09 63 7
EAN	4014586852201

BENEFITS OF APPLICATION

- FEIN high performance motor - high removal rate over the entire operating range with loading up to 150%.
- Low gear head design for tight areas.
- Soft-start for safe handling.

PRODUCT FEATURES

- Rear handle can be rotated through 4 positions.
- Dustproof ball bearing.
- Sealed electronic components.
- Carbon brushes with automatic switch-off function.
- Self-start lock.

WSG 20-230

Powerful angle grinder for cutting and grinding work.



For accessories, see page 37

Price includes

1 guard, 1 pair of flanges, 1 handle, 1 wrench

Power consumption	W	2,000
Power output	W	1,250
No load speed	rpm	6,600
Grinding wheel Ø	in [mm]	9 [230]
Elastic backing pad Ø	in [mm]	9 [230]
Mounting thread		5/8-11 in
Weight according to EPTA	lbs [kg]	12.35 [5.60]

Part Number	7 221 08 09 63 3
EAN	4014586852232

BENEFITS OF APPLICATION

- FEIN high performance motor - high removal rate over the entire operating range with loading up to 150%.
- Low gear head design for tight areas.
- Soft-start for safe handling.

PRODUCT FEATURES

- Rear handle can be rotated through 4 positions.
- Dustproof ball bearing.
- Sealed electronic components.
- Carbon brushes with automatic switch-off function.
- Self-start lock.

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



Connection piece
Extremely versatile for connection
of power tools and accessories
to dust extraction at the vacuum
cleaner. Flexible rubber sleeve,
length 2-3/4 in [70 mm], internal
dia. 1-1/4 in [31.5 mm].

Part Number
3 13 22 771 00 9

SAFETY GUARDS



Safety guard for cutting work

Dia. in [mm]	Part Number
7 [180]	6 38 11 004 01 0
9 [230]	6 38 11 005 01 0



Dust extraction device
With adjustable guide for
cutting wheels Ø 7 in [180 mm],
cutting depth 1-9/16 in [40 mm],
connection Ø 1-1/4 in [32 mm]

Part Number
9 06 04 008 01 3



Dust extraction device
With adjustable guide for
cutting wheels Ø 9 in [230 mm],
cutting depth 2-9/16 in [65 mm],
connection Ø 1-1/4 in [32 mm]

Part Number
9 06 04 009 01 7

WSG ACCESSORIES



Outer flange
5/8-11 in, for flexible grinding/
cutting wheels.

Part Number
6 38 02 098 00 7



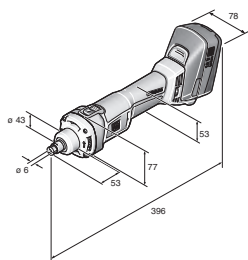
Inner flange

Part Number
6 38 01 183 01 0

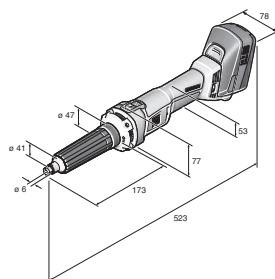
DIE GRINDERS

				Application						
				Milling	Material removal	Grinding	Deburring	Cutting	Brushing	
Machine type				Page						
Cordless	AGSZ 18-280 BL	Dust-resistant and powerful compact cordless die grinder for effective cutting, sanding, deburring and milling work.	40	▲▲	▲▲	▲▲	▲	▲	▲	
	AGSZ 18-280 LBL	Dust-resistant and powerful compact cordless die grinder with high plunge depth for effective cutting, sanding, deburring and milling work.	41	▲▲	▲▲	▲▲	▲	▲		
	AGSZ 18-90 LBL	Dust-resistant and powerful, compact cordless die grinder with high plunge depth for sanding and polishing work.	42			▲▲			▲▲	
Corded	GSZ 4-280 EL	Extremely handy die grinder with long reach for light grinding and polishing work in especially difficult-to-reach spots.	42	▲▲	▲▲	▲▲	▲		▲	
	GSZ 4-90 EL	Extremely handy die grinder for stainless steel processing with long reach for light grinding and polishing work in especially difficult-to-reach spots.	43		▲▲				▲▲	
	GSZ 8-280 P	Handy, high-performance die grinder for grinding and deburring work in difficult-to-reach spots, also suitable for semi-stationary use.	43	▲▲		▲▲				
	GSZ 8-280 PE	Handy, high-performance die grinder for grinding and deburring work in difficult-to-reach spots, also suitable for semi-stationary use.	43	▲▲	▲▲	▲▲	▲		▲	
	GSZ 8-280 PL	Handy, high performance die grinder with long reach for difficult grinding and deburring work in difficult-to-reach spots.	44	▲▲	▲▲	▲▲	▲			
	GSZ 8-280 PEL	Handy, high performance die grinder with long reach for difficult grinding and deburring work in difficult-to-reach spots.	44	▲▲	▲▲	▲▲	▲		▲	
	GSZ 8-90 PEL	Handy, high performance die grinder for stainless steel processing with long reach for grinding and polishing work in especially difficult-to-reach spots.	44			▲▲			▲▲	
	GSZ 11-320 PRL	Handy, extremely high performance die grinder with long reach for difficult grinding and deburring work in hard-to-reach locations.	45	▲▲	▲▲	▲▲	▲		▲	
	GSZ 11-320 PERL	Handy, extremely high performance die grinder with long reach for difficult grinding and deburring work in hard-to-reach locations.	45	▲▲	▲▲	▲▲	▲		▲	
	GSZ 11-90 PERL	Handy and extremely high performance die grinder for stainless steel processing with long reach for difficult grinding and polishing work.	45			▲▲		▲	▲▲	

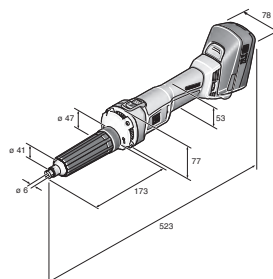
▲▲ very well-suited ▲ suitable ● Included



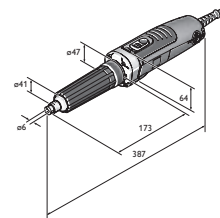
AGSZ 18-280 BL



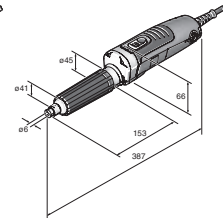
AGSZ 18-280 LBL



AGSZ 18-90 LBL

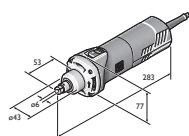


GSZ 4-280 EL

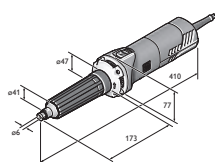


GSZ 4-90 EL

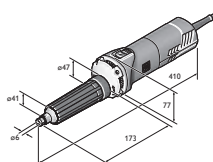
				Features	Technical specifications										
					Satin finishing	Polishing	Long neck	Power consumption W	Battery voltage V	Battery capacity Ah	Battery compatibility	Battery interface	No load speed rpm	Grinding wheel for max. Ø in [mm]	Collet for max. Ø in [mm]
					18		Li-ion / HighPower Li-Ions	MultiVolt	9,000 - 28,000	2 [50]	1/4 [8]		4.63 [2.10]	3.09 [1.40]	
					18	3	Li-ion / HighPower Li-Ions	MultiVolt	9,000 - 28,000	2 [50]	1/4 [8]		5.07 [2.30]	3.53 [1.60]	
	▲▲	▲▲			18		Li-ion / HighPower Li-Ions	MultiVolt	2,900 - 9,000	2 [50]	1/4 [8]		5.51 [2.50]	3.97 [1.80]	
			●	350					13,000 - 28,000	3/4 [20]	1/4 [6]	3.31 [1.50]			
	▲▲	▲▲	●	350					3,500 - 8,500	3/4 [20]	1/4 [6]	3.31 [1.50]			
				750					28,000	1-3/4 [45]	1/4 [8]	3.09 [1.40]			
				750					8,500 - 28,000	2 [50]	1/4 [8]	3.09 [1.40]			
			●	750					28,000	1-3/4 [45]	1/4 [8]	3.97 [1.80]			
			●	750					8,500 - 28,000	2 [50]	1/4 [8]	3.97 [1.80]			
	▲▲	▲▲	●	710					2,500 - 9,000	2 [50]	1/4 [8]	3.97 [1.80]			
			●	1 010					32,500	1-3/4 [45]	1/4 [8]	4.63 [2.10]			
			●	1 010					9,500 - 32,500	1-3/4 [45]	1/4 [8]	4.63 [2.10]			
	▲▲	▲▲	●	1 010					2,900 - 9,900	2 [50]	1/4 [8]	4.85 [2.20]			



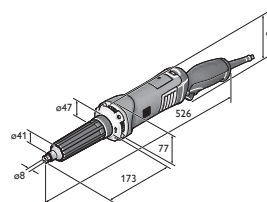
GSZ 8-280 P
GSZ 8-280 PE
GSZ 8-280 PEL



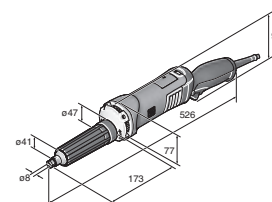
GSZ 8-280 PL



GSZ 8-90 PEL



GSZ 11-320 PRL
GSZ 11-320 PERL



GSZ 11-90 PERL

DIE GRINDERS



For many applications:
Depending on the machine variant, the speed can be electronically preselected with infinite variability—and optimally coordinated to many grinding surfaces and materials.



Grinding inside pipes:
The long, slender neck of the FEIN die grinder lets you reach deep into the pipe for inside grinding.

AGSZ 18-280 BL SELECT



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3,
Spanner SW17, 1 tool case

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

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	9,000 - 28,000
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Milling machine max. dia.	in [mm]	1/2 [12]
Weight without battery	lbs [kg]	3.09 [1.40]

Part Number	7 123 01 62 09 0
EAN	4014586888644

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Dust-protected, separate motor electronics in the grip area.
- Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).

AGSZ 18-280 LBL



For accessories, see page 46

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 collet Ø 1/4 in [6 mm], Spanner size 3, Spanner SW17, 1 tool case

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

Battery voltage	V	18
Battery capacity	Ah	3
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	9,000 - 28,000
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Milling machine max. dia.	in [mm]	1/2 [12]
Weight incl. battery	lbs [kg]	5.07 [2.30]
Weight without battery	lbs [kg]	3.53 [1.60]

Part Number	7 123 02 61 09 0
EAN	4014586888675

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.

AGSZ 18-280 LBL
SELECT

For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3, Spanner SW17, 1 tool case

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

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	9,000 - 28,000
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Milling machine max. dia.	in [mm]	1/2 [12]
Weight without battery	lbs [kg]	3.53 [1.60]

Part Number	7 123 02 62 09 0
EAN	4014586888705

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Longer, more narrow neck enables deep immersion in workpieces (e.g. grinding inside pipes).
- Replaceable rubber neck bearing casing.

AGSZ 18-90 LBL SELECT



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3, Spanner SW17, 1 tool case

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

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	2,900 - 9,000
Polishing disc Ø	in [mm]	3-1/4 [80]
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Milling machine max. dia.	in [mm]	1/2 [12]
Weight without battery	lbs [kg]	3.97 [1.80]

Part Number	7 123 03 62 09 0
EAN	4014586888767

BENEFITS OF APPLICATION

- Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.

PRODUCT FEATURES

- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- Very smooth running and vibration-free operation through the standalone motor—decoupled from the housing—and four additional vibration dampers.
- Extensive user protection through soft start, restart protection and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- Longer, more narrow neck enables deep immersion in workpieces (e.g. grinding inside pipes).
- Replaceable rubber neck bearing casing.

GSZ 4-280 EL



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3, Spanner SW17

Extremely handy die grinder with long reach for light grinding and polishing work in especially difficult-to-reach spots.

Power consumption	W	350
Power output	W	170
No load speed	rpm	13,000 - 28,000
Grinding wheel for max. Ø	in [mm]	3/4 [20]
Collet for max. Ø	in [mm]	1/4 [6]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.31 [1.50]

Part Number	7 223 24 60 09 0
EAN	4014586880617

BENEFITS OF APPLICATION

- Long, narrow neck and a max. width of 8-1/4 in [210 mm] allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- Variable speed allows different tools to be used.

PRODUCT FEATURES

- Motor and electronics protected against metal dust.
- Replaceable rubber neck bearing casing.

GSZ 4-90 EL



For accessories, see page 46

Price includes

Spanner SW17, 1 collet Ø 1/4 in [6 mm],
Spanner size 3

Extremely handy die grinder for stainless steel processing with long reach for light grinding and polishing work in especially difficult-to-reach spots.

Power consumption	W	350
Power output	W	170
No load speed	rpm	3,500 - 8,500
Polishing disc Ø	in [mm]	2 [50]
Grinding wheel for max. Ø	in [mm]	3/4 [20]
Collet for max. Ø	in [mm]	1/4 [6]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.31 [1.50]

Part Number	7 223 25 60 09 0
EAN	4014586880662

BENEFITS OF APPLICATION

- ▶ Long, narrow neck and a max. width of 8-1/4 in [210 mm] allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- ▶ Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- ▶ Variable speed allows different tools to be used.

PRODUCT FEATURES

- ▶ Motor and electronics protected against metal dust.
- ▶ Replaceable rubber neck bearing casing.

GSZ 8-280 P



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3,
Spanner SW17

Handy, high-performance die grinder for grinding and deburring work in difficult-to-reach spots, also suitable for semi-stationary use.

Power consumption	W	750
Power output	W	400
No load speed	rpm	28,000
Grinding wheel for max. Ø	in [mm]	1-3/4 [45]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	3.09 [1.40]

Part Number	7 223 16 60 09 0
EAN	4014586879529

BENEFITS OF APPLICATION

- ▶ Compact shape for use in exceptionally tight spots, 1-11/16 in [43 mm] dia. collar for semi-stationary use as a milling motor (e.g. as a copy milling machine).
- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- ▶ Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- ▶ POWERtronic tacho electronics for enormous power, reserve capacity and extremely uniform speed under load.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-280 PE



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3,
Spanner SW17

Handy, high-performance die grinder for grinding and deburring work in difficult-to-reach spots, also suitable for semi-stationary use.

Power consumption	W	750
Power output	W	400
No load speed	rpm	8,500 - 28,000
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	3.09 [1.40]

Part Number	7 223 17 60 09 0
EAN	4014586879567

BENEFITS OF APPLICATION

- ▶ Compact shape for use in exceptionally tight spots, 1-11/16 in [43 mm] dia. collar for semi-stationary use as a milling motor (e.g. as a copy milling machine).
- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- ▶ Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- ▶ Variable speed allows different tools to be used.
- ▶ POWERtronic tacho electronics for enormous power, reserve capacity and extremely uniform speed under load.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-280 PL



For accessories, see page 46

Price includes

Spanner size 3, 1 collet Ø 1/4 in [6 mm],
Spanner SW17

Handy, high performance die grinder with long reach for difficult grinding and deburring work in difficult-to-reach spots.

Power consumption	W	750
Power output	W	410
No load speed	rpm	28,000
Grinding wheel for max. Ø	in [mm]	1-3/4 [45]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 223 18 60 09 0
EAN	4014586879611

BENEFITS OF APPLICATION

- ▶ Long, narrow neck allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- ▶ Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- ▶ POWERtronic tach electronics for enormous power, reserve capacity and extremely uniform speed under load.
- ▶ Replaceable rubber neck bearing casing.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-280 PEL



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3,
Spanner SW17

Handy, high performance die grinder with long reach for difficult grinding and deburring work in difficult-to-reach spots.

Power consumption	W	750
Power output	W	410
No load speed	rpm	8,500 - 28,000
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 223 19 60 09 0
EAN	4014586879659

BENEFITS OF APPLICATION

- ▶ Long, narrow neck allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- ▶ Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- ▶ Variable speed allows different tools to be used.
- ▶ POWERtronic tach electronics for enormous power, reserve capacity and extremely uniform speed under load.
- ▶ Replaceable rubber neck bearing casing.
- ▶ Motor and electronics protected against metal dust.

GSZ 8-90 PEL



For accessories, see page 46

Price includes

1 collet Ø 1/4 in [6 mm], Spanner size 3,
Spanner SW17

Handy, high performance die grinder for stainless steel processing with long reach for grinding and polishing work in especially difficult-to-reach spots.

Power consumption	W	710
Power output	W	410
No load speed	rpm	2,500 - 9,000
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 223 20 60 09 0
EAN	4014586879697

BENEFITS OF APPLICATION

- ▶ Long, narrow neck allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- ▶ Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- ▶ Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- ▶ POWERtronic tach electronics for enormous power, reserve capacity and extremely uniform speed under load.
- ▶ Replaceable rubber neck bearing casing.
- ▶ Motor and electronics protected against metal dust.

GSZ 11-320 PRL



For accessories, see page 46

Price includes

1 collet Ø 5/16 in [8 mm], Spanner size 3,
Spanner SW17

Handy, extremely high performance die grinder with long reach for difficult grinding and deburring work in hard-to-reach locations.

Power consumption	W	1,010
Power output	W	620
No load speed	rpm	32,500
Grinding wheel for max. Ø	in [mm]	1-3/4 [45]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 223 21 60 09 0
EAN	4014586880846

BENEFITS OF APPLICATION

- Long, narrow neck allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- POWERtronic tacho electronics for enormous power, reserve capacity and extremely uniform speed under load.
- Replaceable rubber neck bearing casing.
- Motor and electronics protected against metal dust.

GSZ 11-320 PERL



For accessories, see page 46

Price includes

Spanner size 3, 1 collet, 1/4 in dia.,
Spanner SW17

Handy, extremely high performance die grinder with long reach for difficult grinding and deburring work in hard-to-reach locations.

Power consumption	W	1,010
Power output	W	620
No load speed	rpm	9,500 - 32,500
Grinding wheel for max. Ø	in [mm]	1-3/4 [45]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 223 22 60 09 0
EAN	4014586880518

BENEFITS OF APPLICATION

- Long, narrow neck allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- Variable speed allows different tools to be used.
- POWERtronic tacho electronics for enormous power, reserve capacity and extremely uniform speed under load.
- Replaceable rubber neck bearing casing.
- Motor and electronics protected against metal dust.

GSZ 11-90 PERL



For accessories, see page 46

Price includes

1 collet, 1/4 in dia., Spanner size 3,
Spanner SW17

Handy and extremely high performance die grinder for stainless steel processing with long reach for difficult grinding and polishing work.

Power consumption	W	1,010
Power output	W	620
No load speed	rpm	2,900 - 9,900
Polishing disc Ø	in [mm]	3-1/4 [80]
Grinding wheel for max. Ø	in [mm]	2 [50]
Collet for max. Ø	in [mm]	1/4 [8]
Clamping neck	in [mm]	1-3/4 [43]
Milling machine max. dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.85 [2.20]

Part Number	7 223 23 60 09 0
EAN	4014586880532

BENEFITS OF APPLICATION

- Long, narrow neck allows tool to reach deep into workpieces (e.g. grinding inside pipes).
- Extensive operator protection due to kickback stop, self-start lock, soft start, and electronic overload protection.
- Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.

PRODUCT FEATURES

- Variable speed allows different tools to be used.
- POWERtronic tacho electronics for enormous power, reserve capacity and extremely uniform speed under load.
- Replaceable rubber neck bearing casing.
- Motor and electronics protected against metal dust.

GENERAL ACCESSORIES



Tool Case

Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number

3 39 01 119 00 0



Rapid charger ALG 80

For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number

9 26 04 188 01 0



Rapid charger ALG 50

For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number

9 26 04 131 01 0

18 VOLT BATTERY



Rechargeable battery

Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set

Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

COLLETS FOR GSZ 4, GSZ 8, GSZ 11



Collets

With wrap-around collar for
workpiece protection and to
prevent the wrench slipping when
changing tools.

Dia.	Part Number
1/8 [3] in [mm]	6 32 07 130 00 0
15/64 [6] in [mm]	6 32 07 128 00 0
5/16 [8] in [mm]	6 32 07 129 00 0
1/4 in	6 32 07 131 00 0



Collets Inox

Stainless steel version, with wrap-
around collar for workpiece pro-
tection and to prevent the wrench
slipping when changing tools.

Dia.	Part Number
1/8 [3] in [mm]	6 32 07 132 00 0
15/64 [6] in [mm]	6 32 07 133 00 0
5/16 [8] in [mm]	6 32 07 134 00 0
1/4 in	6 32 07 135 00 0

ROTO-STAR I



For accessories, see page 49

Price includes

1 chuck, 1 standard foot pedal, 1 control box

Rotary welding positioner with chuck for work pieces up to 200 [90] lbs [kg] and 3-1/2 [89] in [mm] diameter with standard foot pedal and control box.

Current/Voltage		1 x 120 V
Chuck	in [mm]	6 [150]
Swing at 0°	in [mm]	16 [406]
Vertical weight capacity	lbs [kg]	200 [90.5]
Horizontal weight capacity	lbs [kg]	100 [45.5]
Thru spindle part capacity	in [mm]	1-1/2 [38]
Spindle speed	rpm	0-10
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	60 [27]

Part Number	3 13 43 790 03 0
EAN	4014586760438

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.
- Optional rotary 12 [305] in [mm] surface plate.
- Optional variable speed foot pedal and with control box.

ROTO-STAR I



For accessories, see page 49

Price includes

1 chuck, 1 variable speed foot pedal, 1 control box

Rotary welding positioner with chuck for work pieces up to 200 [90] lbs [kg] and 3-1/2 [89] in [mm] diameter with variable speed foot pedal and control box.

Current/Voltage		1 x 120 V
Chuck	in [mm]	6 [150]
Swing at 0°	in [mm]	16 [406]
Vertical weight capacity	lbs [kg]	200 [90.5]
Horizontal weight capacity	lbs [kg]	100 [45.5]
Thru spindle part capacity	in [mm]	1-1/2 [38]
Spindle speed	rpm	0-10
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	60 [27]

Part Number	3 13 43 790 13 0
EAN	4014586760483

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.
- Optional rotary 12 [305] in [mm] surface plate.

ROTO-STAR I - P



For accessories, see page 49

Price includes

1 standard foot pedal, 1 control box, 1 surface plate

Rotary welding positioner with surface plate for work pieces up to 200 [90] lbs [kg] with standard foot pedal and control box.

Current/Voltage		1 x 120 V
Turn table size	in [mm]	12 [305]
Swing at 0°	in [mm]	16 [406]
Vertical weight capacity	lbs [kg]	200 [90.5]
Horizontal weight capacity	lbs [kg]	100 [45.5]
Spindle speed	rpm	0-10
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	60 [27]

Part Number	3 13 43 790 09 0
EAN	4014586760452

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.
- Optional variable speed foot pedal and with control box.

ROTO-STAR I - P



For accessories, see page 49

Price includes

- 1 variable speed foot pedal, 1 control box,
- 1 surface plate

Rotary welding positioner with surface plate for work pieces up to 200 [90] lbs [kg] with variable speed foot pedal and control box.

Current/Voltage		1 x 120 V
Turn table size	in [mm]	12 [305]
Swing at 0°	in [mm]	16 [406]
Vertical weight capacity	lbs [kg]	200 [90.5]
Horizontal weight capacity	lbs [kg]	100 [45.5]
Spindle speed	rpm	0-10
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	60 [27]

Part Number	3 13 43 790 12 0
EAN	4014586760476

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.

ROTO-STAR III



For accessories, see page 49

Price includes

- 1 chuck, 1 standard foot pedal, 1 control box

Rotary welding positioner with chuck for work pieces up to 250 [113] lbs [kg] and 4-1/2 [114] in [mm] diameter with standard foot pedal and control box.

Current/Voltage		1 x 120 V
Chuck	in [mm]	8 [203]
Swing at 0°	in [mm]	20 [508]
Vertical weight capacity	lbs [kg]	250 [113.5]
Horizontal weight capacity	lbs [kg]	150 [68]
Thru spindle part capacity	in [mm]	2-1/2 [64]
Spindle speed	rpm	0-8
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	90 [41]

Part Number	3 13 43 790 14 0
EAN	4014586760490

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.
- Optional rotary 16 [406] in [mm] surface plate.
- Optional variable speed foot pedal and with control box.

ROTO-STAR III



For accessories, see page 49

Price includes

- 1 chuck, 1 variable speed foot pedal,
- 1 control box

Rotary welding positioner with chuck for work pieces up to 250 [113] lbs [kg] and 4-1/2 [114] in [mm] diameter with variable speed foot pedal and control box.

Current/Voltage		1 x 120 V
Chuck	in [mm]	8 [203]
Swing at 0°	in [mm]	20 [508]
Vertical weight capacity	lbs [kg]	250 [113.5]
Horizontal weight capacity	lbs [kg]	150 [68]
Thru spindle part capacity	in [mm]	2-1/2 [64]
Spindle speed	rpm	0-8
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	90 [41]

Part Number	3 13 43 790 26 0
EAN	4014586760551

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.
- Optional rotary 16 [406] in [mm] surface plate.

ROTO-STAR III - P



For accessories, see page 49

Price includes

1 chuck, 1 standard foot pedal, 1 control box

Rotary welding positioner with surface plate for work pieces up to 250 [113] lbs [kg] with standard foot pedal and control box.

Current/Voltage		1 x 120 V
Turn table size	in [mm]	16 [406]
Swing at 0°	in [mm]	20 [508]
Vertical weight capacity	lbs [kg]	250 [113.5]
Horizontal weight capacity	lbs [kg]	150 [68]
Thru spindle part capacity	in [mm]	2-1/2 [64]
Spindle speed	rpm	0-8
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	90 [41]

Part Number	3 13 43 790 21 0
EAN	4014586760520

BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.
- Optional variable speed foot pedal and with control box.

ROTO-STAR III - P



For accessories, see page 49

Price includes

1 chuck, 1 variable speed foot pedal,
1 control box

Rotary welding positioner with surface plate for work pieces up to 250 [113] lbs [kg] with variable speed foot pedal and control box.

Current/Voltage		1 x 120 V
Turn table size	in [mm]	16 [406]
Swing at 0°	in [mm]	20 [508]
Vertical weight capacity	lbs [kg]	250 [113.5]
Horizontal weight capacity	lbs [kg]	150 [68]
Thru spindle part capacity	in [mm]	2-1/2 [64]
Spindle speed	rpm	0-8
Angle adjustment		0-90°
Grounding capacity	Amp	300
Weight	lbs [kg]	90 [41]

Part Number	3 13 43 790 25 0
EAN	4014586760544

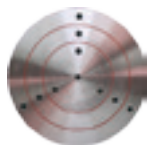
BENEFITS OF APPLICATION

- Provides stable work platform for increased productivity and seamless welds.
- Rotates a full 360 degree at a steady speed to weld safely and quickly.
- Pitch up to a 90 degree angle at 15 degrees increments offering enhanced mobility and functionality.

PRODUCT FEATURES

- Increases safety by eliminating operator fatigue.
- Increases production by reducing handling and by maneuvering of parts.
- Light weight and heavy duty construction.
- Provides stable work area to perfect high quality welds.

DIE GRINDERS

GENERAL ACCESSORIES**Surface plate**

Rotary surface plate for chuck for Roto-Star provides stable work area to perfect high quality welds.

Dia. in [mm]	Part Number
12 [305]	3 13 43 710 01 0
16 [406]	3 13 43 710 03 0

**Variable speed set**

Variable speed foot pedal and control box for hands-free operation for Roto Star I and III.

Part Number
3 13 43 751 05 0

**Arm rest**

Adjustable arm rest for Roto Star I and III welding positioners.

Part Number
3 13 43 710 06 0

**Purge plug**

The Roto-Star purge plug is ideal when welding stainless steel, aluminum, or alloys. It enables you to easily fill the unit with inert gas to maintain the quality of the welded stock and to prevent corrosion and color alterations of the material. For Roto-Star I.

Dia. in [mm]	Part Number
1-1/2 [38]	3 13 43 710 09 0

**Purge plug**

The Roto-Star purge plug is ideal when welding stainless steel, aluminum, or alloys. It enables you to easily fill the unit with inert gas to maintain the quality of the welded stock and to prevent corrosion and color alterations of the material. For Roto-Star III.

Dia. in [mm]	Part Number
2-1/2 [63]	3 13 43 710 10 0

**Idler roller assembly**

To support long segments of stock while welding on the Roto Star I and III. Adjustable for various OD material. Mounts to table.

Part Number
3 13 43 790 01 0

GRINDING STAINLESS STEEL



CONTENTS

COMPACT ANGLE GRINDERS

The high-performance specialist tool with variable speed for processing stainless steel surfaces. 56

ANGLE POLISHER

Extremely powerful angle polisher for processing stainless steel surfaces—satinizing all the way to a mirrored surface. 58

PIPE POLISHER

Pipe sander for machining stainless steel pipes and pipe bends up to maximum dia. of 3-1/8 [80] in [mm]. 59

FILLET WELD GRINDER

Fillet weld grinder for machining hard-to-reach spots in metal structures. 59

COMPACT BELT FILE

High-performance belt file for corners and edges in stainless steel processing. 60

GRINDING STAINLESS STEEL

RADIANT RESULTS: WITH THE FEIN STAINLESS STEEL RANGE.

Large or small, smooth or structured, glossy or matte—requirements for stainless steel surfaces differ greatly depending on the application area: Visible surfaces are usually satin-finished and containers are sometimes polished to a mirror finish. Surfaces require different processing than 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 for machining stainless steel.



ANGLE POLISHER



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



PIPE POLISHER



- Rapid work progress thanks to wrap angle up to 180 degrees.
- Speed range can be adjusted specifically to the belt type.



FILLET WELD GRINDER



- Variable operation using the tool-free, rotating arm.
- Low-profile design for corners, angles and hard-to-reach places.



COMPACT BELT FILE



- High immersion depth of 6-1/2 [165] in [mm] for the highest removal rate in the smallest space.
- Ideal for pre-mounted structures, as well as rework on handrails.
- Speed range can be adjusted specifically to the belt type.



THE RIGHT SOLUTION FOR EVERY APPLICATION.

SURFACE	COMPACT ANGLE GRINDER	ANGLE POLISHER	PIPE POLISHER	FILLET WELD GRINDER	COMPACT BELT FILE
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	56	58	59	59	60

▲▲ very suitable ▲ suitable

SPECIFIC TO ANY APPLICATION: FEIN STAINLESS STEEL KITS.

The number of work steps needed to achieve the required grinding result for stainless steel surfaces depends on the base material used, the application area, the workpiece and the desired surface result. FEIN makes the selection process easy and packages all required consumables into accessory kits that are perfectly coordinated to all applications and to the power tool used.



STANDARD SURFACE

- ▶ Set for standard applications in surface processing.
- ▶ Stain removal using sanding fleece.
- ▶ From heat discoloration removal to outstanding satinized finishes.



GRINDING SURFACE

- ▶ High material removal rate on flat material.
- ▶ For removal of scratches, preparation for satin finish.
- ▶ For removal of fine weld seams, deep scratches, and mill scale.



SATINIZING SURFACE

- ▶ Blemish-free satin finish.
- ▶ Extremely low heat build-up during processing.



POLISH PREPARATION

- ▶ Removes scratches quickly and effectively; ideal preparation for polishing using coordinated grinding pattern development.
- ▶ When preparing for polishing: high removal rate with low time expenditure.



POLISH SURFACE OF PIPES/PROFILES

- ▶ Polish surfaces to a mirror finish.
- ▶ Lint-free polishing wheels.



STANDARD PIPES

- ▶ Set for standard applications in the processing of straight tube.
- ▶ From stain removal, heat discoloration removal to good satinized finishes.



GRINDING PIPES / PROFILES

- ▶ Smoothing of fine weld seams without damage to adjacent surfaces.
- ▶ With subsequent surface finish.



SATINIZING PROFILES

- ▶ The accessories for blemish-free satin finishing of profiles and narrow surfaces guarantee a perfect finish with limited heat buildup.
- ▶ 2 [50] in [mm] wide wheels ensure efficient work.

FROM ROUGH SANDING TO MIRROR POLISH:

FEIN stainless steel sets:



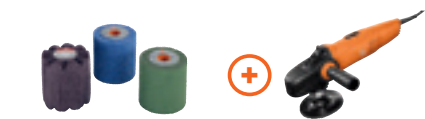
Standard surfaces

WPO 14-25 E



Grinding surfaces

WPO 14-25 E



Satin-finishing surfaces

WPO 14-25 E



Preparation for polishing
Surfaces/pipes/profiles

WSG 17-70 INOX



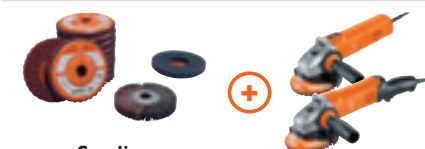
Polishing
Surfaces/pipes/profiles

WPO 14-25 E



Standard pipes

WPO 14-25 E



Sanding
Pipes/profiles

WSG 17-70 INOX

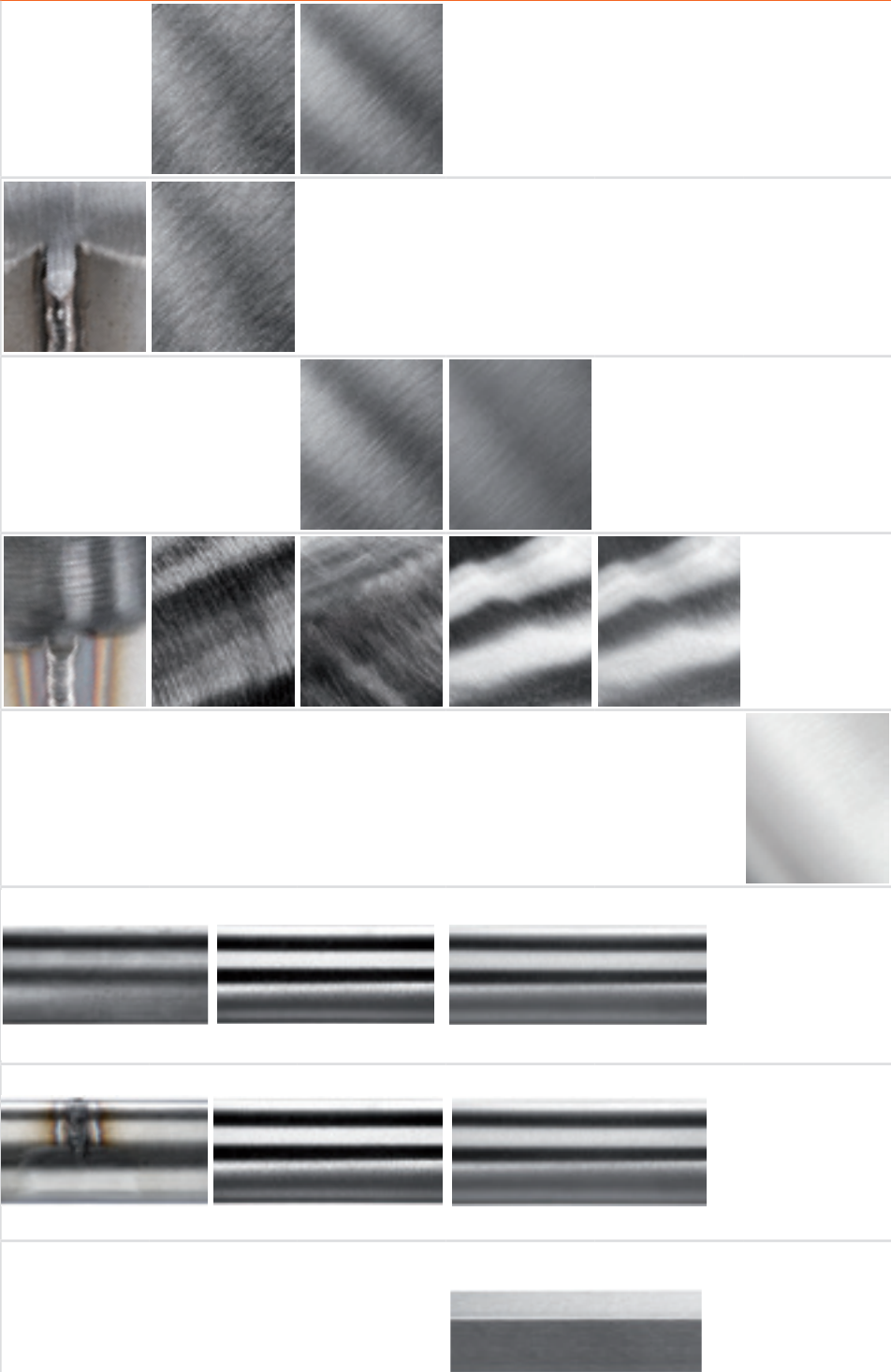


Satin-finishing profiles

WPO 14-25 E



Roughness depth



Grinding stainless steel

GRINDING STAINLESS STEEL



WSG 17-70 INOX

The specialist tool with variable speed for stainless steel processing.

WPO 14-25 E

High performance metal finisher for processing of stainless steel surfaces.

WPO 14-25 E - STAINLESS STEEL PROFESSIONAL SET

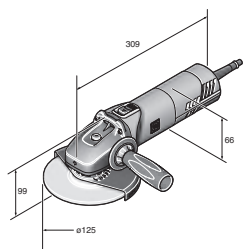
Stainless Steel Professional Set - For standard applications in surface processing.

RS 12-70 E - PROFESSIONAL SET STAINLESS STEEL

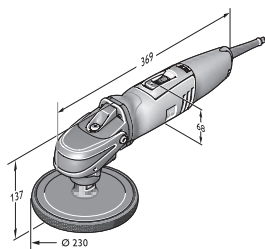
Stainless Steel Professional Set - for standard applications in tube processing.

	Page	58	58	58	59
Application	Polishing	▲▲	▲▲	▲▲	▲▲
	Coarse grinding	▲▲	▲▲	▲▲	▲▲
	Fine grinding	▲▲	▲▲	▲▲	▲▲
	Micro grinding	▲▲	▲▲	▲▲	▲▲
Features	Soft-start	●	●	●	●
	Self-start lock	●	●	●	●
	FEIN high-performance motor	●	●	●	●
	Spindle lock	●	●	●	
Technical specifications	Power consumption	W	1,500	1,200	1,200
	Power output	W	900	750	750
	No load speed	rpm	2,700 - 8,500	900 - 2,500	900 - 2,500
	Backing pad Ø	in [mm]		9 [230]	9 [230]
	Polishing disc Ø	in [mm]		9 [230]	9 [230]
	Minimum wall clearance	in [mm]			2 [50]
	Belt speed	ft/sec[m/sec]			72 [22]
	Pipes up to Ø	in [mm]			1/4 [8] - 3-1/4 [80]
	Belt dimension	in [mm]			
	Mounting thread			M 14	M 14
	circumferential speed	in [mm]			
	Tool dia.	in [mm]			
	Cable with plug	ft [m]	13 [4]	13 [4]	13 [4]
	Weight according to EPTA	lbs [kg]	5.29 [2.40]	5.51 [2.50]	5.51 [2.50]
					8.38 [3.80]

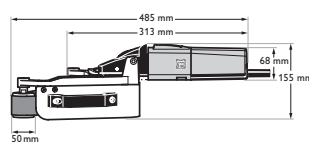
▲▲ very well-suited ● Included



WSG 17-70 Inox



WPO 14-25 E



RS 12-70 E



RS 10-70 E Start set

**RS 10-70 E START-SET**

Handy, compact pipe polisher for stainless steel pipe up to 1-3/4 in [45 mm] diameter.

KS 10-38 E KIT

Compact fillet weld grinder for hard-to-reach areas.

BF 10-280 E

High-performance belt file for corners and edges in stainless steel processing.

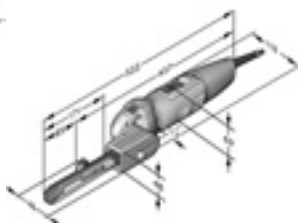
BF 10-280 E START-SET

Start-Set belt file for corners and edges in stainless steel processing.

	59	59	60	60
▲▲	▲▲	▲▲	▲▲	▲▲
▲▲	▲▲	▲▲	▲▲	▲▲
▲▲	▲▲	▲▲	▲▲	▲▲
▲▲	▲▲	▲▲	▲▲	▲▲
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
800	800	800	800	800
550	550	550	550	550
2,500 - 7,000	1,350 - 3,750	10,000 - 28,000	10,000 - 28,000	10,000 - 28,000
2 [50]				
11 [3.5] - 36 [11]		39 [12] - 105 [32]	39 [12] - 105 [32]	
1/4 [8] - 1-3/4 [45]				
		20-1/2 [520] × 0/1 [3] / 1/4 [6] / 3/4 [20]	20-1/2 [520] × 0/1 [3] / 1/4 [6] / 3/4 [20]	
	97 [29.5]			
	6 [150]			
13 [4]	13 [4]	13 [4]	13 [4]	13 [4]
6.39 [2.90]	7.05 [3.20]	4.63 [2.10]	4.63 [2.10]	4.63 [2.10]



KS 10-38 E set



BF 10-280 E

WSG 17-70 INOX



For accessories, see page 60

Price includes

1 guard, 1 pair of flanges,
1 anti-vibration handle, 1 wrench

The specialist tool with variable speed for stainless steel processing.

Power consumption	W	1,500
Power output	W	900
No load speed	rpm	2,700 - 8,500
Grinding wheel Ø	in [mm]	5 [125]
Elastic backing pad Ø	in [mm]	5 [125]
Mounting thread		5/8-11 in
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.29 [2.40]

Part Number	7 222 13 60 09 0
EAN	401458683526

BENEFITS OF APPLICATION

- ▶ Longer carbon brush service life and more material removal than comparable angle grinders.
- ▶ Variable speed allows use of various tools from satinizing to grinding stainless steel.
- ▶ POWERtronic for maximum power, reserve capacity and extremely uniform speed under load.

PRODUCT FEATURES

- ▶ The lightest and shortest of its type.
- ▶ Jam monitoring.
- ▶ Self-start lock.
- ▶ Soft-start.
- ▶ Electronic overload protection.
- ▶ Solid metal gear head.
- ▶ H 07 Industrial-strength cable.
- ▶ Best vibration values in its class.

WPO 14-25 E



For accessories, see page 60

Price includes

1 anti-vibration handle, 1 grip cap

High performance metal finisher for processing of stainless steel surfaces.

Power consumption	W	1,200
Power output	W	750
Backing pad Ø	in [mm]	9 [230]
No load speed	rpm	900 - 2,500
Polishing disc Ø	in [mm]	9 [230]
Mounting thread		M 14
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.51 [2.50]

Part Number	7 221 49 12 36 0
EAN	4014586863818

BENEFITS OF APPLICATION

- ▶ Extremely powerful even at low speeds due to mechanical gear reduction and FEIN HIGH-POWER-MOTOR.
- ▶ Variable speed, ideal for grinding, satin finishing, brushing and mirror finish polishing of stainless steel.
- ▶ Universally useable as a full-featured grinder, finisher and polisher.

PRODUCT FEATURES

- ▶ Outstanding ergonomics.
- ▶ Spindle lock.
- ▶ Left and right handed operation.
- ▶ Self-start lock.
- ▶ Soft-start.
- ▶ H 07 Industrial-strength cable.
- ▶ Dustproof ball bearing.
- ▶ Carbon brushes with automatic switch-off function.
- ▶ Wide range of accessories available.

WPO 14-25 E - STAINLESS STEEL PROFESSIONAL SET



For accessories, see page 60

Price includes

2 wrenches, 1 backing pad with H&L (4-1/2 in [115 mm] dia. 5/8 in-11), 1 gum wheel (4 x 4 in [100 x 100 mm] dia., 60 grit), 1 handle bracket (rotatable), 1 fleece wheel with corrugated folds, 1 arbor, 10 sanding fleece with H&L (4-1/2 in [115 mm] dia. fine), 1 hand guard, 1 fleece wheel (4 x 4 in [100 x 100 mm] dia., 180 grit), 1 tool case

Stainless Steel Professional Set - For standard applications in surface processing.

Power consumption	W	1,200
Power output	W	750
Backing pad Ø	in [mm]	9 [230]
No load speed	rpm	900 - 2,500
Polishing disc Ø	in [mm]	9 [230]
Mounting thread		M 14
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	5.51 [2.50]

Part Number	7 221 49 50 08 0
EAN	4014586864662

BENEFITS OF APPLICATION

- ▶ Extremely powerful even at low speeds due to mechanical gear reduction and FEIN HIGH-POWER-MOTOR.
- ▶ Variable speed, ideal for grinding, satin finishing, brushing and mirror finish polishing of stainless steel.
- ▶ Universally useable as a full-featured grinder, finisher and polisher.

PRODUCT FEATURES

- ▶ Outstanding ergonomics.
- ▶ Spindle lock.
- ▶ Left and right handed operation.
- ▶ Self-start lock.
- ▶ Soft-start.
- ▶ H 07 Industrial-strength cable.
- ▶ Dustproof ball bearing.
- ▶ Carbon brushes with automatic switch-off function.
- ▶ Wide range of accessories.



RS 12-70 E – PROFESSIONAL SET STAINLESS STEEL



For accessories, see page 60

Price includes

20 sanding belts 13/16 x 32-1/16 in [20 x 815 mm] (10 each of grits 120 and 180), 5 fleece belts 13/16 x 32-1/16 in [20 x 820 mm], very fine grit 280, 20 sanding belts 1-9/16 x 32-1/16 in [40 x 815 mm] (10 each of grits 120 and 180), 1 tool case

Stainless Steel Professional Set - for standard applications in tube processing.

Power consumption	W	1,200
Power output	W	750
No load speed	rpm	2,700 - 7,000
Minimum wall clearance	in [mm]	2 [50]
Belt speed	ft/sec [m/sec]	72 [22]
Pipes up to Ø	in [mm]	1/4 [8] - 3-1/4 [80]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	8.38 [3.80]

Part Number	7 221 13 51 03 5
EAN	4014586855103

BENEFITS OF APPLICATION

- Efficient grinding of weld seams due to ideal cutting speed of the sanding belts.
- Variable speed for grinding, satin finishing and mirror-finish polishing of previously-installed hand rails.
- Flexible sanding belts conform perfectly, even on sharp pipe curves and produces seamless surfaces.

PRODUCT FEATURES

- 360° circumferential grinding in only 2 steps.
- Optional guide roller for limited wall clearance.
- Self-start lock.
- Wide range of accessories.
- Dustproof ball bearing.
- Carbon brushes with automatic switch-off function.

RS 10-70 E START-SET



For accessories, see page 60

Price includes

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

Handy, compact pipe polisher for stainless steel pipe up to 1-3/4 in [45 mm] diameter.

Power consumption	W	800
Power output	W	550
No load speed	rpm	2,500 - 7,000
Minimum wall clearance	in [mm]	2 [50]
Belt speed	ft/sec [m/sec]	11 [3.5] - 36 [11]
Pipes up to Ø	in [mm]	1/4 [8] - 1-3/4 [45]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	6.39 [2.90]

Part Number	7 221 66 60 09 0
EAN	4014586868561

BENEFITS OF APPLICATION

- FEIN high-performance motor for constant speed, even under load.
- Ideal belt speeds for efficient use of different grinding, fleece, and polishing belts.
- Easy operation - Rotatable grinding arm, tool-free belt installation and alignment.

PRODUCT FEATURES

- Automatic belt alignment.
- Perfect belt tracking.
- Wrap angle up to 180°.
- Infinitely variable speed. Ideal for protection of sensitive surfaces.
- Soft-start.
- Self-start lock.
- H 07 Industrial-strength cable.
- Wide range of accessories available.

KS 10-38 E KIT



For accessories, see page 60

Price includes

1 anti-vibration handle, one each medium fleece grinding disc, 6 in [150 mm] dia., 1/8 and 1/4 in [3 and 6 mm] thick, one each fine fleece grinding disc, 6 in [150 mm] dia., 1/8 and 1/4 in [3 and 6 mm] thick, profiling stone for shaping fleece discs, 1 tool case

Compact fillet weld grinder for hard-to-reach areas.

Power consumption	W	800
Power output	W	550
No load speed	rpm	1,350 - 3,750
circumferential speed	in [mm]	97 [29.5]
Tool dia.	in [mm]	6 [150]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	7.05 [3.20]

Part Number	7 221 67 60 09 0
EAN	4014586869223

BENEFITS OF APPLICATION

- Flexible operation using the tool-free, rotating arm.
- Low-profile design for corners, angles and hard-to-reach places.
- Long belt drive service life due to maintenance-free tensioning system.

PRODUCT FEATURES

- Spindle lock for quick tool changes.
- Spark guard is adjustable and removable without tools.
- Electronic speed control.
- Made in Germany quality.
- H 07 Industrial-strength cable.
- Soft-start.
- Self-start lock.

BF 10-280 E



For accessories, see page 60

Price includes

1 offset grinding arm

High-performance belt file for corners and edges in stainless steel processing.

Power consumption	W	800
Power output	W	550
No load speed	rpm	10,000 - 28,000
Belt speed	ft/sec [m/sec]	39 [12] - 105 [32]
Belt dimension	in [mm]	20-1/2 [520] x 0/1 [3] / 1/4 [6] /3/4 [20]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 228 05 50 09 0
EAN	4014586867274

BENEFITS OF APPLICATION

- FEIN high-performance motor for maximum material removal and constant speed, even under heavy load.
- Ideal belt speeds for efficient use of different grinding, fleece, and polishing belts.
- Easy operation - Tool-free, 180° arm rotation, tool-free belt installation and alignment.

PRODUCT FEATURES

- Perfect belt tracking.
- For belts from 3/32 to 3/4 in [3 to 20 mm] wide.
- Infinitely variable speed. Ideal for protection of sensitive surfaces.
- Offset and straight grinding arms for varied applications.
- Soft-start.
- Self-start lock.
- H 07 Industrial-strength cable.
- Wide range of accessories available.

BF 10-280 E START-SET



For accessories, see page 60

Price includes

10 grinding belts 3/4 in [20 mm] (120 grit),
10 grinding belts 3/32 in [3 mm] (120 grit),
10 grinding belts 1/4 in [6 mm] (120 grit),
3 grinding arms (1 each: 3/32 / 1/4 in
[3 / 6 mm] offset, 1/4 in [6 mm] straight,
3/4 in [20 mm] straight), 5 fleece belts 1/4 in
[6 mm] (medium), 1 tool case

Start-Set belt file for corners and edges in stainless steel processing.

Power consumption	W	800
Power output	W	550
No load speed	rpm	10,000 - 28,000
Belt speed	ft/sec [m/sec]	39 [12] - 105 [32]
Belt dimension	in [mm]	20-1/2 [520] x 0/1 [3] / 1/4 [6] /3/4 [20]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 228 05 51 09 0
EAN	4014586867281

BENEFITS OF APPLICATION

- FEIN high-performance motor for maximum material removal and constant speed, even under heavy load.
- Easy operation - Tool-free, 180° arm rotation, tool-free belt installation and alignment.
- Start-Set with offset and straight grinding arms for varied applications, ceramic grinding belts for efficient weld seam processing, and fleece belts in various widths for finishing work.

PRODUCT FEATURES

- Ideal belt speeds.
- Perfect belt tracking.
- For belts from 3/32 to 3/4 in [3 to 20 mm] wide.
- Infinitely variable speed. Ideal for protection of sensitive surfaces.
- Soft-start.
- Self-start lock.
- H 07 Industrial-strength cable.
- Wide range of accessories available.

GRINDING STAINLESS STEEL

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, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number

3 39 01 119 00 0



Tool Case
Plastic, 17-3/4 x 12-3/16 x
9-1/8 in [470 x 275 x 232 mm]

Part Number

3 39 01 122 01 0



Pre-polishing paste, red
Preparation for polishing.

Part Number

6 37 26 008 01 2



Polishing paste, white
For polishing and mirror finishing.

Part Number

6 37 26 009 01 6

**Microfiber cloth**

Dense weave for removal of polish residue. Seamless for scratch and lint-free work

Part Number
6 37 33 003 01 0

**Stainless steel cover strip**

To protect stainless steel surfaces from scratches resulting from sanding work. Perfect for use in miter grinding of welded stainless steel profiles. The covered side is protected by the cover strip during sanding, satin finishing and matting.

L m	Part Number
5	6 37 33 010 01 0

RS 12-70 E ACCESSORIES**Basic Set Pipe Polisher**

From surface cleaning, scratch removal to a perfect satin finish. Set includes: 2 x 10 sanding belts 13/16 in x 32-1/16 in [20 x 815 mm], grit 120 and 180; 2 x 10 sanding belts 1-9/16 in x 32-1/16 in [40 x 815 mm], grit 120 and 180; 5 fleece belts 12/16 in x 32-1/16 in [20 x 820 mm] very fine

Part Number
6 37 14 050 02 1

**Polishing Set Pipe Polisher**

From polishing preparation to perfect mirror finish. Set includes: 2 x 10 sanding belts 13/16 in x 32-1/16 in [20 x 815 mm], grits 320 and 400; 3 polishing belts 15/16 in x 32-1/16 in [20 x 815 mm]; 1 pre-polishing cream red (6.7 fl. oz. [200 ml]); 1 polishing paste white (6.7 fl. oz. [200 ml])

Part Number
6 37 14 052 02 3

**Ceramic belts**

High material removal combined with very long service life. Also for removal of fine weld seams

Grit	Dimensions in [mm]	Qty pcs	Part Number
80	13/16 x 32-1/16 [20 x 815]	10	6 37 14 130 01 0
80	1-9/16 x 32-1/16 [40 x 815]	10	6 37 14 131 01 0

**Grinding belts**

Flexible, ideal for sanding curved tube 13/16 x 32-1/16 in [20 x 815 mm]

Grit	Qty 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**

Flexible, ideal for sanding curved tube 1-9/16 x 32-1/16 in [40 x 815 mm]

Grit	Qty pcs	Part Number
120	10	6 37 14 054 01 9
180	10	6 37 14 055 01 3

**Fleece belts**

Soft version, or blemish-free surfaces, even on curved tubes 13/16 x 32-1/16 in [20 x 815 mm]

Grit	Qty 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**

13/16 in x 32-1/16 in [20 x 815 mm] very soft version, for blemish-free surfaces, even on curved tubes

Part Number
6 37 26 010 01 8

**Guide pulley**

For confined space conditions, wall clearance 2 in [50 mm]

Part Number
3 13 35 017 01 1

BF 10-280 E ACCESSORIES**Offset grinding arm**

Belt width in [mm]	Part Number
0/1 [3/6]	6 38 10 026 01 0

**Straight grinding arm**

Belt width in [mm]	Part Number
1/4 [6]	6 38 10 027 01 0
3/4 [20]	6 38 10 030 01 0

**ceramic grinding belt**

High material removal combined with very long service life. Also for removal of fine weld seams 10 pack, length 20-1/2 in [520 mm].

Grit	Width in [mm]	Part Number
80	1/8 [3]	6 37 14 061 01 0
120	1/8 [3]	6 37 14 062 01 0
180	1/8 [3]	6 37 14 063 01 0
80	1/4 [6]	6 37 14 068 01 0
120	1/4 [6]	6 37 14 069 01 0
180	1/4 [6]	6 37 14 070 01 0
80	3/4 [20]	6 37 14 089 01 0
120	3/4 [20]	6 37 14 090 01 0
180	3/4 [20]	6 37 14 091 01 0

**Fleece belt**

Soft type, for blemish-free surfaces. 5 pack, length 20-1/2 in [520 mm].

Width in [mm]	Model	Part Number
1/4 [6]	coarse	6 37 14 114 01 0
1/4 [6]	medium	6 37 14 115 01 0
1/4 [6]	fine	6 37 14 116 01 0
3/4 [20]	coarse	6 37 14 123 01 0
3/4 [20]	medium	6 37 14 124 01 0
3/4 [20]	fine	6 37 14 125 01 0

**Polishing belt**

Soft type, for a blemish-free mirror finish when used in combination with FEIN polishing pastes. 3 pack, length 20-1/2 in [520 mm].

Width in [mm]	Part Number
1/4 [6]	6 37 26 016 01 0
3/4 [20]	6 37 26 019 01 0

WSG 17-70 INOX**Safety guard**

For flap grinding and scrub discs

Dia. in [mm]	Part Number
5 [125]	3 18 10 300 00 0

**Safety guard for cutting work**

For safe work with cut-off discs

Dia. in [mm]	Part Number
5 [125]	6 38 11 017 01 0

**Inner flange**

Part Number
6 38 01 183 01 0

**Outer flange**

5/8-11 in, for flexible grinding/cutting wheels.

Part Number
6 38 02 098 00 7

**Fleece sanding discs**

Ø 4-1/2 in [115 mm], firm, with H&L, for use with backing pad 6 38 06 184 01 0

Model	Qty pcs	Part Number
coarse	10	6 37 32 001 01 8
medium	10	6 37 32 002 01 1
fine	10	6 37 32 003 01 5



Ventilated backing pad
Ventilated backing pad, ideal for Pyramix grinding discs

Dia. in [mm]	Part Number
4-17/32 [115]	6 38 06 194 01 0



Ventilated backing pad
Ventilated backing pad, ideal for Pyramix grinding discs for further use if the outer rim of the grinding disc has been removed.

Dia. in [mm]	Part Number
3 [75]	6 38 06 197 01 0



Sanding sheets
4-1/2 in [115 mm] dia. for removal of very deep scratches and fine weld seams

Grit	Qty pcs	Part Number
80	25	6 37 28 135 01 0



Sanding discs, Pyramix
The perforations in the Pyramix H&L disc allow continued use, even after the original rim wears out. 4-1/2 in [115 mm] dia. For removal of deep scratches.

Grit	Qty pcs	Part Number
280	5	6 37 17 239 01 0
280	25	6 37 17 239 02 0



Sanding discs, Pyramix
The perforations in the Pyramix H&L disc allow continued use, even after the original rim wears out. 4-1/2 in [115 mm] dia. For removal of fine scratches, grinding pattern development, reduction of surface roughness

Grit	Qty pcs	Part Number
400	5	6 37 17 240 01 0
400	25	6 37 17 240 02 0



Sanding discs, Pyramix
The perforations in the Pyramix H&L disc allow continued use, even after the original rim wears out. 4-1/2 in [115 mm] dia. For removal of very fine scratches, grinding pattern development, reduction of surface roughness

Grit	Qty pcs	Part Number
800	5	6 37 17 241 01 0
800	25	6 37 17 241 02 0



Sanding discs, Pyramix
The perforations in the Pyramix H&L disc allow continued use, even after the original rim wears out. 4-1/2 in [115 mm] dia. Reduction of surface roughness, preliminary preparation for subsequent polishing

Grit	Qty pcs	Part Number
1 400	5	6 37 17 242 01 0
1 400	25	6 37 17 242 02 0



Finishing disc
5 in [125 mm] dia., for final finish

Part Number
6 37 32 005 01 0



Flap grinding disc
To remove fine weld seams without damage to adjacent surfaces. A choice can be made between the various flap grinding discs based on the thickness of the weld.

Dia. in [mm]	Model	Qty pcs	Part Number
4-29/32 [125]	Soft	5	6 37 30 019 01 0
4-29/32 [125]	medium	5	6 37 30 021 01 0
4-29/32 [125]	medium	10	6 37 30 018 01 0
4-29/32 [125]	coarse	5	6 37 30 020 01 0



Stainless Steel Set Tubes/Profiles
Smoothing of fine weld seams without damage to adjacent surfaces. With subsequent surface finish. Consisting of: 10 medium flap sanding discs (6 37 30 018 01 0), 1 flap wheel, 120 grit (6 37 21 053 01 0), 1 finishing disc (6 37 32 005 01 0).

Part Number
6 37 210 52 03 0



Felt serrated lock washer
To polish and prepolish stainless steel. The felt does not burn thanks to the fleece wheels and it can be polished without streaks forming. Only use with polishing paste (preliminary polishing = prepolishing cream, burnishing = burnishing cream).

Dia. in [mm]	Model	Part Number
4-29/32 [125]	Soft	6 37 23 037 01 0
4-29/32 [125]	medium	6 37 23 038 01 0

KS 10-38 E ACCESSORIES



Fleece grinding disc
High removal rate for sanding, descaling and satin finishing of fillet welds.

Dia. in [mm]	Thickness in [mm]	Model	Part Number
5-29/32 [150]	1/4 [7]	very coarse	6 37 34 008 01 0



Fleece grinding disc
With a high removal rate for grinding, descaling and satinizing fillet welds.

Dia. in [mm]	Thickness in [mm]	Model	Part Number
5-29/32 [150]	0/1 [3]	coarse	6 37 34 001 01 0
5-29/32 [150]	1/4 [6]	coarse	6 37 34 002 01 0



Fleece grinding disc
For grinding, adjusting, descaling and fine satin finishing of fillet welds. Removes light scratches on profiles and flat material.

Dia. in [mm]	Thickness in [mm]	Model	Part Number
5-29/32 [150]	0/1 [3]	medium	6 37 34 003 01 0
5-29/32 [150]	1/4 [6]	hard	6 37 34 004 01 0



Fleece grinding disc
Removes heat discoloration and light scratches, ideal as preparation for polishing fillet welds.

Dia. in [mm]	Thickness in [mm]	Model	Part Number
5-29/32 [150]	0/1 [3]	fine	6 37 34 005 01 0
5-29/32 [150]	1/4 [6]	fine	6 37 34 006 01 0



Fleece grinding disc
For pre-polishing surfaces of fillet welds. Quickly removes heat discoloration without reducing the weld seam.

Dia. in [mm]	Thickness in [mm]	Model	Part Number
5-29/32 [150]	1/4 [6]	very fine	6 37 34 007 01 0



Felt disc
For polishing fillet welds to a mirror finish in combination with FEIN polishing pastes.

Dia. in [mm]	Thickness in [mm]	Part Number
5-29/32 [150]	1/4 [6]	6 37 18 011 01 0



Profiling stone
For shaping fleece discs to produce uniform fillet weld profiles.

Part Number
6 37 19 011 01 0



RS 10-70 E ACCESSORIES

**Grinding belts**

Flexible, ideal for sanding curved tube
10 pack, 1-1/8 x 21 in
[30 x 533 mm].

Grit	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 belts**

Soft version, or blemish-free surfaces, even on curved tubes
5 pack, 1-1/8 x 21 in
[30 x 533 mm].

Model	Part Number
coarse	6 37 14 141 01 0
medium	6 37 14 142 01 0
fine	6 37 14 143 01 0

**Polishing belts**

Soft version for blemish-free mirror finish, even on tightly curved tube.
3 pack, 1-1/8 x 21 in
[30 x 533 mm].

Part Number
6 37 14 144 01 0

WPO 14-25 E ACCESSORIES

**Stainless Steel Set Standard Flat Material**

Set for standard applications in surface processing: From stain removal, heat discoloration removal to good satinized finishes. Set includes: 1 gum wheel 60 grit (6 37 21 006 01 2), 1 fleece wheel (6 37 21 009 01 8), 1 sanding fleece with corrugated folds (6 37 23 021 01 3), 10 sanding fleeces, fine (6 37 32 003 01 5), 1 backing pad (6 38 06 184 01 0), 1 arbor (6 38 03 069 02 0), 1 two-pin wrench (6 29 10 022 00 2), 1 open-ended wrench 19 x 22 (6 29 04 003 00 0)

Part Number
6 37 21 006 05 0

**Stainless Steel Set Flat Material Grinding**

High material removal on flat material. Set includes: 1 expansion roller (6 38 06 192 01 0), 5 abrasives sleeves 60 grit (6 37 14 132 01 0), 5 abrasives sleeves 80 grit (6 37 14 133 01 0), 5 abrasives sleeves 120 grit (6 37 14 134 01 0)

Part Number
6 38 06 192 02 0

**Stainless Steel Set Flat****Material Satinizing**

Perfect, blemish-free satin finishing. Extremely low heat build-up during processing. Set includes: 1 gum wheel 60 grit medium (6 37 21 006 01 2), 1 gum wheel 180 grit fine (6 37 21 007 01 6), 1 sinus fleece wheel 180 grit fine (6 37 21 051 01 0)

Part Number
6 37 21 050 02 0

**Stainless Steel Set Standard Tubes**

Set for standard applications in the processing of straight tubes. From stain removal, heat discoloration removal to good satinized finishes. Set includes: 1 sanding belt roller (6 38 06 181 01 6), 10 sanding belts 60 grit (6 37 14 044 01 0), 10 sanding belts 120 grit (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

**Gum wheel**

3/4 in [19 mm] bore
4 x 4 in [100 x 100 mm]

Grit	Model	Part Number
60	medium	6 37 21 006 01 2
180	fine	6 37 21 007 01 6

**Gum wheel**

3/4 in [19 mm] bore
4 x 2 in [100 x 50 mm]

Grit	Model	Part Number
60	medium	6 37 21 054 01 0
180	fine	6 37 21 055 01 0

**Sinus fleece wheel**

3/4 in [19 mm] bore
4 in [100 mm] dia. x 2 in [50 mm], sinus shape for blemish-free satin finishing

Grit	Model	Part Number
180	fine	6 37 21 056 01 0

**Sinus fleece wheel**

3/4 in [19 mm] bore
4 in [100 mm] dia. x 4 in [100 mm], sinus shape for blemish-free satin finishing

Grit	Model	Part Number
180	fine	6 37 21 051 01 0

**Lamellar sanding disc**

6 in [150 mm] dia., 9/16 in [14 mm] bore
For eliminating minor blemishes and producing a matte finish

Part Number
6 37 21 003 01 7

**Lamellar sanding disc**

6 in [150 mm] dia., 9/16 in [14 mm] bore
For medium brush applications

Part Number
6 37 21 004 01 5

**Lamellar sanding disc**

6 in [150 mm] dia., 9/16 in [14 mm] bore
For fine brush applications

Part Number
6 37 21 005 01 9

**Fleece wheel**

4 x 4 in [100 x 100 mm] dia., 3/4 in [19 mm] bore
For medium satin finishing

Grit	Model	Part Number
100	medium	6 37 21 008 01 4

**Fleece wheel**

4 x 4 in [100 x 100 mm] dia., 3/4 in [19 mm] bore
For fine satin finishing

Grit	Model	Part Number
180	fine	6 37 21 009 01 8

**Fleece wheel**

4 x 4 in [100 x 100 mm] dia., 3/4 in [19 mm] bore
For very fine satin finishing

Grit	Model	Part Number
280	very fine	6 37 21 010 01 0

**Felt fleece wheel**

To polish and prepolish stainless steel. The felt does not burn thanks to the fleece wheels and it can be polished without streaks forming. Only use with polishing paste (preliminary polishing = prepolishing cream, burnishing = burnishing cream).

Model	Part Number
Soft	6 37 21 057 01 0
medium	6 37 21 058 01 0

GRINDING STAINLESS STEEL



Sanding fleece

With corrugated folds, width 1-3/16 in [30 mm], bore hole 9/16 in [14 mm], for light finishing work, derusting, polishing, and decorative work

Dia. in [mm]	Part Number
5-29/32 [150]	6 37 23 021 01 3
7-7/8 [200]	6 37 23 022 01 6



Fleece sanding discs

Ø 4-1/2 in [115 mm], firm, with H&L, for use with backing pad 6 38 06 184 01 0

Model	Qty pcs	Part Number
coarse	10	6 37 32 001 01 8
medium	10	6 37 32 002 01 1
fine	10	6 37 32 003 01 5



Sanding belt roller

3/4 in [19 mm] bore
4 x 2-3/4 in [100 x 70 mm]

Part Number
6 38 06 181 01 6



Grinding belts

23-5/8 x 1-3/16 in [600 x 30 mm]

Grit	Qty 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 sanding belts 164 ft [50 m]

Part Number
6 38 09 004 01 9



Fleece belts

23-5/8 in x 1-3/16 in

Model	Part Number
coarse	6 37 14 047 01 1
medium	6 37 14 048 01 9
fine	6 37 14 049 01 3



Polishing buff, Sisal, cloth

For

- Fine finishing/brushing and leveling of non-ferrous metals following preliminary sanding with grit 240-280 using polishing paste "yellow".
- Fine finishing/brushing and leveling of iron/steel, and stainless steel following preliminary sanding with grit 280-320 using polishing paste "yellow".
- Matte-shining/brushing of nonferrous 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 1-3/16 in [30 mm], 9/16 in [14 mm] bore.

Dia. in [mm]	Part Number
5-29/32 [150]	6 37 23 011 01 4
7-7/8 [200]	6 37 23 012 01 7



Polishing buff, firm, cloth

Width approx. 9/16 in [15 mm], bore hole 9/16 in [14 mm], for preliminary polishing and polishing of non-ferrous metals, iron/steel, stainless steel with preliminary polishing paste "orange".

Dia. in [mm]	Part Number
5-29/32 [150]	6 37 23 013 01 1
7-7/8 [200]	6 37 23 015 01 3



Polishing buff, soft, cloth

Width approx. 9/16 in [15 mm], bore hole 9/16 in [14 mm], for soft cloth, for high-gloss polishing of non-ferrous metals, iron/steel, stainless steel and chrome, "white".

Dia. in [mm]	Part Number
5-29/32 [150]	6 37 23 014 01 9
7-7/8 [200]	6 37 23 016 01 6

Polishing rings, fleece, extra-soft

Width approx. 9/16 in [15 mm], bore hole 9/16 in [14 mm], for final polishing of non-ferrous metals, iron/steel, stainless steel and many other plastics, "white".

Dia. in [mm]	Part Number
5-29/32 [150]	6 37 23 019 01 2
7-7/8 [200]	6 37 23 020 01 4



Polishing wheel

6 in [150 mm] dia., width 2-9/16 in [60 mm], flexible, 9/16 in [14 mm] bore for brushed finish, 16 grit (coarse), soft, "green"

Part Number
6 37 13 013 01 8



Polishing wheel

6 in [150 mm] dia., width 2-9/16 in [60 mm], flexible, 9/16 in [14 mm] bore For delicate surfaces, grit 24 (medium), soft, "blue"

Part Number
6 37 13 015 01 0

Polishing wheel

6 in [150 mm] dia., width 2-9/16 in [60 mm], flexible, 9/16 in [14 mm] bore For fine polishing, grit 46 (fine), soft, "brown"

Part Number
6 37 13 016 01 3



Lamellar sanding disc

Width 2 in [50 mm], for polishing non-rusting steel, 9/16 in [14 mm] bore

Dia. in [mm]	Part Number
7-7/8 [200]	6 37 21 001 01 1



Polishing paste

"Yellow", for Sisal/cloth for matte shining of non-ferrous metals, iron/steel and stainless steel

Part Number
6 37 26 027 01 0



Pre-polishing paste

"orange", for firm cloth, for matte shining and polishing of non-ferrous metals, iron/steel and stainless steel

Part Number
6 37 26 028 01 0



Rumple 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



Work arbor
For satinizing tools (drum and roller), 5/8 in-11 tool size 3/4 in [19 mm] dia.

Length in [mm]	Part Number
2 [50]	6 38 03 072 02 0
4 [100]	6 38 03 068 02 0



Work arbor
Clamping flange for polishing rings, abrasive fleece wheels, buffer, and polishing wheels with 5/8 in-11 mounting thread, 5/8 in-11 shaft thread, clamping range 9/16 in – 2 in

Part Number
6 38 03 069 02 0



Protective guard
For hand protection.

Part Number
3 02 29 216 00 5



Expansion roller
3/4 in [19 mm] bore
4 in [100 mm] dia. x 4 in [100 mm], for vibration-free, secure capture of the abrasive sleeves.

Part Number
6 38 06 192 01 0



Abrasive sleeves
For removal of fine weld seams, deep scratches, and mill scale.

Grit	Qty pcs	Part Number
60	5	6 37 14 132 01 0



Abrasive sleeves
For removal of deep scratches.

Grit	Qty pcs	Part Number
80	5	6 37 14 133 01 0



Abrasive sleeves
For removal of scratches, preparation for satin finish.

Grit	Qty pcs	Part Number
120	5	6 37 14 134 01 0



Pyramix abrasive sleeve
For removal of scratches, preparation for satin finish.

Grit	Qty 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

BELT GRINDING



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GRIT GKS

The space-saving and economical solution for the workshop. 89

BELT GRINDING

PROFESSIONAL BELT GRINDING: IN SKILLED AND INDUSTRIAL TRADES.

GRIT belt grinding machines are designed for all applications in skilled and industrial trades: Surface, radius, cylinder or linear grinding. Even on profiles, pipes or rectangular tubes, the powerful grinding systems are reliable and economical to use. Here, you have the choice between stand-alone solutions or modular grinding systems. Suitable for any task: hand-operated, mobile, semi-stationary or stationary.



HANDHELD BELT GRINDING



- ▶ High cutting performance.
- ▶ 3 x faster than an angle grinder when beveling and removing welds.
- ▶ Can be used as a mobile or stationary tool.



GRIT GX



- ▶ Short change-over times on radius or cylinder grinding machines.
- ▶ Modular tool system: can be arranged for all applications.
- ▶ 3 [75] in [mm] belt width.



GRIT GI



- ▶ Modular tool system: Belt, radius, cylinder and linear grinding.
- ▶ Economical for partially automated production processes.
- ▶ Efficient for small lot sizes.
- ▶ 3 [75] or 6 [150] in [mm] belt width.



GRIT GKS



- ▶ Small space requirement.
- ▶ Perfect price/performance ratio.
- ▶ 3 [75] in [mm] belt width.



Belt grinding

UNIVERSAL.

GHB – HANDHELD BELT GRINDING.

The handheld belt grinding system from GRIT by FEIN enables flexible work with only one tool through a wide variety of modules. Fast, tool-free changeovers to other applications in under 45 seconds make the tool, which can be used in both stationary and portable configurations, an efficient alternative to angle grinders. Suitable for metal removal, surface treatment and stainless steel.



BELT GRINDING



- ▶ Basic tool for flexible use.
- ▶ High cutting performance.
- ▶ 3 x faster than an angle grinder when beveling and removing welds.
- ▶ Can be used as a mobile or stationary tool.



BEVELING



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



RADIUS GRINDING



- ▶ Exact radii in one work step, on-site or stationary in the workshop.
- ▶ The most efficient and cost-effective solution for pipe cutting with small lot sizes.



TRACK GRINDING



- ▶ Sand long welded seams or large surfaces comfortably and reliably.
- ▶ With innovative optical guide for exact, straight grinding lines.
- ▶ Optional guide rod available.



GHB 15-50 / INOX



Module



GHBD



GHB 15-50 / INOX



Module



GHBK



GHB 15-50 / INOX



Module



GHBR



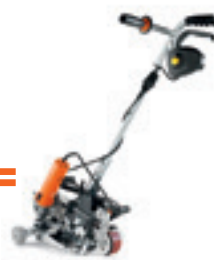
GHB 15-50 / INOX



Module



GHBML



HANDHELD GRINDER



Guidance of the machine
The positions of the handle and add-on motor can be configured with great flexibility at a 90 and a 180-degree angle. This lets you guide the tool comfortably in any working position.



Flexible for pipes
The round cut-out lets you also machine pipes and profiles professionally.

GHB 15-50

High performance hand-held belt grinder for flexible use on site.



For accessories, see page 75

Price includes
1 Grinding belt 50 x 1,000 mm (36 grit)

Power consumption	kW	1.5
Current/Voltage		1 x 120 V
No load speed	rpm	8,500
Belt dimension	in [mm]	2 [50] x 39-1/4 [1,000]
Cable with plug	in [mm]	13 [4]
Weight according to EPTA	lbs [kg]	12.35 [5.60]

Part Number	7 903 21 09 12 4
EAN	4014586884523

BENEFITS OF APPLICATION

- ▶ Handheld alternative to angle grinders.
- ▶ Stationary use with table grinding station.
- ▶ Patented tool-free belt tensioning system.

PRODUCT FEATURES

- ▶ Infinitely adjustable built-on motor.
- ▶ Anti-vibration handle
- ▶ Very short setup time for stationary belt grinding.
- ▶ Height-adjustable table for flat grinding.

GHB 15-50 INOX



For accessories, see page 75

Price includes

1 Grinding belt 50 x 1,000 mm (36 grit)

Universal hand-held grinder for problem solutions on site, ideal for stainless steel processing.

Power consumption	kW	1.5
Current/Voltage		1 x 120 V
No load speed	rpm	2,500 - 7,900
Belt dimension	in [mm]	2 [50] x 39-1/4 [1,000]
Cable with plug	in [mm]	13 [4]
Weight according to EPTA	lbs [kg]	12.35 [5.60]

Part Number	7 903 22 09 12 4
EAN	4014586884554

BENEFITS OF APPLICATION

- Handheld alternative to angle grinders for trade and industry.
- Stationary use with table grinding station.
- Patented tool-free belt tensioning system.

PRODUCT FEATURES

- Infinitely adjustable built-on motor.
- Anti-vibration handle
- Very short setup time for stationary belt grinding.
- Height-adjustable table for flat grinding.

GRIT GHBD



For accessories, see page 75

Price includes

1 GHBD module

Module for stationary belt grinding.

Dimensions lxbxw	in [mm]	22 [560] x 9-1/2 [240] x 9 [230]
Belt dimension	in [mm]	2 [50] x 39-1/4 [1,000]
Weight	lbs [kg]	13 [5.80]

Part Number	9 90 01 012 00 0
EAN	4014586880488

BENEFITS OF APPLICATION

- Hand held GHB converts to stationary belt grinder.
- Perfect chamfering due to adjustable grinding table.
- Process profiles and pipes on the grinding table.

PRODUCT FEATURES

- Designed for tough jobs.

GRIT GHBM



For accessories, see page 75

Module for mobile surface treatment.

Dimensions lxbxw	in [mm]	17 [430] x 10 [252] x 6-1/2 [166]
Belt dimension	in [mm]	2 [50] x 39-1/4 [1,000]
Weight	lbs [kg]	11 [5.00]

Part Number	9 90 01 012 01 0
EAN	4014586886992

BENEFITS OF APPLICATION

- Less effort when grinding long welds due to roller guide.
- Conversion to other applications in less than 45 seconds.
- Uniform surfaces in one step.

PRODUCT FEATURES

- Process large surfaces with less fatigue.

GRIT GHBR



For accessories, see page 75

Delivery scope without contact roller
(1 required)

Module for stationary radius grinding.

Dimensions lxbxw	in [mm]	27-1/2 [700] x 9-1/2 [240] x 8-1/4 [207]
Belt dimension	in [mm]	2 [50] x 45-1/4 [1,150]
Weight	lbs [kg]	29 [13.00]

Part Number	9 90 01 012 02 0
EAN	4014586887005

BENEFITS OF APPLICATION

- On-site use also possible.
- Easily process pipes with different diameters.
- Precise radii and one step.

PRODUCT FEATURES

- Contact rollers for different pipe diameters.
- Only for use with GHB15-50 INOX.

GRIT GHBML



For accessories, see page 75

Price includes

1 dust bin, 1 anti-vibration handle, 1 infinitely variable guide, side

Module with guide rod for mobile surface treatment.

Dimensions lxbxw	in [mm]	34-1/4 [870] x 15-3/4 [400] x 36-1/4 [920]
Belt dimension	in [mm]	2 [50] x 39-1/4 [1,000]
Weight	lbs [kg]	24 [10.80]

Part Number	9 90 01 012 03 0
EAN	4014586887548

BENEFITS OF APPLICATION

- Comfortable and ergonomic. An adjustable guide rod enables work when upright.
- Less effort when grinding long welds due to roller guide.
- Innovative, visual guide for straight sanding lines. Infinitely variable, side. Option to fasten laser pointers.

PRODUCT FEATURES

- Dead man's switch.
- A perfect, uniform surface in one step. Better than any angle grinder.
- Clean work areas thanks to removable dust bins.
- The module can be used with GHB 15-50 and GHB 15-50 Inox, depending on the available sanding tasks.

GRIT GHBK



For accessories, see page 75

Price includes

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

Module with infinitely variable chamfer angles and depth for edge processing.

Dimensions lxbxw	in [mm]	15 [380] x 17 [430] x 8-1/2 [215]
Belt dimension	in [mm]	2 [50] x 39-1/4 [1,000]
Weight	lbs [kg]	30 [13.5]

Part Number	9 90 01 012 04 0
EAN	4014586888316

BENEFITS OF APPLICATION

- Less effort, even with large workpieces, as a result of the guide slide mounted on roller bearings.
- Infinitely variable chamfer angle (0-60 °) and depth (0-3/4 in [0-20] in [mm]) for the most common requirements.
- Extremely efficient while beveling longer and straighter sheets.

PRODUCT FEATURES

- Precise edges and homogeneous surfaces in a single work step with very high removal.
- System interface—Tool-free conversion to relevant grinding systems.
- Clean work areas thanks to removable dust bins and exhaust interface.
- The module can be used with GHB 15-50 and GHB 15-50 Inox, depending on the available sanding tasks.



GRINDING BELTS

3M™ Cubitron™ II

Precision grinding belt with ceramic grit guarantees maximum removal rate and service life. The uniform shape of the ceramic grit enables unique feedback during the machining process. This results in cool grinding without heat discoloration and better surface quality.
2 x 39-3/8 in [50 x 1,000 mm]

Grit	Qty 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 grit guarantees maximum removal rate and service life. The uniform shape of the ceramic grit enables unique feedback during the machining process. This results in cool grinding without heat discoloration and better surface quality.
2 x 45-1/4 [50 x 1,150] in [mm], for radius grinding with the GRIT GHBR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 157 00 0

Grinding belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide.
2 x 39-3/8 in [50 x 1,000 mm]

Grit	Qty 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 belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide.
2 x 45-1/4 [50 x 1,150] in [mm], for radius grinding with the GRIT GHBR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 159 00 0

Grinding belts, type A

Grinding belts with fine grit for polishing metals to a fine finish. Excellent surface results. Heavy cotton fabric, full resin bond with corundum.
2 x 39-3/8 in [50 x 1,000 mm]

Grit	Qty 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 belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
2 x 39-3/8 in [50 x 1,000 mm]

Grit	Qty 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 belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
2 x 45-1/4 [50 x 1,150] in [mm], for radius grinding with the GRIT GHBR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 158 00 0

FLEECE BELTS

Fleece belt

Reliable from elimination of minor defects to perfect finishes. Long service life enables cost-effective work.
2 x 39-3/8 in [50 x 1,000 mm]

Model	Qty pcs	Part Number
very fine	3	6 99 03 144 00 0
medium	3	6 99 03 143 00 0
coarse	3	6 99 03 142 00 0

GHBR ACCESSORIES

**Contact roller**

Long service life, low rolling resistance due to high-quality ball bearings, easily replaceable.

Dia. in [mm]	Part Number
5/8 [16.0]	6 99 02 000 40 9
45/64 [18.0]	6 99 02 000 41 0
3/4 [19.0]	6 99 02 000 41 1
25/32 [20.0]	6 99 02 000 41 2
53/64 [21.0]	6 99 02 000 41 3
27/32 [21.3]	6 99 02 000 41 4
55/64 [22.0]	6 99 02 000 41 5
63/64 [25.0]	6 99 02 000 41 6
1/1 [25.4]	6 99 02 000 41 7
1-1/32 [26.0]	6 99 02 000 41 8
1-1/16 [26.9]	6 99 02 000 41 9
1-1/8 [27.0]	6 99 02 000 42 0
1-7/64 [28.0]	6 99 02 000 42 1
1-9/64 [28.8]	6 99 02 000 42 2
1-3/16 [30.0]	6 99 02 000 42 3
1-1/4 [31.7]	6 99 02 000 42 4
1-17/64 [32.0]	6 99 02 000 42 5
1-19/64 [33.0]	6 99 02 000 42 6
1-21/64 [33.7]	6 99 02 000 42 7
1-11/32 [34.0]	6 99 02 000 42 8
1-3/8 [35.0]	6 99 02 000 42 9
1-1/2 [38.0]	6 99 02 000 43 0
1-1/2 [38.1]	6 99 02 000 43 1
1-33/64 [38.3]	6 99 02 000 43 2
1-37/64 [40.0]	6 99 02 000 43 3
1-21/32 [42.0]	6 99 02 000 43 4
1-43/64 [42.4]	6 99 02 000 43 5

ADDITIONAL GRIT GHBR ACCESSORIES

Stainless steel sanding support
GHB 15-50 Inox

Part Number
3 90 00 008 10 6

THE SYSTEM THAT GROWS TO MEET NEEDS: GRIT GX.

GRIT GX is based on the building block principle. This means that the basis is a full-fledged belt grinder—and the performance range can be easily expanded as needed by additional modules. That saves time, money and space. Thanks to this flexible design, the GX range is especially well-suited for frequent use in skilled trades. The GRIT GX range also exhibits maximum output and reliability as well as high economic efficiency in use.



BELT GRINDING



- Powerful belt grinder with one or two speeds—the basis of the modular GRIT GX range.
- Also usable as a full-fledged, stand-alone belt grinder.



RADIUS GRINDING



- Expansion module for radius grinding on diverse workpieces stock such as pipes, square tubes, flat materials and profiles.



CYLINDRICAL GRINDING



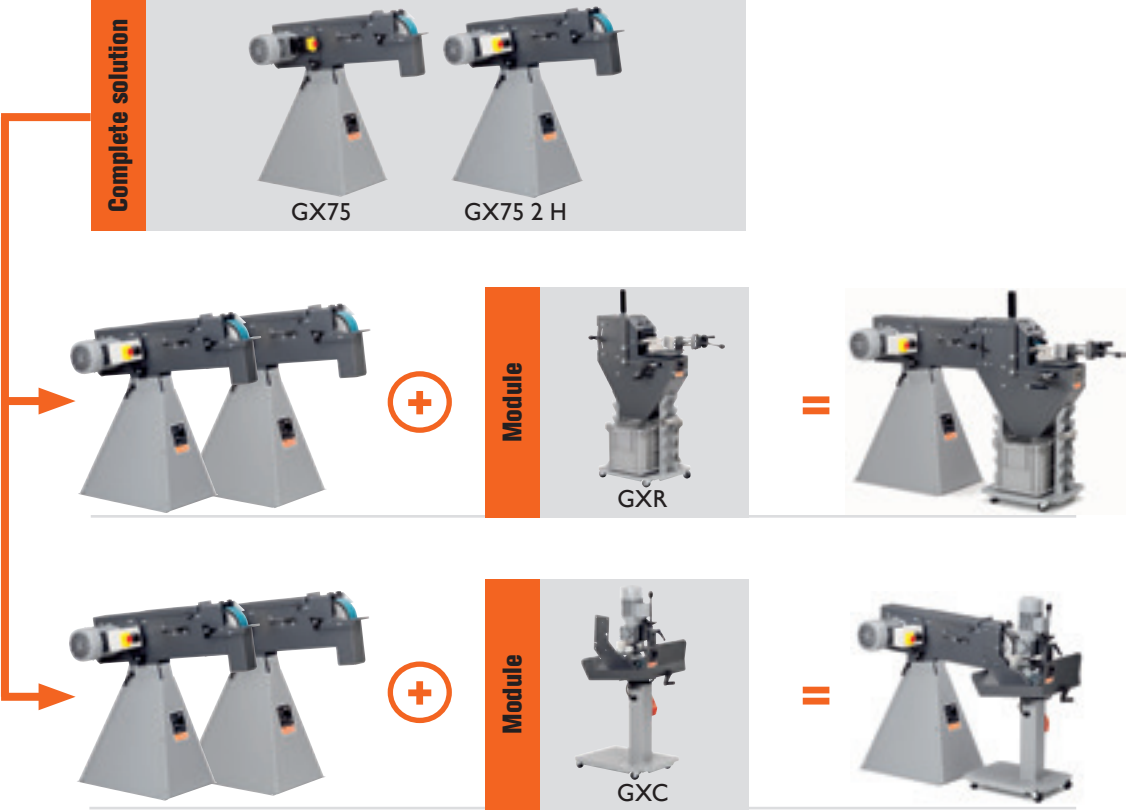
- Expansion module for cylindrical material grinding and polishing – from coarse grinding to surface finishing.



DEBURRING



- Independent complement to the GRIT GX series for deburring steel and stainless steel work pieces using wire brushes.
- Optional tool base available.



Belt grinding

STATIONARY GX BELT GRINDER



Professional machining of stainless steel

The right speed (1,500 or 3,000 rpm) gives you the perfect stainless steel surfaces without discolorations: The grinding temperature and speed on the belt are ideal for stainless steel.



Working on the surface

Use the additional surface for surface grinding.

GX 75

High performance belt grinder, modular expansion capability, for trade use and small production runs



For accessories, see page 91

Price includes

1 CEE plug (16A), 1 Grinding belt 3 x 79 in [75 x 2,000 mm] (36 grit R)

Power consumption	kW	3
Current/Voltage		3 x 400/440 V
No load speed	rpm	3,450
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	165 [75]

Part Number	7 901 21 09 44 3
EAN	4014586890760

Machine also available in 3 x 230/220 V:

Part Number	7 901 21 09 23 3
EAN	4014586879109

BENEFITS OF APPLICATION

- Expandable by means of add-on modules
- Speed of 3,450 rpm ideal for metal machining
- Height-adjustable flat grinding table for longitudinal planar grinding

PRODUCT FEATURES

- Detachable swarf collector
- Connection option for external collector
- Working height independently adjustable
- Patented belt tensioning system
- Robust three-phase motor
- Low vibration level

GX 75 2H



For accessories, see page 91

Price includes

1 Grinding belt 3 x 79 in [75 x 2,000 mm]
(36 grit R), 1 CEE plug (16A)

High performance belt grinder, modular expansion capability, for trade use and small production runs, ideal for stainless steel machining

Power consumption	kW	1.5 / 2
Current/Voltage		3 x 400/440 V
No load speed	rpm	1,730 / 3,450
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	165 [75]

Part Number	7 901 22 52 23 3
EAN	4014586892085

BENEFITS OF APPLICATION

- Expandable by means of add-on modules
- Speeds of 1,730 / 3,450 rpm are ideal for processing metal and stainless steel
- Height-adjustable flat grinding table for longitudinal planar grinding

PRODUCT FEATURES

- Detachable swarf collector
- Connection option for external collector
- Working height independently adjustable
- Patented belt tensioning system
- Robust three-phase motor
- Low vibration level

GXE



For accessories, see page 91

Price includes

1 CEE plug (16A), delivery scope without
steel brush (1 required)

Extremely efficient deburring machine for trade use and small production runs

Power consumption	kW	2.2
Current/Voltage		3 x 400/440 V
No load speed	rpm	1,730
Max. tool dimensions dia x width	in [mm]	9-3/4 [250] x 2-1/4 [60]
Weight	lbs [kg]	71 [32]

Part Number	7 901 05 09 44 3
EAN	4014586890753

Machine also available in 3 x 230/220 V:

Part Number	7 901 05 09 23 3
EAN	4014586890746

BENEFITS OF APPLICATION

- Module-expandable with sturdy machine stand also including integrated collection
- Robust three-phase motor maintains constant rpm when deburring
- For deburring of metal pipe, profiles, and flat materials with work piece width up to 3 in [75 mm]

PRODUCT FEATURES

- Connection option for external collector
- Wide range of wire brushes available
- Effective deburring
- Motor protection switch

GXC



For accessories, see page 91

Price includes

1 Guide rail nylon, 1 Guide rail brass,
1 CEE plug (16A)

Cylindrical grinding module for perfect surfaces on metal and stainless steel pipe and shafts

Power consumption	kW	0.18
Current/Voltage		220/230 & 400/440 V
Pipes up to Ø	in [mm]	1/2 [10] - 4 [100]
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	106 [48]

Part Number	7 901 23 09 44 3
EAN	4014586890777

BENEFITS OF APPLICATION

- Independently adjustable automatic feed
- High operating speed combined with finest surface quality
- For grinding pipe and shafts from 3/8 - 4 in dia.

PRODUCT FEATURES

- Optional combination with GX 75 (2H) and GI 75 (2H) belt grinders
- Wet grinding possible in combination with GXW

GXW

Lubricating coolant module for professional wet grinding



For accessories, see page 91

Price includes

1 liter lubricating coolant (1:30)

Power consumption	kW	0.12
Current/Voltage		220/230 & 400/440 V
Weight	lbs [kg]	19 [8.6]

Part Number	7 901 24 09 44 3
EAN	4014586890784

BENEFITS OF APPLICATION

- Perfect surface results due to effective lubricating coolant delivery
- Reduces the workpiece temperature.

PRODUCT FEATURES

- Fixation of the swarf
- Closed loop
- Optional combination with GX 75 (2H) and GI 75 (2H) belt grinders
- Grinding belt service life increase

GXR

Radius grinding module for exact-fit grinding of pipe, profiles and flat materials



For accessories, see page 91

Price includes

1 Contact roller 1-11/16 in [42.4 mm] dia.,
 1 Contact roller 1-7/8 in [48.3 mm] dia.,
 1 Grinding belt 75 x 2250 mm (36 grit R)

Pipes up to Ø	in [mm]	3/4 [16] - 3-1/2 [90]
Belt dimension	in [mm]	3 [75] x 88-1/2 [2,250]
Max. dimension of profile/flat material	in [mm]	3 [75] x 3 [75]
Weight	lbs [kg]	119 [54]

Part Number	9 90 01 001 11 0
EAN	4014586890852

BENEFITS OF APPLICATION

- For exact grinding of pipe and profiles from 5/8 - 3 [16 - 75 mm] dia.
- Contact rollers in standard sizes are available as options
- Optional length stop for production applications

PRODUCT FEATURES

- Integrated depth stop
- Optional combination with GX 75 (2H) and GI 75 (2H) belt grinders
- Independent angle settings possible up to 90°

FOR INDUSTRIAL USE: THE GI PRODUCT LINE.

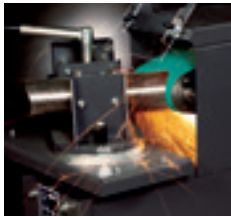
The GRIT GI product line is perfectly tailored to all grinding applications, materials and formats in the metal industry. The modular system enables the optimal tool for the specific situation to be assembled– even for work steps that are already partially automated. The high quality, durability, and extremely high performance of these tools guarantees maximum efficiency and rapid payback, since they are absolutely reliable, even in continuous operation.



BELT GRINDING



- High-performance belt grinders available with 1 or 2 speeds.
- Can be delivered with different belt widths (3 [75] or 6 [150] in [mm]).



RADIUS GRINDING



- Exact-fit grinding of pipes and profiles up to max. dia. of 7-5/8 [193.7] in [mm].



CYLINDRICAL GRINDING



- High-performance cylindrical grinding machine for pipes and cylindrical materials in steel, stainless steel, and non-ferrous metals between 3/8 [10] in [mm] and 5-1/8 [130] in [mm] dia.



LINEAR GRINDING



- Automatic longitudinal grinding of flat materials, profiles and square tubes up to max. 4 [100] x 4 [100] in [mm].



MOBILE GRINDING



- Highly efficient grinding/smoothing of welded seams laid out on the floor.



SINGLE-STATION SOLUTIONS



- Independent complement to the GRIT GI range for belt grinding and deburring steel and stainless steel work pieces.
- Optional tool base available.



STATIONARY GI BELT GRINDER



High-performance in continuous operation

Thanks to a constant speed, you can also grind in continuous operation with high cutting performance.



Optional extraction

This way, air stays clean: The GRIT GI belt grinding tools have a connection for extraction systems (filter cartridge) and heat-resistant extraction hoses made of steel.

GI 75 2V



For accessories, see page 91

Price includes

1 CEE plug (16A), 1 Grinding belt 3 x 79 in [75 x 2,000 mm] (36 grit R)

High performance belt grinder, modular expansion capability, for industrial and production applications

Power consumption	kW	4
Current/Voltage		3 x 230/220 V
No load speed	rpm	3,450
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	143 [65]

Part Number	7 902 01 09 23 3
EAN	4014586879147

BENEFITS OF APPLICATION

- Expandable by means of add-on modules
- Extremely durable three-phase motor allows grinding with constant rpm
- Speed of 3,450 rpm ideal for metal machining

PRODUCT FEATURES

- Detachable swarf collector
- Connection option for external collector
- Drive disc with polyurethane coating
- Working height independently adjustable
- Patented belt tensioning system
- Robust three-phase motor
- Low vibration level

GI 75 2H



For accessories, see page 91

Price includes

1 CEE plug (16A), 1 Grinding belt 3 x 79 in [75 x 2,000 mm] (36 grit R)

High performance belt grinder, modular expansion capability, for industrial and production applications, ideal for stainless steel machining

Power consumption	kW	2.6 - 3.1
Current/Voltage		3 x 400/440 V
No load speed	rpm	1,730 / 3,450
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	143 [65]

Part Number	7 902 02 09 44 3
EAN	4014586890791

Machine also available in 3 x 230/220 V:

Part Number	7 902 02 09 23 3
EAN	4014586879154

BENEFITS OF APPLICATION

- ▶ Expandable by means of add-on modules
- ▶ Extremely durable three-phase motor allows grinding with constant rpm
- ▶ Speeds of 1,730 / 3,450 rpm are ideal for processing metal and stainless steel

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection option for external collector
- ▶ Drive disc with polyurethane coating
- ▶ Working height independently adjustable
- ▶ Extremely durable three-phase motor
- ▶ Patented belt tensioning system
- ▶ Low vibration level

GI 150



For accessories, see page 91

Price includes

1 CEE plug (16A), 1 Grinding belt 6 x 79 in [150 x 2,000 mm] (36 grit R)

Power consumption	kW	4
Current/Voltage		3 x 400/440 V
No load speed	rpm	3,450
Belt dimension	in [mm]	6 [150] x 78-3/4 [2,000]
Weight	lbs [kg]	181 [82]

Part Number	7 902 04 09 44 3
EAN	4014586890807

Machine also available in 3 x 230/220 V:

Part Number	7 902 04 09 23 3
EAN	4014586879161

BENEFITS OF APPLICATION

- ▶ Expandable by means of add-on modules
- ▶ Extremely durable three-phase motor allows grinding with constant rpm
- ▶ Speed of 3,450 rpm ideal for metal machining

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection option for external collector
- ▶ Drive disc with polyurethane coating
- ▶ Working height independently adjustable
- ▶ Patented belt tensioning system
- ▶ Robust three-phase motor
- ▶ Low vibration level

GI 150 2H



For accessories, see page 91

Price includes

1 CEE plug (16A), 1 Grinding belt 6 x 79 in [150 x 2,000 mm] (36 grit R)

High performance belt grinder, modular expansion capability, for industrial and production applications, ideal for stainless steel machining

Power consumption	kW	2.6 - 3.1
Current/Voltage		3 x 400/440 V
No load speed	rpm	1,730 / 3,450
Belt dimension	in [mm]	6 [150] x 78-3/4 [2,000]
Weight	lbs [kg]	181 [82]

Part Number	7 902 05 09 44 3
EAN	4014586890814

Machine also available in 3 x 230/220 V:

Part Number	7 902 05 09 23 3
EAN	4014586879178

BENEFITS OF APPLICATION

- ▶ Expandable by means of add-on modules
- ▶ Extremely durable three-phase motor allows grinding with constant rpm
- ▶ Speeds of 1,730 / 3,450 rpm are ideal for processing metal and stainless steel

PRODUCT FEATURES

- ▶ Detachable swarf collector
- ▶ Connection option for external collector
- ▶ Drive disc with polyurethane coating
- ▶ Working height independently adjustable
- ▶ Patented belt tensioning system
- ▶ Low vibration level

GIE

Extremely effective deburring machine for industrial production deburring



For accessories, see page 91

Price includes

1 CEE plug (16A), delivery scope without
steel brush (2 required)

Power consumption	kW	1.5 / 2.0
Current/Voltage		3 x 230/220 V
No load speed	rpm	1,730 / 3,450
Max. tool dimensions dia x width	in [mm]	9-3/4 [250] x 2-1/4 [60] / 4-3/4 [120]
Weight	lbs [kg]	75 [34]

Part Number	7 902 07 09 23 3
EAN	4014586890821

BENEFITS OF APPLICATION

- ▶ Speeds of 1,730 / 3,450 rpm are ideal for processing metal and stainless steel
- ▶ Module-expandable with sturdy machine stand also including integrated collection
- ▶ Robust three-phase motor maintains constant rpm when deburring

PRODUCT FEATURES

- ▶ Connection option for external collector
- ▶ Wide range of wire brushes available
- ▶ Effective deburring
- ▶ Motor protection switch

GIC

Cylindrical grinding module for industrial volume production



For accessories, see page 91

Price includes

1 Guide rail nylon, 1 Guide rail brass,
1 CEE plug (16A)

Power consumption	kW	0.18
Current/Voltage		220/230 & 400/440 V
Pipes up to Ø	in [mm]	1/2 [10] - 5 [130]
Belt dimension	in [mm]	3 [75] / 6 [150] x 78-3/4 [2,000]
Advance	ft/min [m/min]	- 79 [2]
Weight	lbs [kg]	143 [65]

Part Number	7 902 12 09 44 3
EAN	4014586890838

BENEFITS OF APPLICATION

- ▶ For industrial cylinder grinding of pipe up to 19.8 ft [6 m] in length with optional pipe guide.
- ▶ Flexible processing of pipe from 3/8 - 5-1/8 in [10 - 130 mm] diameter.
- ▶ Cool surfaces and extended grinding belt service life by means of wet grinding in combination with the cooling lubricant module GXW.

PRODUCT FEATURES

- ▶ Optional combination with GI 75 (2H) and GI 150 (2H) belt grinders.
- ▶ Quick-release attachment for easy, tool-free changes.
- ▶ Continuously variable feeder speed from 0 - 78-3/4 in/min [0 - 2 m/min].

GRIT GIMS



Flexible adjustment
The axial distance is adjustable, ensuring that you can work comfortably, even in tight space conditions.

Work comfortably
The GRIT GIMS grinding mobile shines in many work situations thanks to its convenience and ease of use.

GIMS 75

Mobile carriage for effective “on site” grinding at floor level



For accessories, see page 91

Power consumption	kW	4
Current/Voltage		3 x 400/440 V
No load speed	rpm	3,450
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	220 [100]

Part Number	7 902 13 09 44 3
EAN	4014586890845

BENEFITS OF APPLICATION

- Comfortable operator stance due to perpendicular work position
- Highly effective grinding and honing of welded seams at floor level
- Grinding over and descaling metal parts

PRODUCT FEATURES

- Tow bar continuously adjustable
- Small wall clearance dimension
- Depth stop.

STATIONARY SURFACE GRINDER



Flat grinding made simple

Even the longitudinal grinding of square and flat materials or profiles is made as easy as possible with the unique flat material grinding machine GRIT GILS. There is no change in the belt dimensions of the base unit.



Clean sanding

Highly effective double extraction with cartridge filter ensures air purification.

GIL

Flat grinding module for perfect longitudinal grinding of square tube, sections and flat materials



For accessories, see page 91

Power consumption	kW	0.18
Current/Voltage		3 x 400/440 V
Belt dimension	in [mm]	6 [150] x 78-3/4 [2,000]
Max. dimension of profile/flat material	in [mm]	4 [100] x 4 [100]
Weight	lbs [kg]	141 [64]

Part Number	7 902 48 00 40 3
EAN	4014586880945

BENEFITS OF APPLICATION

- High operating speed using automatic feed
- Best surface results through finishing
- Flat material can also be ground "upright"

PRODUCT FEATURES

- Stable belt dimensions 6 x 79 in [150 x 2000 mm]
- Belt grinder can be used for contact grinding despite the mounted module
- For angular work piece
- Optional combination with GI 150 (2H) belt grinder
- Space saving operation possible using optional swivel plate

GIB

Extremely sturdy machine stand



For accessories, see page 91

Weight	lbs [kg]	37 [17]
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Part Number	9 90 01 003 03 0
EAN	4014586890869

BENEFITS OF APPLICATION

- Comfortable working height effortlessly adjustable by means of gas-filled struts
- Low vibration level due to robust construction

PRODUCT FEATURES

- Optional combination with GI 75 (2H) and GI 150 (2H) belt grinders
- Powder coating
- Durable welded construction

GIBE

Extremely sturdy machine stand with integrated double extraction



For accessories, see page 91

Power consumption	kW	0.35
Weight	lbs [kg]	121 [55]

Part Number	9 90 01 004 04 0
EAN	4014586890876

BENEFITS OF APPLICATION

- Integrated metal swarf box, hot spark resistant
- Durable welded construction

PRODUCT FEATURES

- Flexible, heat-resistant steel pipes
- Cartridge filter for effective filtration
- Optional combination with GI 75 (2H) and GI 150 (2H) belt grinders
- Powder coating

GIR

Radius grinding module for exact-fit grinding of pipe, profiles and flat materials in production work



For accessories, see page 91

Price includes

- 1 Contact roller 1-11/16 in [42.4 mm] dia.,
- 1 Grinding belt 5-7/8 x 86 in [150 x 2,250 mm] (36 grit R),
- 1 Dust container

Pipes up to Ø	in [mm]	3/4 [20] - 7-3/4 [193.7]
Belt dimension	in [mm]	6 [150] x 88-1/2 [2,250]
Max. dimension of profile/flat material	in [mm]	4-3/4 [120] x 6 [150]
Weight	lbs [kg]	240 [109]

Part Number	9 90 01 007 11 0
EAN	4014586890883

BENEFITS OF APPLICATION

- For exact grinding of pipe and profiles from 13/16 - 5-7/8 in [20-193,7 mm] dia.
- Contact rollers in standard sizes are available as options
- Optional length stop for production applications

PRODUCT FEATURES

- Integrated depth stop for production work
- Optional combination with GI 150 (2H) belt grinder
- Independent angle settings possible up to 90°

FOR THE WORKSHOP: GKS – THE COMPACT BELT GRINDER.

GRIT GKS



Economical solution for the workshop.
The GKS offers an optimum price/performance ratio and can be operated right out of the box.

Belt grinding

		GRIT GKS
Application	Power consumption	1,5 kW
	Sanding small parts	▲▲▲
	Gentle deburring	▲▲
	Gentle sanding	▲▲
	Continuous deburring	▲
	Continuous sanding	▲
	INOX machining	▲

▲▲▲ optimal suitability ▲▲ very well-suited ▲ suitability

GRIT GKS 75



For accessories, see page 91

Price includes

1 Grinding belt 3 x 79 in [75 x 2,000 mm]
(36 grit R)

Compact belt grinder for metalworking. The economical solution for the workshop.

Power consumption	kW	1.1
Current/Voltage		1 x 230 V
No load speed	rpm	3,450
Belt dimension	in [mm]	3 [75] x 78-3/4 [2,000]
Weight	lbs [kg]	99 [45]

Part Number	7 905 02 09 23 2
EAN	4014586888286

BENEFITS OF APPLICATION

- Very economical to buy with an optimal price/performance ratio.
- 2/3 smaller space requirement than with conventional tools as a result of the minimalist design concept.
- Can be used immediately. No construction or assembly necessary.

PRODUCT FEATURES

- Short set-up times—quick grinding belt changes.
- Maximum work safety thanks to controlled flying sparks.



GRINDING BELTS



3M™ Cubitron™ II

Precision grinding belt with ceramic grit guarantees maximum removal rate and service life. The uniform shape of the ceramic grit enables unique feedback during the machining process. This results in cool grinding without heat discoloration and better surface quality.
3 x 79 in [75 x 2,000 mm]

Grit	Qty 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 grit guarantees maximum removal rate and service life. The uniform shape of the ceramic grit enables unique feedback during the machining process. This results in cool grinding without heat discoloration and better surface quality.
3 x 88-9/16 [75 x 2,250] in [mm], for radius grinding with the GRIT GXR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 151 00 0



3M™ Cubitron™ II

Precision grinding belt with ceramic grit guarantees maximum removal rate and service life. The uniform shape of the ceramic grit enables unique feedback during the machining process. This results in cool grinding without heat discoloration and better surface quality.
6 x 79 in [150 x 2,000 mm]

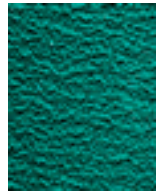
Grit	Qty pcs	Part Number
36	10	6 99 03 148 00 0
60	10	6 99 03 149 00 0
80	10	6 99 03 150 00 0



3M™ Cubitron™ II

Precision grinding belt with ceramic grit guarantees maximum removal rate and service life. The uniform shape of the ceramic grit enables unique feedback during the machining process. This results in cool grinding without heat discoloration and better surface quality.
6 x 88-9/16 [150 x 2,250] in [mm], for radius grinding with the GRIT GIR module.

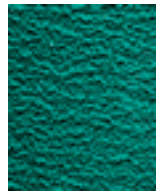
Grit	Qty pcs	Part Number
36	10	6 99 03 154 00 0



Grinding belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
3 x 79 in [75 x 2,000 mm]

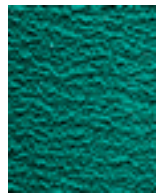
Grit	Qty pcs	Part Number
24	10	6 99 03 000 00 0
36	10	6 99 03 002 00 0
40	10	6 99 03 004 00 0
60	10	6 99 03 007 00 0
80	10	6 99 03 009 00 0
120	10	6 99 03 013 00 0



Grinding belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
3 x 88-9/16 [75 x 2,250] in [mm], for radius grinding with the GRIT GXR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 020 00 0



Grinding belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
3 x 90-9/16 [75 x 2,300] in [mm] for radius grinding with the GRIT GXR module for contact rollers with a dimension of > 3-1/8 [80] in [mm].

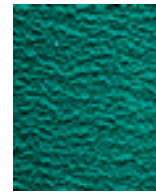
Grit	Qty pcs	Part Number
36	10	6 99 03 122 00 0



Grinding belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
6 x 79 in [150 x 2,000 mm]

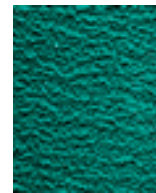
Grit	Qty pcs	Part Number
24	10	6 99 03 039 00 0
36	10	6 99 03 040 00 0
40	10	6 99 03 042 00 0
60	10	6 99 03 044 00 0
80	10	6 99 03 046 00 0
120	10	6 99 03 048 00 0



Grinding belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
6 x 88-9/16 [150 x 2,250] in [mm], for radius grinding with the GRIT GIR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 053 00 0



Grinding belts, type R

The top grinding belt commercially available. With significantly less processing time and distinctly superior service life. Recommended primarily for processing corrosion resistant and high-alloy steel. Extra heavy polyester fabric, full resin bond with zirconium aluminum oxide. Additional top layer for cooling during the grinding process.
6 x 94-1/2 [150 x 2,400] in [mm], for radius grinding with the GRIT GIR module for contact rollers with a dimension of > 6-3/4 [170] in [mm].

Grit	Qty pcs	Part Number
36	10	6 99 03 111 00 0



Grinding belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide. 3 x 79 in [75 x 2,000 mm]

Grit	Qty 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 belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide. 3 x 88-9/16 [75 x 2,250] in [mm], for radius grinding with the GRIT GXR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 021 00 0



Grinding belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide. 4 x 39-3/8 in [100 x 1,000 mm]

Grit	Qty 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 belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide. 6 x 79 in [150 x 2,000 mm]

Grit	Qty 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 belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide. 6 x 88-9/16 [150 x 2,250] in [mm], for radius grinding with the GRIT GIR module.

Grit	Qty pcs	Part Number
36	10	6 99 03 054 00 0



Grinding belts, type Z

Grinding and deburring for steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this belt stands out especially due to its long service life, performance and value. Heavy polyester fabric, full resin bond with zirconium aluminum oxide. 6 x 94-1/2 [150 x 2,400] in [mm], for radius grinding with the GRIT GIR module for contact rollers with a dimension of > 6-3/4 [170] in [mm].

Grit	Qty pcs	Part Number
36	10	6 99 03 112 00 0



Grinding belts, type A

Grinding belts with fine grit for polishing metals to a fine finish. Excellent surface results. Heavy cotton fabric, full resin bond with corundum. 3 x 79 in [75 x 2,000 mm]

Grit	Qty 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

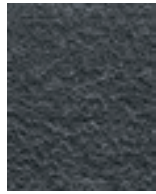


Grinding belts, type A

Grinding belts with fine grit for polishing metals to a fine finish. Excellent surface results. Heavy cotton fabric, full resin bond with corundum. 6 x 79 in [150 x 2,000 mm]

Grit	Qty 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

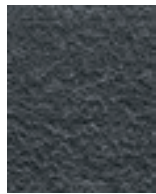
FLEECE BELTS



Fleece belt

Reliable from elimination of minor defects to perfect finishes. Long service life enables cost-effective work. 3 x 79 in [75 x 2,000 mm]

Model	Qty pcs	Part Number
very fine	3	6 99 03 121 01 0
medium	3	6 99 03 119 01 0
coarse	3	6 99 03 117 01 0



Fleece belt

Reliable from elimination of minor defects to perfect finishes. Long service life enables cost-effective work. 6 x 79 in [150 x 2,000 mm]

Model	Qty pcs	Part Number
very fine	3	6 99 03 120 01 0
medium	3	6 99 03 118 01 0
coarse	3	6 99 03 116 01 0

GRIT GX 75 / GX 75 2H ACCESSORIES



Stainless steel sanding support
GX 75

Part Number
6 99 02 338 00 0



Graphite pad
as friction reducer for flat material grinding,

Qty pcs	Part Number
5	3 90 00 000 00 1



Eye protection
Acrylic plate for protection from sparks

Qty pcs	Part Number
3	3 90 00 000 00 4



Spark bin
With interfaces at extraction.

Part Number
6 99 02 343 00 0

GRIT GXR ACCESSORIES

Stainless steel vise jaw
interchangeable, for vise
installation when processing
stainless steel.

Part Number
6 99 02 004 00 0



Length stop
Length 1,000 mm, continuously
adjustable, easy assembly

Part Number
6 99 02 001 00 0



Contact roller
Long service life, low rolling
resistance due to high-quality ball
bearings, easily replaceable.

Dia. in [mm]	Part Number
5/8 [16.0]	6 99 02 020 00 0
43/64 [17.0]	6 99 02 021 00 0
43/64 [17.2]	6 99 02 022 00 0
45/64 [18.0]	6 99 02 023 00 0
3/4 [19.0]	6 99 02 024 00 0
25/32 [20.0]	6 99 02 025 00 0
53/64 [21.0]	6 99 02 026 00 0
27/32 [21.3]	6 99 02 027 00 0
55/64 [22.0]	6 99 02 028 00 0
7/8 [22.2]	6 99 02 029 00 0
57/64 [22.5]	6 99 02 030 00 0
29/32 [23.0]	6 99 02 031 00 0
29/32 [23.1]	6 99 02 032 00 0
15/16 [24.0]	6 99 02 033 00 0
31/32 [24.5]	6 99 02 034 00 0
63/64 [25.0]	6 99 02 035 00 0
1/1 [25.4]	6 99 02 036 00 0
1-1/64 [25.9]	6 99 02 037 00 0
1-1/32 [26.0]	6 99 02 038 00 0
1-3/64 [26.4]	6 99 02 039 00 0
1-1/16 [26.9]	6 99 02 040 00 0
1-1/16 [27.0]	6 99 02 041 00 0
1-7/64 [28.0]	6 99 02 042 00 0
1-1/8 [28.6]	6 99 02 043 00 0
1-9/64 [28.8]	6 99 02 044 00 0
1-9/64 [29.0]	6 99 02 045 00 0
1-3/16 [30.0]	6 99 02 046 00 0
1-1/4 [31.7]	6 99 02 047 00 0
1-17/64 [32.0]	6 99 02 048 00 0
1-19/64 [33.0]	6 99 02 049 00 0
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1-11/32 [34.0]	6 99 02 051 00 0
1-3/8 [35.0]	6 99 02 052 00 0
1-27/64 [36.0]	6 99 02 053 00 0
1-15/32 [37.5]	6 99 02 054 00 0
1-1/2 [38.0]	6 99 02 055 00 0
1-1/2 [38.1]	6 99 02 056 00 0
1-33/64 [38.3]	6 99 02 057 00 0
1-37/64 [40.0]	6 99 02 058 00 0
1-39/64 [41.0]	6 99 02 059 00 0
1-5/8 [41.2]	6 99 02 060 00 0
1-21/32 [42.0]	6 99 02 061 00 0
1-43/64 [42.4]	6 99 02 062 00 0
1-43/64 [42.6]	6 99 02 063 00 0

Dia. in [mm]	Part Number
1-11/16 [43.0]	6 99 02 064 00 0
1-45/64 [43.3]	6 99 02 065 00 0
1-47/64 [44.0]	6 99 02 066 00 0
1-3/4 [44.5]	6 99 02 067 00 0
1-49/64 [45.0]	6 99 02 068 00 0
1-13/16 [46.0]	6 99 02 069 00 0
1-57/64 [48.0]	6 99 02 070 00 0
1-29/32 [48.3]	6 99 02 071 00 0
1-59/64 [49.0]	6 99 02 072 00 0
1-31/32 [50.0]	6 99 02 073 00 0
2 [50.8]	6 99 02 074 00 0
2-1/64 [51.0]	6 99 02 075 00 0
2-3/32 [53.0]	6 99 02 076 00 0
2-7/64 [53.7]	6 99 02 077 00 0
2-1/8 [54.0]	6 99 02 078 00 0
2-11/64 [55.0]	6 99 02 079 00 0
2-1/4 [57.0]	6 99 02 080 00 0
2-9/32 [58.0]	6 99 02 081 00 0
2-21/64 [59.0]	6 99 02 082 00 0
2-23/64 [60.0]	6 99 02 083 00 0
2-3/8 [60.3]	6 99 02 084 00 0
2-31/64 [63.0]	6 99 02 085 00 0
2-1/2 [63.5]	6 99 02 086 00 0
2-9/16 [65.0]	6 99 02 087 00 0
2-41/64 [67.0]	6 99 02 088 00 0
2-23/32 [69.0]	6 99 02 089 00 0
2-3/4 [70.0]	6 99 02 090 00 0
2-7/8 [73.0]	6 99 02 091 00 0
2-61/64 [75.0]	6 99 02 092 00 0
2-63/64 [76.0]	6 99 02 093 00 0
3 [76.1]	6 99 02 094 00 0
3 [76.2]	6 99 02 095 00 0
3-5/32 [80.0]	6 99 02 096 00 0
3-1/4 [82.5]	6 99 02 097 00 0
3-1/2 [88.9]	6 99 02 098 00 0
3-35/64 [90.0]	6 99 02 099 00 0



**GU75/GR/GXR
eye protection 3/pack**

Part Number
3 90 00 000 00 7



Water container
Plastic, for extinguishing sparks,
with handles at the sides, capacity
approx. 15 liters

Part Number
3 90 00 000 38 5

ACCESSORIES FOR GI MACHINES



**Pipe guide for cylinder
grinding**
3/8 - 5-1/8 in [10-130 mm] dia.

Part Number
6 99 02 179 60 0



**Pipe guide for cylinder
grinding**
3/8 - 5-1/8 in [10-160 mm] dia.
Interchangeable to suit pipe
length.

max. pipe length in [mm]
39-1/4 [1,000]

Part Number
6 99 02 180 60 0



**Pipe guide for cylinder
grinding**
3/8 - 5-1/8 in [10-160 mm] dia.
Interchangeable to suit pipe
length.

max. pipe length in [mm]
59 [1,500]

Part Number
6 99 02 181 60 0



Guide rail, brass
For dry grinding and rough
material surfaces

Part Number
3 90 00 000 49 6



Guide rail, nylon
For high surface quality

Part Number
3 90 00 000 49 7

GRIT GXE ACCESSORIES



**Stainless steel sanding
support
GXE**

Part Number
6 99 02 344 00 0



Steel brush
10 in [250 mm] dia. x 2-3/8 in
[60 mm], with very high tensile
strength wire for extremely
efficient use, mounting hole dia.
2 in [51 mm]. 33 wire gauge
[0.20 mm] for thin-wall pipes and
profiles. 28 wire gauge [0.35 mm]
for general use. 25 wire strength
[0.50 mm] for thick-walled pipes,
profiles, and high performance
deburring.
For steel

Wire thickness gauge[mm]
33 [0.20]

Part Number
6 99 02 006 00 0
28 [0.35]
6 99 02 007 00 0
25 [0.50]
6 99 02 008 00 0

BELT GRINDING



Steel brush

10 in [250 mm] dia. x 2-3/8 in [60 mm], with very high tensile strength wire for extremely efficient use, mounting hole dia. 2 in [51 mm]. 33 wire gauge [0.20 mm] for thin-wall pipes and profiles. 28 wire gauge [0.35 mm] for general use. 25 wire strength [0.50 mm] for thick-walled pipes, profiles, and high performance deburring. For stainless steel

Wire thickness gauge[mm]	Part Number
33 [0.20]	6 99 02 009 00 0
28 [0.35]	6 99 02 010 00 0



Eye protection

Acrylic plate for protection from sparks

Qty pcs	Part Number
3	3 90 00 000 00 4

ACCESSORIES GRIT GXW



Cooling lubricant emulsion
Concentrated, 2.6 gal [10 l], mix ratio 1:30, makes 79 gal [300 l] ready-to-use cooling lubricant.

Part Number
6 99 02 100 00 0

ADDITIONAL GRIT GX ACCESSORIES



Hose
flexible, for chip removal, 3-9/16 in [90 mm] dia., 3.3 Ft. [1 m] long, steel, highly heat resistant.

Part Number
3 90 00 000 00 2



Clamping band
for flexible hose attachment.

Part Number
3 90 00 000 00 3



Dust container
for quenching sparks, metal cover for hose connection, plastic, side handles, capacity approx. 5.3 gal [20 liters]

Part Number
6 99 02 000 00 0



Dust extraction device
For connecting to industrial vacuum cleaner.

Part Number
6 99 02 000 14 7

GRIT GI 75/GI 75 2H ACCESSORIES



Graphite pad
as friction reducer for flat material grinding,

Qty pcs	Part Number
5	3 90 00 000 00 1



GU75/GR/GXR eye protection 3/pack

Part Number
3 90 00 000 00 7



Mitre joint unit for preparation of welded seams
Equipment for beveling workpieces for weld seam preparation. 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

GRIT GI 150/GI 150 2H ACCESSORIES



Graphite pad

Part Number
3 90 00 000 05 6



Mitre joint unit for preparation of welded seams
Equipment for beveling workpieces for weld seam preparation. 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

Qty pcs	Part Number
3	3 90 00 000 18 4

GRIT GIR ACCESSORIES



Contact roller
Long service life, low rolling resistance due to high- quality ball bearings, easily replaceable.

Dia. in [mm]	Part Number
25/32 [20.0]	6 99 02 101 00 0
55/64 [22.0]	6 99 02 102 00 0
63/64 [25.0]	6 99 02 103 00 0
1/1 [25.4]	6 99 02 104 00 0
1-1/16 [26.9]	6 99 02 105 00 0
1-7/64 [28.0]	6 99 02 106 00 0
1-3/16 [30.0]	6 99 02 107 00 0
1-17/64 [32.0]	6 99 02 108 00 0
1-21/64 [33.7]	6 99 02 109 00 0
1-3/8 [35.0]	6 99 02 110 00 0
1-1/2 [38.0]	6 99 02 111 00 0
1-1/2 [38.1]	6 99 02 112 00 0
1-33/64 [38.3]	6 99 02 113 00 0
1-37/64 [40.0]	6 99 02 114 00 0
1-43/64 [42.4]	6 99 02 115 00 0
1-3/4 [44.5]	6 99 02 116 00 0
1-29/32 [48.3]	6 99 02 117 00 0
1-31/32 [50.0]	6 99 02 118 00 0
2 [50.8]	6 99 02 119 00 0
2-23/64 [60.0]	6 99 02 120 00 0
2-3/8 [60.3]	6 99 02 121 00 0
2-1/2 [63.5]	6 99 02 122 00 0
2-23/32 [69.0]	6 99 02 123 00 0
3 [76.1]	6 99 02 124 00 0
3 [76.2]	6 99 02 125 00 0
3-5/16 [84.0]	6 99 02 126 00 0
3-1/2 [88.9]	6 99 02 127 00 0
4 [101.6]	6 99 02 128 00 0
4-3/32 [104.0]	6 99 02 129 00 0
4-1/4 [108.0]	6 99 02 130 00 0
4-1/2 [114.3]	6 99 02 131 00 0
5-15/64 [133.0]	6 99 02 132 00 0
5-1/2 [139.7]	6 99 02 133 00 0
6-5/8 [168.3]	6 99 02 134 00 0
7-5/8 [193.7]	6 99 02 000 18 7



Eye protection

Qty pcs	Part Number
3	3 90 00 000 18 4



Mitre grinding plate GIG
For accurate miter grinding, simple assembly. Only for models before 10/2013.

Part Number
6 99 02 175 00 0



Extraction support
For perfect extraction, mounts to machine base GRIT GIBE with double extraction

Part Number
6 99 02 182 00 0

GRIT GIE ACCESSORIES



Steel brush

10 in [250 mm] dia. x 2-3/8 in [60 mm], with very high tensile strength wire for extremely efficient use, mounting hole dia. 2 in [51 mm]. 33 wire gauge [0.20 mm] for thin-wall pipes and profiles. 28 wire gauge [0.35 mm] for general use. 25 wire strength [0.50 mm] for thick-walled pipes, profiles, and high performance deburring.
For steel

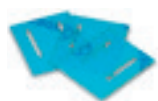
Wire thickness gauge[mm]	Part Number
33 [0.20]	6 99 02 006 00 0
28 [0.35]	6 99 02 007 00 0
25 [0.50]	6 99 02 008 00 0



Steel brush

10 in [250 mm] dia. x 2-3/8 in [60 mm], with very high tensile strength wire for extremely efficient use, mounting hole dia. 2 in [51 mm]. 33 wire gauge [0.20 mm] for thin-wall pipes and profiles. 28 wire gauge [0.35 mm] for general use. 25 wire strength [0.50 mm] for thick-walled pipes, profiles, and high performance deburring.
For stainless steel

Wire thickness gauge[mm]	Part Number
33 [0.20]	6 99 02 009 00 0
28 [0.35]	6 99 02 010 00 0



GU75/GR/GXR eye protection 3/pack

Part Number
3 90 00 000 00 7



filter cartridge

Fits GRIT GIBE.

Part Number
3 90 00 000 97 6



Metal filter

Fits GRIT GIBE.

Part Number
3 90 00 000 10 0

GRIT GIC ACCESSORIES



Pipe guide for cylinder grinding

3/8 - 6-5/16 in [10-160 mm] dia.
Interchangeable to suit pipe length.

max. pipe length in [mm]	Part Number
39-1/4 [1,000]	6 99 02 180 60 0



Pipe guide for cylinder grinding

3/8 - 6-5/16 in [10-160 mm] dia.
Interchangeable to suit pipe length.

max. pipe length in [mm]	Part Number
59 [1,500]	6 99 02 181 60 0



Tube cleaning unit

For a clean, dry work environment. The cooling water is wiped from the pipe surface without scratching the pipe. For pipes from 3/8 - 5-1/8 in [10-130 mm] diameter. Easy attachment to the GRIT GIC.

Part Number
6 99 02 000 14 6

drilling template

For attachment to belt grinders GI 75 / GI 75 2H older than 1034026 series. For retrofit of tapped holes on the specified belt grinders.

Part Number
3 90 00 004 55 4



Guide rail, brass

For dry grinding and rough material surfaces

Part Number
3 90 00 000 49 6



Guide rail, nylon

For high surface quality

Part Number
3 90 00 000 49 7



Cooling lubricant emulsion

Concentrated, 2.6 gal [10 l], mix ratio 1:30, makes 79 gal [300 l] ready-to-use cooling lubricant.

Part Number
6 99 02 100 00 0

GRIT GIL ACCESSORIES



Graphite pad

as friction reducer for flat material grinding,

Qty pcs	Part Number
4	3 90 00 004 76 0

ADDITIONAL GRIT GI ACCESSORIES



Hose

flexible, for chip removal, 3-9/16 in [90 mm] dia., 3.3 Ft. [1 m] long, steel, highly heat resistant.

Part Number
3 90 00 000 00 2



Clamping band

for flexible hose attachment.

Part Number
3 90 00 000 00 3



Water container

Plastic, for extinguishing sparks, with handles at the sides, capacity approx. 15 liters

Part Number
3 90 00 000 38 5



Dust container

for quenching sparks, metal cover for hose connection, plastic, side handles, capacity approx. 5.3 gal [20 liters]

Part Number
6 99 02 000 00 0



Dust extraction device

For connecting to industrial vacuum cleaner.

Part Number
6 99 02 000 14 7



Drive wheel

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

To fit the work area in confined spaces, infinitely variable swivel range up to 90°.

Part Number
6 99 02 176 00 0



Plugbox 2 x 7 poles

Part Number
6 99 02 183 00 0

MAGNETIC BASE DRILLING



CONTENTS

MOBILE

Flexible, hand-held metal core drilling system with 6-times faster work progress than twist drilling. 104

ENDURANCE

Magnet base drills with basic functionality for mag base and twist drilling without compromising service life or performance. 108

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Powerful universal magnetic base drill with highest quality standards for universal use. 116

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Powerful, fully automatic Auto Magnet base drill for maximum efficiency and minimum physical effort. 125

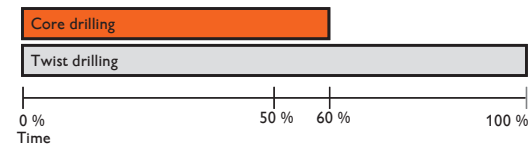
MAGNETIC BASE DRILLING



GET TO THE BOTTOM OF THE METAL 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 Slugger mag drills reduce effort to a minimum, because as well as requiring no pre-drilling or retooling, they also offer rapid work performance. And because Slugger annular cutters have a smaller machining surface, the feed force is minimal – saving time, energy and money.

Cuts working time by up to 40 %



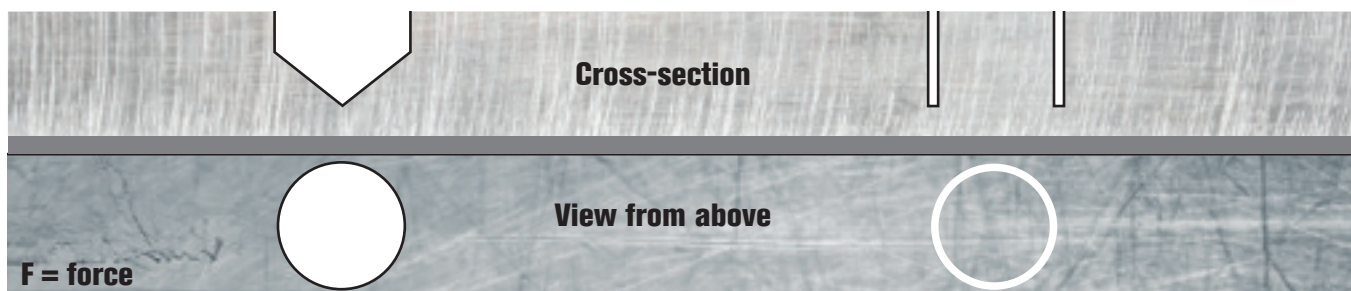
Twist drilling

- Centring
- Pre-drilling
- Tool change
- Finish drilling



Mag base drilling

- One step drilling with annular cutters.

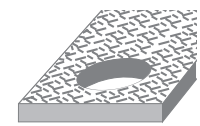
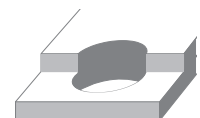
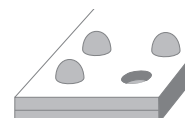
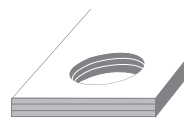
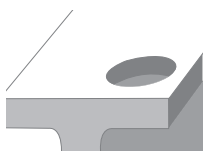


Efficiency means achieving maximum results with minimum effort – which perfectly describes Slugger mag base drills. Unlike conventional twist drilling, core drilling only involves machining a narrow ring and not the entire drilling surface. This allows the

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 annular cutter holes in metal. This makes mag base drilling a very economical drilling technique.

Wide range of applications

Mag base 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 MAGNETIC
BASE 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 mag base drilling. We provide hand-guided core drilling systems, which are ideally suited to flexible use in tight spaces, compact magnetic magnetic base 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 magnetic base 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 MAGNET BASE DRILLS.

Since inventing the first electromagnetic drill in 1909, we have been continually further developing magnetic base drills and annular cutters.

Superior 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 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 JMC, JMU and JCM AUTO 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 mag drills, annular cutters 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 holes and at an impressive speed.

FOR ANY APPLICATION: THE RIGHT TOOL FROM FEIN.

Tasks in metalworking vary widely. FEIN gives you the right mag drill from 5 performance classes that are designed optimally for the respective applications: handheld, mobile or stationary. The mag drills cover diameters up to 3-1/8 [80] in [mm] and cutting depths up to 3 [75] in [mm].



MOBILE



- ▶ Hand-operated system: Maximum flexibility and versatility.
- ▶ Regardless of the material and surface: Also suitable for uneven and non-magnetic metals.
- ▶ 6 x faster work progress than twist drilling.



ENDURANCE



- ▶ Entry-level models with basic functionality for mag base and twist drilling.
- ▶ Optimal price/performance ratio.
- ▶ Suitable for the use of the longest drill bits.



COMPACT



- ▶ Working in tight and difficult-to-reach spots—even vertically and overhead.
- ▶ Small and compact: Ideal for high assembly tasks.
- ▶ Perfect width across corners for working near edges.



UNIVERSAL



- ▶ Highest versatility: Can be used for mag base, twist drilling, tapping, countersinking and grinding.
- ▶ Use the longest drills thanks to a double dovetail motor guide.
- ▶ Simple and unmistakable operating concept in the user's field of view—risk of operating errors is reduced.



AUTOMATIC



- ▶ Time and cost savings in large volume drilling due to drill feed.
- ▶ Working times can be planned thanks to reproducible and consistent drilling times.
- ▶ The worker only has to start the drilling process.



HERE YOU'LL FIND THE RIGHT PERFORMANCE CLASS FOR YOUR APPLICATIONS.

APPLICATION/ FUNCTIONALITY	MOBILE	ENDURANCE	COMPACT	UNIVERSAL	AUTOMATIC
Mag base drilling	▲▲	▲▲	▲▲	▲▲	▲▲
Fully automatic core drilling	—	—	—	—	▲▲
Twist drilling	▲▲	▲	▲	▲▲	▲▲*
Twist drilling with MT fitting	—	▲	—	▲▲	▲▲*
Tapping	▲▲	—	▲	▲▲	▲▲*
Countersinking	▲▲	—	▲	▲▲	▲▲*
Reaming	—	—	—	▲▲	▲▲
Confined spaces	▲▲	▲	▲▲	▲	▲

EQUIPMENT

Clockwise/ Counter-clockwise rotation	✓	—	✓**	✓	✓
Electronic speed setting	✓	—	✓**	✓	✓
MT tool mounting	—	✓	—	✓	✓
Extra-large stroke range	—	✓	—	✓	✓
Speed-controlled tacho electronics	✓	—	✓	✓	✓
PAGE	104	108	113	116	125

MOBILE

**KBH 25-2 U**

Hand-held 2-speed metal core drilling system for universal core and twist bit drilling.

	Page		105
Application	Tapping		▲▲
	Countersinking		▲▲
	Hole sawing in sheet metal		▲▲
	Core drilling in metal		▲▲
	Twist drilling		▲▲
Features	Reversible		●
	Speed-controlled tacho electronics		●
	Torque slip clutch		●
	Electronic start		●
	Speed preselection		●
Technical specifications	Power consumption	W	1,200
	Power output	W	680
	Pilot hole drilling	rpm	0 - 1,600
	Load speed: 1st gear	rpm	0 - 520
	Load speed: 2nd gear	rpm	0 - 1,600
	Weight according to EPTA	lbs	7.50
	Full load torque	in/lbs [Nm]	443 [50]
	No load torque	in/lbs [Nm]	443 [50] **
	Hole dia. steel / stainless steel twist bit	in [mm]	5/8 [16]
	Hole-dia. steel cutter	in [mm]	1 [25]
	Hole dia. stainless steel cutter	in [mm]	1 [25]
	Hole-dia. aluminum cutter	in [mm]	1-1/4 [30]
	Cutter, max. drilling depth	in [mm]	3/4 [20]
	Hole-dia. steel hole saws	in [mm]	3-1/4 [80]
	Hole saws max. drilling depth	in [mm]	1/4 [4]
	Tapping		M 12
	Cutter holder		QuickIN PLUS
	Minimum clearance	in [mm]	1-1/16 [27]
	Cable with plug	ft [m]	13 [4]

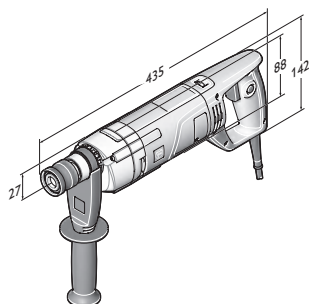
▲▲ very well-suited

▲ suitable

● included

*No manual switching possible.

** Torque slip clutch.



KBH 25-2 U

MOBILE CORE DRILL



Fast problem-solver:

In the first work step, the pilot drill pre-drills at 1,600 rpm and then disconnects. The speed is then reduced to 520 rpm automatically. This allows you to work with the optimal cutting speed for carbide annular cutters.



Work flexibly:

The FEIN KBH drills reliably on all common metals and surfaces. The speed can be adapted for the specific job.

KBH 25-2 U

Hand-held 2-speed metal core drilling system for annular cutters and twist bit drilling.



For accessories, see page 106

Price includes

1 pilot bit, 1 quick-action chuck 1/8 - 5/8 in dia., 1 handle, 1 cutting spray, 1 tool case

Power consumption	W	1,200
Power output	W	680
Pilot hole drilling	rpm	0 - 1,600
Load speed: 1st gear	rpm	0 - 520
Load speed: 2nd gear	rpm	0 - 1,600
Full load torque	in/lbs [Nm]	443 [50]
No load torque	in/lbs [Nm]	443 [50] **
Hole-dia. steel cutter	in [mm]	1 [25]
Hole dia. stainless steel cutter	in [mm]	1 [25]
Hole-dia. aluminum cutter	in [mm]	1-1/4 [30]
Cutter max. drilling depth	in [mm]	3/4 [20]
Hole-dia. steel hole saws	in [mm]	3-1/4 [80]
Hole saws max. drilling depth	in [mm]	1/4 [4]
Tapping		M 12
Cutter holder		QuickIN PLUS
Minimum clearance	in [mm]	1-1/16 [27]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	7.50 [3.40]

Part Number	7 271 03 61 09 0
EAN	4014586876382

BENEFITS OF APPLICATION

- Work up to 6 times faster due to innovative drilling technology: Pilot hole drilled to a depth of 3/16 in [5 mm] at 1,600 rpm, followed by disengagement of the pilot bit and automatic speed change to 520 rpm for optimal cutting speed for carbide core bits. The carbide core bit finishes drilling the desired hole diameter with minimum effort and specially developed annular cutter cutting geometry.
- Mechanical 2-speed gearbox with speeds from 0-1,600 rpm for efficient twist drilling and forward / reverse rotation for thread tapping up to 1/2 in [M12].
- Very safe operation due to the torque slip clutch. Protects the user when overloaded by separation of the driver and driven sides.

PRODUCT FEATURES

- Reversible.
- FEIN high-performance motor with excellent speed stability.
- Electronic start.
- Variable electronic speed control.
- Speed-controlled tachometer electronics.
- Torsion-free, barrel-type motor housing.
- Carbide core bits with optimized service life.
- Self-start lock.
- Wide range of accessories.
- ** Torque slip clutch.

CARBIDE ANNULAR CUTTERS

**Carbide annular cutter with QuickIN-PLUS mount**

Maximum service life, thanks to carbide tipping. Outstanding cutting performance in all common metals.
Metric dimensions, drilling depth 3/4 [20] in [mm], hole dia. up to 1 [25] in [mm] in steel, up to 1-3/16 [30] in [mm] in aluminum.

Bore dia. in [mm]	Part Number
9/16 [14.29]	6 31 30 200 01 0
5/8 [15.88]	6 31 30 201 01 0
11/16 [17.46]	6 31 30 202 01 0
3/4 [19.05]	6 31 30 203 01 0
13/16 [20.64]	6 31 30 204 01 0
7/8 [22.23]	6 31 30 205 01 0
15/16 [23.81]	6 31 30 206 01 0
1/1 [25.40]	6 31 30 207 01 0
1-1/16 [26.99]	6 31 30 208 01 0
1-1/8 [28.58]	6 31 30 209 01 0
1-3/16 [30.16]	6 31 30 210 01 0

CARBIDE ANNULAR CUTTERS, TITANIUM ALUMINUM NITRIDE COATED

**Carbide annular cutter, titanium aluminum nitride coated, with QuickIN-PLUS mount**

Maximum service life, thanks to carbide tipping. Outstanding cutting performance in all common metals, 20 % faster work progress, reduced cutting and feed force due to titanium aluminum nitride coating.
Metric dimensions, drilling depth 3/4 [20] in [mm], hole dia. up to 1 [25] in [mm] in steel, up to 1-3/16 [30] in [mm] in aluminum.

Bore dia. in [mm]	Part Number
9/16 [14.29]	6 31 30 300 01 0
5/8 [15.88]	6 31 30 301 01 0
11/16 [17.46]	6 31 30 302 01 0
3/4 [19.05]	6 31 30 303 01 0
13/16 [20.64]	6 31 30 304 01 0
7/8 [22.23]	6 31 30 305 01 0
15/16 [23.81]	6 31 30 306 01 0
1/1 [25.40]	6 31 30 307 01 0
1-1/16 [26.99]	6 31 30 308 01 0
1-1/8 [28.58]	6 31 30 309 01 0
1-3/16 [30.16]	6 31 30 310 01 0

CARBIDE HOLE SAWS

**Carbide hole saws with QuickIN-PLUS mount**

Carbide-tipped with optimum service life for efficient drilling work in sheet metal up to 5/32 [4] in [mm] thickness. Metric dimensions, drilling depth 5/32 [4] in [mm].

Bore dia. in [mm]	Part Number
9/16 [14.29]	6 31 31 200 01 0
5/8 [15.88]	6 31 31 201 01 0
11/16 [17.46]	6 31 31 202 01 0
3/4 [19.05]	6 31 31 203 01 0
13/16 [20.64]	6 31 31 204 01 0
7/8 [22.23]	6 31 31 205 01 0
15/16 [23.81]	6 31 31 206 01 0
1/1 [25.40]	6 31 31 207 01 0
1-1/16 [26.99]	6 31 31 208 01 0
1-1/8 [28.58]	6 31 31 209 01 0
1-3/16 [30.16]	6 31 31 210 01 0
1-1/4 [31.75]	6 31 31 211 01 0
1-5/16 [33.34]	6 31 31 212 01 0
1-3/8 [34.93]	6 31 31 213 01 0
1-7/16 [36.51]	6 31 31 214 01 0
1-1/2 [38.1]	6 31 31 215 01 0
1-9/16 [39.19]	6 31 31 216 01 0
1-5/8 [41.28]	6 31 31 217 01 0
1-11/16 [42.86]	6 31 31 218 01 0
1-3/4 [44.45]	6 31 31 219 01 0
1-13/16 [46.04]	6 31 31 220 01 0
1-7/8 [47.63]	6 31 31 221 01 0
1-15/16 [49.21]	6 31 31 222 01 0
2 [50.80]	6 31 31 223 01 0
2-1/16 [52.39]	6 31 31 224 01 0
2-1/8 [53.98]	6 31 31 225 01 0

CARBIDE HOLE SAWS FOR PIPES

**Carbide hole saw with QuickIN-PLUS mount for pipes**

Carbide teeth with optimum service life for use on pipe materials and curved surfaces with wall thickness up to 5/32 [4] in [mm]. Metric dimensions, drilling depth 5/32 [4] in [mm].

Bore dia. in [mm]	Part Number
7/8 [22.23]	6 31 31 605 01 0
15/16 [23.81]	6 31 31 606 01 0
1/1 [25.40]	6 31 31 607 01 0
1-1/16 [26.99]	6 31 31 608 01 0
1-1/8 [28.58]	6 31 31 609 01 0
1-3/16 [30.16]	6 31 31 610 01 0
1-1/4 [31.75]	6 31 31 611 01 0
1-5/16 [33.34]	6 31 31 612 01 0
1-3/8 [34.93]	6 31 31 613 01 0
1-7/16 [36.51]	6 31 31 614 01 0
1-1/2 [38.10]	6 31 31 615 01 0
1-9/16 [39.19]	6 31 31 616 01 0
1-5/8 [41.28]	6 31 31 617 01 0

Bore dia. in [mm]	Part Number
1-11/16 [42.86]	6 31 31 618 01 0
1-3/4 [44.45]	6 31 31 619 01 0
1-13/16 [46.04]	6 31 31 620 01 0
1-7/8 [47.63]	6 31 31 621 01 0
1-15/16 [49.21]	6 31 31 622 01 0
2 [50.80]	6 31 31 623 01 0
2-1/16 [52.39]	6 31 31 624 01 0
2-1/8 [53.98]	6 31 31 625 01 0

PILOT BITS



Pilot bits

Qty pcs	Part Number
1	6 31 14 038 01 0
5	6 31 14 038 02 0

ADDITIONAL ACCESSORIES

**chip guard**

Prevents contact with hot and sharp-edged chips.

Part Number
3 21 74 013 01 0

**Cutting spray**

300 ml (10 oz) pump spray, for long tool service life, optimum cutting and chipping performance and improved chip flow.

Part Number
3 21 32 031 00 0

**Cutting paste**

Lubricant for working on sheet metal.

Part Number
3 21 32 020 12 9

**Extension**

For use on narrow, deep, or stepped surfaces. QuickIN-PLUS mount, 4 in (100 mm) length, includes adapter for pilot bits.

Part Number

6 31 06 017 01 0

**Adapter QuickIN Plus to B16**

Part Number

6 39 01 047 00 0

**QuickIN Plus adapter with
1/2 in - 20 UNF**

Part Number

6 39 01 054 00 0

**3-jaw drill chuck**

Drill chuck holder B 16

Capacity in [mm]	Weight lbs	Part Number
1/16 [1.5] - 1/2 [13]	0.41	6 32 02 030 01 5

**Quick-action keyless chuck**

Drill chuck holder B 16

R-shaped tip with clamping-force safety device

Capacity in [mm]	Weight lbs	Part Number
3/64 [1] - 1/2 [13]	0.56	6 32 04 032 00 6

**Quick-action keyless chuck**

Metal SUPRA SKE quick-action keyless chuck with clamping force safety device, threaded for 1/2 in - 20 UNF shaft

Capacity in [mm]	Weight lbs	Part Number
1/8 [3] - 5/8 [16]	0.56	6 32 05 038 01 0

**Quick-action keyless chuck**

Single-sleeve metal rapid-clamping chuck SUPRA SKE with chucking power safeguard, QuickIN Plus mount

Part Number

6 39 01 054 01 0

ENDURANCE



JHM SHORTSLUGGER

Extremely compact for drilling on the construction site.

JHM USA 101

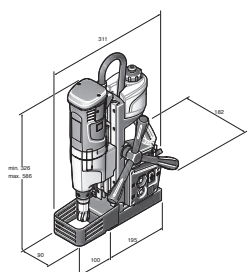
For dimensionally-accurate drilling on the construction site.

JME HOLEMAKER III

The optimal drilling solution with high powered German motor designed for use with Carbide and HSS cutters for toughest jobs and applications.

	Page	110	111	111
Application	Mag base drilling metal up to 1-3/8 in dia.	▲▲	▲▲	▲▲
	Mag base drilling metal up to 2 in dia.			
	Mag base drilling metal up to 2-9/16 in dia.			
	Twist drills with drill chuck		▲	▲▲
	Working one-handed	▲▲	▲▲	▲▲
	Performing overhead work	▲▲	▲▲	▲▲
	Installation work	▲▲	▲▲	▲▲
	Workshop jobs	▲▲	▲▲	▲▲
Technical specifications	Power consumption	W	750	1,050
	Power output	W	430	530
	Full load speed	rpm	430	330
	Load speed: 1st gear	rpm		
	Load speed: 2nd gear	rpm		
	No load speed	rpm	680	480
	No-load speed: 1st gear	rpm		
	No-load speed: 2nd gear	rpm		
	Carbide cutter max. dia.	in [mm]		1-3/8 [35]
	HSS cutter max. dia.	in [mm]	1-1/8 [30]	1-1/2 [38]
	Cutter, max. drilling depth	in [mm]	2 [50]	2 [50]
	Twist drill max. dia.	in [mm]		5/8 [16]
	Cutter holder		3/4 in straight shank	3/4 in straight shank
	Stroke	in [mm]	2-9/16 [65]	2-9/16 [65]
	Magnetic holding force	lbs [N]	1798 [8,000]	2023 [9,000]
	Magnetic base dimensions	in [mm]	7 [178] x 3 [76]	6 [152] x 4 [102]
	Cable with plug	ft [m]	10 [3]	12 [3.8]
	Weight according to EPTA	lbs [kg]	22.05 [10.00]	31.75 [14.40]
				25.79 [11.70]

▲▲ very well-suited ▲ suitable * optional using accessory.





JME USA 202 M	JHM 4 X 4
Lightweight and powerful 2-speed Endurance magnetic base drill with MK3 tool mounting and basic functionality for core drilling and twist drilling in the workshop and at the construction site.	With four-speed, 4 in diameter capacity with MT 3.
112	112
▲▲	▲▲
▲▲	▲▲
	▲▲
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▲	
▲▲	▲
▲▲	▲▲
1,280	1,400
616	
260 / 520	
	100
	150
350 / 680	
	150
	220
2 [50]	
2 [50]	3-7/8 [100]
2 [50] (3 [75] *)	3 [75]
7/8 [23]	1 [25]
3/4 in straight shank	3/4 in straight shank
5-5/16 [135]	8-7/16 [215]
2810 [12,500]	4833 [21,500]
7-11/16 [195] × 3-9/16 [90]	7 [178] × 4 [102]
9.8 [3]	12 [3.8]
30.86 [14.00]	72.75 [33.00]

ENDURANCE MAGNETIC BASE DRILL



Designed for mag base drilling:

Do you need a tool exclusively for mag base drilling? Then the FEIN JME models are the right choice. They are not only reliable, but also economical.

Excellent price/performance ratio:

By choosing FEIN you do not make any compromises in terms of service life or cutting speed.

JHM SHORTSLUGGER

Extremely compact for drilling on the construction site.



For accessories, see page 115

Price includes

1 case, 1 coolant tank, 1 safety strap,
1 chip hook, 4 pilot pins, 1 allen key
3/16 [5] in [mm], 1 chip guard

Power consumption	W	750
Power output	W	430
Full load speed	rpm	430
No load speed	rpm	680
HSS cutter max. dia.	in [mm]	1-1/8 [30]
Cutter, max. drilling depth	in [mm]	2 [50]
Cutter holder		3/4 in straight shank
Stroke	in [mm]	2-9/16 [65]
Magnetic holding force	lbs [N]	1798 [8,000]
Magnetic base dimensions	in [mm]	7 [178] x 3 [76]
Cable with plug	ft [m]	10 [3]
Weight according to EPTA	lbs [kg]	22.05 [10.00]

Part Number	7 272 51 61 12 4
EAN	4014586620268

BENEFITS OF APPLICATION

- ▶ Extremely compact with ideal power to weight ratio for work at heights and in confined spaces.
- ▶ Hand feed wheel mounts on either side for use in special situations.
- ▶ Internal motor cable routing prevents unintended threading or hanging up on the workpiece.

PRODUCT FEATURES

- ▶ Internal cooling.
- ▶ Easy guide readjustment.
- ▶ Smart magnet circuitry will not allow motor to start without sufficient magnetic force.

JHM USA 101



For accessories, see page 115

Price includes

1 case, 1 coolant tank, 1 safety strap,
1 chip hook, 4 pilot pins, 1 allen key
3/16 [5] in [mm], 1 chip guard, 1 carrying
handle

For dimensionally-accurate drilling on the construction site.

Power consumption	W	1,050
Power output	W	530
Full load speed	rpm	330
No load speed	rpm	480
HSS cutter max. dia.	in [mm]	1-1/2 [38]
Cutter, max. drilling depth	in [mm]	2 [50]
Cutter holder		3/4 in straight shank
Stroke	in [mm]	2-9/16 [65]
Magnetic holding force	lbs [N]	2023 [9,000]
Magnetic base dimensions	in [mm]	6 [152] x 4 [102]
Cable with plug	ft [m]	12 [3.8]
Weight according to EPTA	lbs [kg]	31.75 [14.40]

Part Number	7 272 52 61 12 4
EAN	4014586700618

BENEFITS OF APPLICATION

- Uniform-torque motor for demanding core drilling.
- High concentricity and positive slug ejection due to special bore spindle guides.
- Solid, massive construction in die-cast aluminum for work under difficult conditions.

PRODUCT FEATURES

- Integrated coolant tank.
- Internal motor cable routing.
- Accessory handle for easy carrying of tool.
- Hand feed wheel can be mounted on either side.
- Smart magnet circuitry will not allow motor to start without sufficient magnetic force.

JME HOLEMAKER III



For accessories, see page 115

Price includes

1 coolant tank, 1 safety strap, 2 pilot pins,
1 chip guard, 2 hexagonal socket keys,
3/16 [5] and 1/4 [6] in [mm], 1 hexagonal
socket keys with T-grip, 1/4 [5] in [mm],
1 case

The optimal drilling solution with high powered German motor designed for use with Carbide and HSS cutters for toughest jobs and applications.

Power consumption	W	1,100
Power output	W	510
Full load speed	rpm	450
No load speed	rpm	590
Carbide cutter max. dia.	in [mm]	1-3/8 [35]
HSS cutter max. dia.	in [mm]	1-3/8 [35]
Cutter, max. drilling depth	in [mm]	2 [50]
Twist drill max. dia.	in [mm]	5/8 [16]
Cutter holder		3/4 in straight shank
Stroke	in [mm]	5-11/16 [145]
Total stroke range	in [mm]	10-1/4 [260]
Magnetic holding force	lbs [N]	2810 [12,500]
Magnetic base dimensions	in [mm]	7-11/16 [195] x 3-9/16 [90]
Cable with plug	ft [m]	9 [2.7]
Weight according to EPTA	lbs [kg]	25.79 [11.70]

Part Number	7 270 59 61 09 0
EAN	4014586634555

BENEFITS OF APPLICATION

- Extremely wear resistant concept with durable newly designed polyurthane motorhousing for use in industry and manual trades.
- Extremely lightweight drill yet powerful enough for heaviest drilling applications.
- Cost effective drill for running with Carbide cutters which offer longer life, higher cutting rate and capable of cutting harder materials. Also running with standard HSS cutters with great results.

PRODUCT FEATURES

- Optimum power-to-weight ratio.
- Integrated coolant tank.
- Drill motor does not start for material thicknesses less than 3/16 [4] in [mm] if the magnetic holding force is too low.
- Pivoting motor cable.
- Higher RPM for optimal use with carbide cutters.
- Hand feed wheel can be mounted either side.
- Integrated hexagon socket holder.

JME USA 202 M



For accessories, see page 115

Price includes

1 coolant tank, 1 safety strap, 1 chip hook, 1 centering pin dia. 1/4 x 4 [6.35 x 100] in[mm], 1 centering pin dia. 1/4 x 3-1/4 [6.35 x 82] in[mm], 1 centering pin dia. 3/16 x 3-1/8 [4.75 x 80] in[mm], 1 chip guard, 2 hexagonal socket keys, 5 and 6 mm, 1 hexagonal socket keys with T-grip, 5 mm, 1 drift, 1 case

Lightweight and powerful 2-speed Endurance magnetic base drill with MK3 tool mounting and basic functionality for core drilling and twist drilling in the workshop and at the construction site.

Power consumption	W	1,280
Power output	W	616
Full load speed	rpm	260 / 520
No load speed	rpm	350 / 680
Tool mount		MT 3
Carbide cutter max. dia.	in [mm]	2 [50]
HSS cutter max. dia.	in [mm]	2 [50]
Cutter max. drilling depth	in [mm]	2 [50] (3 [75] *)
Twist drill max. dia.	in [mm]	7/8 [23]
Cutter holder		3/4 in straight shank
Stroke	in [mm]	5-5/16 [135]
Total stroke range	in [mm]	10-1/4 [260]
Magnetic holding force	lbs[N]	2810 [12,500]
Magnetic base dimensions	in [mm]	7-11/16 [195] x 3-9/16 [90]
Cable with plug	ft[m]	9.8 [3]
Weight according to EPTA	lbs[kg]	30.86 [14.00]

Part Number	7 270 69 61 09 0
EAN	4014586890432

BENEFITS OF APPLICATION

- For tough use, thanks to top-quality workmanship and pivoting motor cable protection sleeve.
- Slugger by FEIN high-performance motor with high torque for use with carbide and HSS core drills and extra-large stroke range for twist drilling.
- Uncompromising service life and work progress for an excellent price/performance ratio.

PRODUCT FEATURES

- Mechanical 2-speed gearbox.
- Higher RPM for optimal use with carbide cutters.
- MT3 tool mounting.
- High magnetic holding force.
- Drill motor does not start for material thicknesses less than 3/16 [4] in[mm] if the magnetic holding force is too low.
- Optimum power-to-weight ratio.
- Integrated coolant tank.
- Hand feed wheel can be mounted either side.
- Integrated hexagon socket holder.
- * optional using accessory.

JHM 4 X 4



For accessories, see page 115

Price includes

4 pilot pins, 1 case, 1 carrying handle, 1 safety strap, 1 touch guard, 1 coolant tank, 1 allen key 3/16 [5] in [mm]

With four-speed, 4 in diameter capacity with MT 3.

Power consumption	W	1,400
Load speed: 1st gear	rpm	100
Load speed: 2nd gear	rpm	150
Load speed: 3rd gear	rpm	200
Load speed: 4th gear	rpm	310
No-load speed: 1st gear	rpm	150
No-load speed: 2nd gear	rpm	220
No-load speed: 3rd gear	rpm	290
No-load speed: 4th gear	rpm	450
HSS cutter max. dia.	in [mm]	3-7/8 [100]
Cutter, max. drilling depth	in [mm]	3 [75]
Twist drill max. dia.	in [mm]	1 [25]
Cutter holder		3/4 in straight shank
Stroke	in [mm]	8-7/16 [215]
Magnetic holding force	lbs [N]	4833 [21,500]
Magnetic base dimensions	in [mm]	7 [178] x 4 [102]
Cable with plug	ft [m]	12 [3.8]
Weight according to EPTA	lbs [kg]	72.75 [33.00]

Part Number	3 13 42 621 20 6
EAN	4014586700045

BENEFITS OF APPLICATION

- Smart magnet circuitry will not allow motor to start without sufficient magnetic force.
- MT 3 interface.
- 4-speed gear box powering through small and large holes.

PRODUCT FEATURES

- Gravity-fed, external coolant.
- Easy to use control panel.
- Chip guard.
- concealed motor wiring.
- Dovetail feed guides.
- Thru spindle coolant.

COMPACT

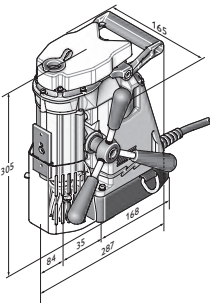


JHM MAGFORCE

Compact with fixed drill motor for work in confined spaces.

Page		114
Application	Mag base drilling metal up to 1-3/8 in dia.	▲▲
	Mag base drilling metal up to 1-9/16 in dia.	▲▲
	Working one-handed	▲▲
	Performing overhead work	▲▲
	Installation work	▲▲
	Workshop jobs	▲▲
Technical specifications	Power consumption	W1,100
	Power output	W610
	Full load speed	rpm280
	No load speed	rpm450
	HSS cutter max. dia.	in [mm]1-5/8 [40]
	Cutter, max. drilling depth	in [mm]2 [50]
	Cutter holder	3/4 in straight shank
	Stroke	in [mm]2-9/16 [65]
	Magnetic holding force	lbs [N]2023 [9,000]
	Magnetic base dimensions	in [mm]6 [152] × 4 [102]
Cable with plug		ft [m]12 [3.8]
Weight according to EPTA		lbs [kg]28.88 [13.10]

▲▲ very well-suited



JHM Magforce

JHM MAGFORCE



For accessories, see page 115

Price includes

1 case, 1 coolant tank, 1 safety strap,
1 chip hook, 4 pilot pins, 1 allen key 5 mm,
1 touch guard

Compact with fixed drill motor for work in confined spaces.

Power consumption	W	1,100
Power output	W	610
Full load speed	rpm	280
No load speed	rpm	450
HSS cutter max. dia.	in [mm]	1-5/8 [40]
Cutter, max. drilling depth	in [mm]	2 [50]
Cutter holder		3/4 in straight shank
Stroke	in [mm]	2-9/16 [65]
Magnetic holding force	lbs [N]	2023 [9,000]
Magnetic base dimensions	in [mm]	6 [152] × 4 [102]
Cable with plug	ft [m]	12 [3.8]
Weight according to EPTA	lbs [kg]	28.88 [13.10]

Part Number	7 272 53 61 12 7
EAN	4014586700571

BENEFITS OF APPLICATION

- ▶ Extremely compact with ideal power to weight ratio for work at heights and in confined spaces.
- ▶ Hand feed wheel mounts on either side for use in special situations.
- ▶ Internal motor cable routing prevents unintended threading or hanging up on the workpiece.

PRODUCT FEATURES

- ▶ Internal cooling.
- ▶ Solid die-cast aluminum construction.
- ▶ Stationary drill motor.
- ▶ Quill feed spindle eliminates field maintenance and adjustments and provides positive (mechanical) slug ejection.



PILOT PIN



Pilot pin

Dia. in [mm]	L mm	Part Number
1/4 [6.35]	82	6 31 34 998 30 0
1/4 [6.35]	100	6 31 34 998 31 0
3/16 [4.75]	100	6 31 34 998 31 5

ADAPTERS/ CHUCKS



Adapter with 3/4 in straight shank
To tap holder 1/4 in NPT.

Dia. in [mm]	Square in [mm]	Part Number
7/16 [11]	11/32 [9]	6 32 06 150 01 0



Adapter with 3/4 in straight shank
To tap holder 3/8 in NPT.

Dia. in [mm]	Square in [mm]	Part Number
15/32 [12]	11/32 [9]	6 32 06 151 01 0



Adapter with 3/4 in straight shank
To tap holder 1/4 in UNC/UNF.

Dia. in [mm]	Square in [mm]	Part Number
1/4 [6.47]	3/16 [4.85]	6 32 06 152 01 0



Adapter with 3/4 in straight shank
To tap holder 3/8 in UNC/UNF.

Dia. in [mm]	Square in [mm]	Part Number
3/8 [9.67]	9/32 [7.26]	6 32 06 153 01 0



Adapter with 3/4 in straight shank
To 1/4 hex drive twist bits.

Part Number
6 32 06 154 01 0



HSS twist drill with 3/4 in straight shank
Maximum drilling depth
1-3/8 [35] in [mm]

Bore dia. in [mm]	Part Number
1/4 [6.35]	6 31 11 029 01 0
3/8 [9.53]	6 31 11 030 01 0
5/16 [7.94]	6 31 11 031 01 0
7/16 [11.11]	6 31 11 032 01 0
9/16 [14.29]	6 31 11 033 01 0



HSS twist drill kit with 3/4 in straight shank
Consisting of 6 HSS spiral drills
each 1 x Ø 1/4, 3/8, 7/16 and
9/16 in as well as 2 x Ø 5/16 in
in a practical plastic storage box.
Maximum drilling depth
1-3/8 [35] in [mm]

Part Number
6 31 11 029 02 0

TAPPING



HSS 90° countersink bit
With 1/4 in hexagonal in
accordance with DIN 3126 /
ISO 1173 – C 6.3

Ø in [mm]	Part Number
3/4 [16.5]	6 31 11 038 01 0



**HSS 90° countersink bit with
3/4 in adapter in Weldon
fitting**

Ø in [mm]	Part Number
3/4 [16.5]	6 31 11 038 02 0

CLAMPING DEVICES



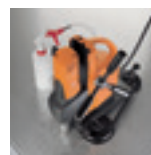
Vacuum plate
For non-magnetic materials and
textured surfaces, such as
checkered plate. This requires
the vacuum pump.
Vacuum plate 15-9/16 x 7-7/8 x
3-3/4 in [396 x 200 x 95 mm]

Part Number
9 26 02 057 01 7



Vacuum pump
Suction rate 0.53 [0.015] ft³/min.
[m³/min.], 11.6 [0.8] psi [bar],
92 W, weight 5.5 [2.5] lbs. [kg],
including suction hose.

Part Number
9 26 01 022 01 3



Suction plate
For non-magnetic materials,
9-3/16 x 13 x 4-5/16 in
[250 x 330 x 110 mm]

Part Number
9 26 02 054 01 6



Pipe-drilling device
Incl. clamping strap, for drilling
holes in pipe with Ø from 2-3/8
to 11-13/16 in [60 to 300 mm],
8-11/16 x 5-1/8 in
[220 x 130 mm]

Part Number
9 26 02 055 01 0

COOLING



Hand pump
Approximately 15 oz [450 ml]
capacity.

Part Number
3 21 32 022 00 7

Replacement hose
fits hand pump 3 21 32 022 00 7.

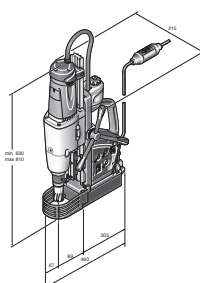
Part Number
3 14 14 054 00 8



JMU 137 POW

Small, long-stroke, 1-speed universal magnetic core drill with forward / reverse rotation, permanent magnet and maximum functionality for safe and versatile work on the construction site.

▲▲ very well-suited ▲ suitable ● included



KBU 110-4 M

**JCM 200 U**

Universal with 2-speed gearbox and outstanding functionality for flexible operation in the workshop and on the construction site.

JCM 256 U

High-performance with 2-speed gearbox and outstanding functionality for universal and efficient use in the workshop.

JMU 404 M

High-performance, long-stroke, 4-speed universal magnetic core drill with forward / reverse running, MK4 tool mounting and maximum functionality for heavy drilling work in the workshop.

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	●	●	
	●	●	●
	●	●	●
	●	●	●
	●	●	
			●
			●
	1,200	1,300	1,700
	610	730	850
	130 - 260	120 - 240	60 / 120
	260 - 520	260 - 520	90 / 170
			150 / 300
			230 / 430
	MT 3	MT 3	MT 4
	2 [50]	2-1/2 [65]	4 [101]
	1-5/8 [40]	1-3/4 [45]	3 [75]
	3/4 in straight shank	3/4 in straight shank	Weldon 32
	5-11/16 [145]	5-11/16 [145]	11 [280]
	12-3/8 [315]	12-3/8 [315]	15-3/4 [400]
		1/4 [6]	
		7°	
	2810 [12,500]	3147 [14,000]	5171 [23,000]
	7-11/16 [195] x 3-9/16 [90]	8-1/16 [205] x 3-3/4 [95]	9-7/16 [240] x 4-3/4 [120]
	30.64 [13.90]	35.49 [16.10]	85.98 [39.00]

UNIVERSAL MAGNETIC BASE DRILL



Universal in use:

One tool lets you cover all applications: mag base drilling, twist drilling, tapping as well as countersinking and reaming. This is possible thanks to a forward/reverse function, large stroke range and speed control.



For the longest annular cutters:

Using the double drill motor guide (variably adjustable without tools), you can use even the longest cutters.

AJMU 137 PMQW



For accessories, see page 122

Price includes

2 battery packs (HighPower Li-ions),
1 rapid charger ALG 80, 1 coolant pump,
1 safety strap, 1 chip hook, 1 pilot pin,
1 chip guard, 1 drift, 1 case

Small, long-stroke, 1-speed universal cordless magnetic base drill with forward / reverse rotation, MT2 tool mounting, permanent magnet and maximum functionality for mobile work on the construction site.

Battery voltage	V	18
Battery capacity	Ah	5.2
Battery compatibility		Li-ion / HighPower Li-ions**
Battery interface		18 V
Motor		brushless
Full load speed	rpm	130 - 520
Tool mount		MT 2
Carbide cutter max. dia.	in [mm]	1-3/8 [35]
HSS cutter max. dia.	in [mm]	1-3/8 [35]
Cutter, max. drilling depth	in [mm]	2 [50] (2-15/16 [75])*
Twist drill max. dia.	in [mm]	3/4 [18]
Tapping		M 14
Max. countersinking dia.	in [mm]	1-1/4 [31]
Reaming max. dia.	in [mm]	11/16 [18]
Cutter holder		3/4 in straight shank
Cutter change		tool-free
Stroke	in [mm]	5-5/16 [135]
Total stroke range	in [mm]	10-1/4 [260]
Magnetic holding force	lbs [N]	2023 [9,000]
Magnetic base dimensions	in [mm]	7-11/16 [195] x 2-3/4 [70]
Weight incl. battery	lbs [kg]	28.22 [12.80]
Weight without battery	lbs [kg]	26.68 [12.10]

Part Number	7 170 02 61 09 0
EAN	401458688835

BENEFITS OF APPLICATION

- ▶ Extremely wear-resistant tool concept with swivel-mounted motor cable protection hose for tough conditions in industry and skilled trades.
- ▶ Small and lightweight tool for persistently high long-term work progress thanks to brushless FEIN PowerDrive motor with tachometer electronics and FEIN HighPower battery with high-current-capable cells.
- ▶ Flexibility in all mobile drilling operations, such as mag base drilling, spiral drilling, tapping, sinking and reaming.

PRODUCT FEATURES

- ▶ FEIN HighPower Li-ion battery. Continuously high current output with 75 % higher amperage than Li-ion batteries for high cutting speed.
- ▶ Simple and error-proof control concept in the operator's field of view.
- ▶ Convenient magnetic holding force gauge.
- ▶ Motion sensor.
- ▶ Reversible.
- ▶ Electronic speed control.
- ▶ Extra long stroke.
- ▶ MT2 tool mounting.
- ▶ Extra narrow permanent magnet with magnetic bias.
- ▶ "Memory function" speed storage.
- ▶ The battery capacity can be read directly on the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- ▶ 3 year FEIN PLUS guarantee, including battery and charger.
- ▶ * optional using accessory.
- ▶ ** Highest performance with FEIN HighPower Li-ion battery.

JMU 137-2 QW



For accessories, see page 122

Price includes

1 coolant tank, 1 safety strap, 1 chip hook,
1 pilot pin, 1 chip guard, 1 case

Small, long-stroke, 2-speed universal magnetic base drill with forward / reverse rotation and high-speed for efficient twist drilling on the construction site.

Power consumption	W	1,100
Power output	W	550
Load speed: 1st gear	rpm	130 - 520
Load speed: 2nd gear	rpm	400 - 1,600
Carbide cutter max. dia.	in [mm]	1-3/8 [35]
HSS cutter max. dia.	in [mm]	1-3/8 [35]
Cutter, max. drilling depth	in [mm]	2 [50]
Twist drill max. dia.	in [mm]	5/8 [16]
Tapping		M 14
Max. countersinking dia.	in [mm]	1-1/4 [31]
Reaming max. dia.	in [mm]	5/8 [16]
Cutter holder		3/4 in straight shank
Cutter change		tool-free
Stroke	in [mm]	5-5/16 [135]
Total stroke range	in [mm]	10-1/4 [260]
Magnetic holding force	lbs [N]	2136 [9,500]
Magnetic base dimensions	in [mm]	7-5/16 [186] x 2-3/4 [70]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	24.25 [11.00]

Part Number	7 270 58 61 12 0
EAN	4014586886084

BENEFITS OF APPLICATION

- ▶ Extremely resilient design due to solid machine construction with pivoting motor cable protection sleeve. Designed for heavy use in trade and industry.
- ▶ Perfect power-to-weight ratio, thanks to compact, weight-optimized design and FEIN 1100 W high-performance motor with tachometer electronics for high speed stability for reliable and efficient operation.
- ▶ Universal use, such as mag base drilling, twist drilling, tapping, countersinking, and reaming is possible due to forward / reverse rotation, electronic speed setting and a 10-1/4 in [260 mm] stroke.

PRODUCT FEATURES

- ▶ Small, with mechanic 2-gearbox for twist drilling.
- ▶ Simple and error-proof control concept in the operator's field of view.
- ▶ Convenient magnetic holding force gauge.
- ▶ High magnetic holding force.
- ▶ Motion sensor.
- ▶ Additional magnet switch in the drill stand.
- ▶ Integrated coolant tank.
- ▶ Hand feed wheel can be mounted on either side.
- ▶ "Memory function" speed storage.

JMU 137 PQW



For accessories, see page 122

Price includes

1 coolant tank, 1 safety strap, 1 chip hook,
3 pilot pins, 1 chip guard, 1 case

Small, long-stroke, 1-speed universal magnetic core drill with forward / reverse rotation, permanent magnet and maximum functionality for safe and versatile work on the construction site.

Power consumption	W	1,010
Power output	W	550
Full load speed	rpm	130 - 520
Carbide cutter max. dia.	in [mm]	1-3/8 [35]
HSS cutter max. dia.	in [mm]	1-3/8 [35]
Cutter max. drilling depth	in [mm]	2 [50]
Twist drill max. dia.	in [mm]	5/8 [16]
Tapping		9/16 in [M 14]
Max. countersinking dia.	in [mm]	1-1/4 [31]
Reaming max. dia.	in [mm]	5/8 [16]
Cutter holder		3/4 in straight shank
Cutter change		tool-free
Stroke	in [mm]	5-5/16 [135]
Total stroke range	in [mm]	10-1/4 [260]
Magnetic holding force	lbs[N]	2023 [9,000]
Magnetic base dimensions	in [mm]	7-11/16 [195] x 2-3/4 [70]
Cable with plug	ft[m]	13.1 [4]
Weight according to EPTA	lbs[kg]	27.56 [12.50]

Part Number	7 270 73 61 09 0
EAN	4014586890579

BENEFITS OF APPLICATION

- ▶ Permanent magnet for extremely safe work at heights as well as a pivoting motor cable protection sleeve and high-quality workmanship for tough use.
- ▶ Lightweight, compact tool with powerful torque for sustained high work progress thanks to the FEIN high-performance motor with tachometer electronics.
- ▶ Machine with extra large stroke for all drilling work, such as mag base and twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- ▶ Extra narrow permanent magnet with magnetic bias.
- ▶ Motion sensor.
- ▶ Simple and error-proof control concept in the operator's field of view.
- ▶ Convenient magnetic holding force display.
- ▶ Reversible.
- ▶ Integrated coolant tank.
- ▶ „Memory function“ speed storage.
- ▶ Hand feed wheel can be mounted on either side.

JCM 200 U



For accessories, see page 122

Price includes

1 coolant tank, 1 safety strap, 1 chip hook,
1 pilot pin 4-1/8 in (105 mm), 1 chip guard,
1 drift, 1 case

Universal with 2-speed gearbox and outstanding functionality for flexible operation in the workshop and on the construction site.

Power consumption	W	1,200
Power output	W	610
Load speed: 1st gear	rpm	130 - 260
Load speed: 2nd gear	rpm	260 - 520
Tool mount		MT 3
Carbide cutter max. dia.	in [mm]	2 [50]
HSS cutter max. dia.	in [mm]	1-5/8 [40]
Cutter, max. drilling depth	in [mm]	2 [50]
Twist drill max. dia.	in [mm]	7/8 [23]
Tapping		M 16
Max. countersinking dia.	in [mm]	2 [50]
Reaming max. dia.	in [mm]	7/8 [23]
Cutter holder		3/4 in straight shank
Cutter change		tool-free
Stroke	in [mm]	5-11/16 [145]
Total stroke range	in [mm]	12-3/8 [315]
Magnetic holding force	lbs [N]	2810 [12,500]
Magnetic base dimensions	in [mm]	7-11/16 [195] x 3-9/16 [90]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	30.64 [13.90]

Part Number	7 270 44 61 12 0
EAN	4014586873060

BENEFITS OF APPLICATION

- Compact with high functionality for universal use on the construction site and in the workshop.
- Simple and error-proof control concept in the operator's field of view.
- Double drill motor guides enable use of the longest annular cutters.

PRODUCT FEATURES

- Reversible
- Electronic speed control.
- Slugger high-power motor with stable speed.
- High magnetic holding force.
- Convenient magnetic holding force gauge.
- Integrated coolant tank.
- Hand feed wheel can be mounted on either side.
- MT3 interface.

JCM 256 U



For accessories, see page 122

Price includes

1 coolant tank, 1 safety strap, 1 chip hook,
1 pilot pin 4-1/8 in (105 mm), 1 chip guard,
1 drift, 1 case

High-performance with 2-speed gearbox and outstanding functionality for universal and efficient use in the workshop.

Power consumption	W	1,300
Power output	W	730
Load speed: 1st gear	rpm	120 - 240
Load speed: 2nd gear	rpm	260 - 520
Tool mount		MT 3
Carbide cutter max. dia.	in [mm]	2-1/2 [65]
HSS cutter max. dia.	in [mm]	1-3/4 [45]
Cutter, max. drilling depth	in [mm]	2 [50]
Twist drill max. dia.	in [mm]	1 [25]
Tapping		M 20
Max. countersinking dia.	in [mm]	2 [50]
Reaming max. dia.	in [mm]	1 [25]
Cutter holder		3/4 in straight shank
Cutter change		tool-free
Stroke	in [mm]	5-11/16 [145]
Total stroke range	in [mm]	12-3/8 [315]
Drill stand adjustment range	in [mm]	1/4 [6]
Drill stand angular adjustment		7°
Magnetic holding force	lbs [N]	3147 [14,000]
Magnetic base dimensions	in [mm]	8-1/16 [205] x 3-3/4 [95]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	35.49 [16.10]

Part Number	7 270 47 61 12 0
EAN	4014586872988

BENEFITS OF APPLICATION

- Stable speed, even in the toughest applications.
- Fine drill spindle adjustment for convenient machine alignment.
- Double drill motor guides enable use of the longest annular cutters.

PRODUCT FEATURES

- Reversible
- Electronic speed control.
- MT3 interface.
- High magnetic holding force.
- Convenient magnetic holding force gauge.
- Integrated coolant tank.

JMU 404 M



For accessories, see page 122

Price includes

1 Weldon 32 mounting shaft, 1 adapter with 1-1/4 in Weldon shank and 3/4 in straight shank drive, 1 coolant tank, 1 safety strap with ratchet, 1 chip hook, 2 pilot pins 6.35 mm dia. x 125 mm and 7.98 mm dia. x 184 mm, 1 chip guard, 1 drift, 2 hexagonal socket keys, 5 and 6 mm, 1 handle, 1 case

High-performance, long-stroke, 4-speed universal magnetic base drill with forward / reverse running, MT4 tool mounting and maximum functionality for heavy drilling work in the workshop.

Power consumption	W	1,700
Power output	W	850
Load speed: 1st gear	rpm	60 / 120
Load speed: 2nd gear	rpm	90 / 170
Load speed: 3rd gear	rpm	150 / 300
Load speed: 4th gear	rpm	230 / 430
No-load speed: 1st gear	rpm	100 / 190
No-load speed: 2nd gear	rpm	160 / 290
No-load speed: 3rd gear	rpm	270 / 500
No-load speed: 4th gear	rpm	420 / 750
Tool mount		MT 4
Carbide cutter max. dia.	in [mm]	4 [101]
HSS cutter max. dia.	in [mm]	3 [75]
Cutter, max. drilling depth	in [mm]	3-7/8 [100]
Twist drill max. dia.	in [mm]	1-3/8 [35]
Tapping		M 36
Max. countersinking dia.	in [mm]	2-3/8 [60]
Reaming max. dia.	in [mm]	1-3/8 [36]
Cutter holder		Weldon 32
Stroke	in [mm]	11 [280]
Total stroke range	in [mm]	15-3/4 [400]
Magnetic holding force	lbs [N]	5171 [23,000]
Magnetic base dimensions	in [mm]	9-7/16 [240] x 4-3/4 [120]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	85.98 [39.00]

Part Number	7 270 60 61 09 0
EAN	4014586889801

BENEFITS OF APPLICATION

- FEIN 1,700 W high-performance motor with high torque for heavy drilling work.
- For tough use, thanks to top-quality workmanship and pivoting motor cable protection sleeve.
- Machine with extra large stroke for all drilling work, such as mag base and twist drilling, tapping, countersinking and reaming.

PRODUCT FEATURES

- Mechanical 4-speed gearbox.
- High magnetic holding force.
- Torque arm for increased magnetic holding power.
- Motion sensor.
- Torque slip clutch.
- Convenient magnetic holding force gauge.
- Electronic speed setting.
- Reversible.
- MT4 tool mounting.
- Integrated coolant tank.

PILOT PIN



Pilot pin

Dia. in [mm]	L in [mm]	Part Number
1/4 [6.35]	3-1/4 [82]	6 31 34 998 30 0
3/16 [4.75]	3-1/8 [80]	6 31 34 998 30 5
1/4 [6.35]	3-15/16 [100]	6 31 34 998 31 0
3/16 [4.75]	3-15/16 [100]	6 31 34 998 31 5
1/4 [6.35]	3-9/16 [90]	6 31 34 998 32 0
1/4 [6.35]	4-15/16 [125]	6 31 34 998 33 0
1/4 [6.35]	5-5/16 [135]	6 31 34 998 33 5
1/4 [6.35]	5-7/8 [150]	6 31 34 998 34 0
1/4 [6.35]	6-7/8 [175]	6 31 34 998 35 0

Pilot pin
2-piece.

Dia. in [mm]	L in [mm]	Part Number
1/4 [6.35]	7-7/8 [200]	6 31 34 998 36 0

ADAPTERS/ CHUCKS



Adapter with QuickIN
M 18 x 6 P 1.5 drive

Part Number
6 39 01 020 00 6



Adapter with QuickIN
3/4 in Weldon special drive. For competitors' annular cutters with a pilot hole larger than 1/4 in.

Part Number
6 39 01 021 01 4



Adapter with QuickIN
For 3/4 in Weldon drive e.g. Slugger-Jancy and Nitto bits with 1/4 in pilot hole.

Part Number
6 39 01 024 01 9



Adapter with QuickIN
1/2 in drive

Part Number
6 39 01 022 00 8



Adapter with QuickIN
B 16 drive

Part Number
6 39 01 023 00 2



Adapter with 3/4 in straight shank
For converting competitors' products to the QuickIN system.

Part Number
6 39 01 027 01 0



Adapter with 3/4 in straight shank
B 16 drive

Part Number
6 39 01 061 00 0



Adapter with 3/4 in straight shank
1/2 in drive

Part Number
6 39 01 070 00 0



Adapter with QuickIN MAX
QuickIN drive

Part Number
6 39 01 045 01 0



Extension
For use on confined, deep, or layered surfaces, through-holes of dia. 1-7/16 in and larger are possible. QuickIN fitting, length 4 in, including centering pin.

Part Number
6 31 06 016 01 0



3-jaw chuck with QuickIN shank

Capacity in [mm]	Part Number
1/16 [1.5] - 1/2 [13]	6 39 01 023 02 0
3/64 [1] - 5/8 [16]	6 39 01 023 01 1



Keyed chuck with 3/4 in straight shank fitting

Capacity in [mm]	Part Number
1/64 [1.5] - 1/2 [13]	6 39 01 061 02 0



3-jaw drill chuck
Drill chuck holder B 22

Capacity in [mm]	Outer dia. in [mm]	Weight lbs	Part Number
3/16 [5] - 13/16 [20]	3 [75]	1.55	6 32 02 022 01 8



Reducing arbor
Especially for countersinking

Drill chuck holder	Part Number
MT 4/MT 3	6 33 02 004 00 2



HSS twist drill with 3/4 in straight shank
Maximum drilling depth
1-3/8 [35] in [mm]

Bore dia. in [mm]	Part Number
1/4 [6.35]	6 31 11 029 01 0
3/8 [9.53]	6 31 11 030 01 0
5/16 [7.94]	6 31 11 031 01 0
7/16 [11.11]	6 31 11 032 01 0
9/16 [14.29]	6 31 11 033 01 0

HSS twist drill with 3/4 in straight shank
Maximum drilling depth
2 [50] in [mm]

Bore dia. in [mm]	Part Number
1/4 [6.35]	6 42 98 050 02 0
3/8 [9.53]	6 42 98 050 03 0
5/16 [7.94]	6 42 98 050 04 0
7/16 [11.11]	6 42 98 050 05 0

MOUNTING SHAFTS



QuickIN adapter shafts with threaded collar
With internal coolant feed.
Tool-free core bit change.

Cutting depth in [mm]	Taper	Bore dia. in [mm]	Part Number
2 [50]	MT 2	1/2 [12] - 1-1/2 [35]	6 39 01 065 02 0
3 [75]	MT 2	1/2 [12] - 1-1/2 [35]	6 39 01 066 02 0
2 [50]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 048 02 0
3 [75]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 049 02 0



3/4 in Weldon adapter shaft with threaded collar
With internal coolant feed.
Tool-free core bit change.

Cutting depth in [mm]	Taper	Bore dia. in [mm]	Part Number
2 [50]	MT 2	1/2 [12] - 1-1/2 [35]	6 39 01 063 02 0
3 [75]	MT 2	1/2 [12] - 1-1/2 [35]	6 39 01 064 02 0
2 [50]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 050 02 0
3 [75]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 051 02 0



3/4 in Weldon adapter shaft with threaded collar
With internal coolant feed.

Cutting depth in [mm]	Taper	Bore dia. in [mm]	Part Number
2 [50]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 074 02 0
3 [75]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 073 02 0



Weldon 32 mounting shaft with threaded collar
For all Weldon 32 cutters.

Cutting depth in [mm]	Taper	Bore dia. in [mm]	Part Number
2 [50]	MT 4	2 [50] - 4 [100]	6 39 01 072 02 0



QuickIN adapter shafts
For using FEIN mag based drills on bench and column drilling machines and all other mag based drilling units with MT fitting. Includes hand pump and pilot pin for external cooling lubricant supply.
Tool-free core bit change.

Cutting depth in [mm]	Taper	Bore dia. in [mm]	Part Number
2 [50]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 019 01 3
2 [50]	MT 2	1/2 [12] - 1-1/2 [35]	6 39 01 018 01 9
3 [75]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 055 02 0
3 [75]	MT 2	1/2 [12] - 1-1/2 [35]	6 39 01 057 02 0



3/4 in Weldon adapter shaft
For using FEIN mag based drills on bench and column drilling machines and all other mag based drilling units with MT fitting. Includes hand pump and pilot pin for external cooling lubricant supply.
Tool-free core bit change.

Cutting depth in [mm]	Taper	Bore dia. in [mm]	Part Number
2 [50]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 052 02 0
3 [75]	MT 3	1/2 [12] - 2-1/2 [65]	6 39 01 053 02 0



QuickIN drive
For retrofitting KBM 80 U / KBM 80 auto. With integrated cooling lubricant supply. For all QuickIN annular cutters 7/16 - 2-9/16 in [12 - 65 mm] dia.

Part Number
6 39 01 039 02 0



QuickIN MAX drive
For retrofitting KBM 80 U / KBM 80 auto. With integrated cooling lubricant supply. For all QuickIN MAX annular cutters 2 - 3-1/8 in [50 - 80 mm] dia.

Part Number
6 39 01 038 02 0



Weldon 32 drive
For all weldon 32 cutters.

Part Number
6 39 01 041 01 0



Shaft extension
Especially for countersinking

Drill chuck holder	Part Number
MT 3/MT 3	6 33 04 005 00 0

TAPPING



Size 2 quick change tapping chuck with 3/4 in Weldon fitting
Only usable on magnetic core drills with reverse rotation. For taps in compliance with DIN 371 and 374/376 in combination with tapping inserts, with or without safety coupling, from M6 - M20.

Part Number
9 26 02 089 01 0



Size 2 quick change tapping chuck with QuickIN fitting
Only usable on magnetic core drills with reverse rotation. For taps in compliance with DIN 371 and 374/376 in combination with tapping inserts, with or without safety coupling, from M6 - M20.

Part Number
9 26 02 079 01 0



Tapping collet size 2
for taps conforming to DIN 371

Thread	Dia. in [mm]	Square in [mm]	Part Number
M 6	1/4 [6]	3/16 [4.9]	6 32 06 095 01 1
M 8	1/4 [8]	1/4 [6.2]	6 32 06 138 01 0
M 10	1/2 [10]	5/16 [8]	6 32 06 139 01 0



Tapping collet size 2
For taps.

Thread	Dia. in [mm]	Square in [mm]	Part Number
M 6	1/4 [4.5]	1/8 [3.4]	6 32 06 117 01 5
M 10	1/4 [7]	7/32 [5.5]	6 32 06 096 01 4
M 12	1/4 [9]	9/32 [7]	6 32 06 097 01 8
M 14	1/2 [11]	11/32 [9]	6 32 06 098 01 6
M 16	1/2 [12]	11/32 [9]	6 32 06 099 01 0
M 18	1/2 [14]	7/16 [11]	6 32 06 100 01 1
M 20	3/4 [16]	15/32 [12]	6 32 06 101 01 0



Tapping collet size 2
For taps.

Size	Part Number
1/4 in	6 99 08 107 00 1
5/16 in	6 99 08 107 01 4
3/8 in	6 99 08 107 00 2
7/16 in	6 99 08 107 00 3
1/2 in	6 99 08 107 00 4
9/16 in	6 99 08 107 00 5
5/8 in	6 99 08 107 00 6
11/16 in	6 99 08 107 01 8
3/4 in	6 99 08 107 00 7
7/8 in	6 99 08 107 00 8



Tapping collet size 2
With safety clutch for blind holes. for taps conforming to DIN 371

Thread	Dia. in [mm]	Square in [mm]	Part Number
M 6	1/4 [6]	3/16 [4.9]	6 32 06 118 01 3
M 8	1/4 [8]	1/4 [6.2]	6 32 06 140 01 0
M 10	1/2 [10]	5/16 [8]	6 32 06 141 01 0



Tapping collet size 2
With safety clutch for blind holes. For taps.

Thread	Dia. in [mm]	Square in [mm]	Part Number
M 8	1/4 [6]	3/16 [4.9]	6 32 06 102 01 3
M 10	1/4 [7]	7/32 [5.5]	6 32 06 103 01 7
M 12	1/4 [9]	9/32 [7]	6 32 06 104 01 5
M 14	1/2 [11]	11/32 [9]	6 32 06 105 01 9
M 16	1/2 [12]	11/32 [9]	6 32 06 106 01 2
M 18	1/2 [14]	7/16 [11]	6 32 06 107 01 6
M 20	3/4 [16]	15/32 [12]	6 32 06 108 01 4



Tapping collet size 2
With safety clutch for blind holes. For taps.

Size	Part Number
1/4 in	6 99 08 107 02 0
5/16 in	6 99 08 107 01 5
3/8 in	6 99 08 107 00 9
7/16 in	6 99 08 107 01 0
1/2 in	6 99 08 107 01 1
9/16 in	6 99 08 107 01 2
5/8 in	6 99 08 107 01 3
11/16 in	6 99 08 107 01 9
3/4 in	6 99 08 107 01 7
7/8 in	6 99 08 107 01 6



Size 3 quick change tapping chuck with QuickIN MAX / Weldon 32 fitting
Only usable on magnetic core drills with reverse rotation. For taps in compliance with DIN 374/376 in combination with tapping inserts, with or without safety coupling, from M22 - M36.

Part Number
9 26 02 082 01 0



Tapping collet size 3
For taps.

Thread	Dia. in [mm]	Square in [mm]	Part Number
M22/M24	3/4 [18]	9/16 [14.5]	6 32 06 119 01 0
M 27	3/4 [20]	5/8 [16]	6 32 06 120 01 0
M 30	3/4 [22]	23/32 [18]	6 32 06 121 01 0
M 33	1 [25]	25/32 [20]	6 32 06 157 01 0
M 36	1 [28]	7/8 [22]	6 32 06 158 01 0



Tapping collet size 3
For taps.

Size	Part Number
3/4 in	6 99 08 195 29 5
13/16 in	6 99 08 195 29 6
7/8 in	6 99 08 195 29 7
15/16 in	6 99 08 195 29 8
1 in	6 99 08 195 29 9
1-1/8 in	6 99 08 195 30 0
1-1/4 in	6 99 08 107 04 1



Tapping collet size 3
With safety clutch for blind holes.
For taps.

Thread	Dia. in [mm]	Square in [mm]	Part Number
M22/M24	3/4 [18]	9/16 [14.5]	6 32 06 122 01 0
M 27	3/4 [20]	5/8 [16]	6 32 06 123 01 0
M 30	3/4 [22]	23/32 [18]	6 32 06 124 01 0
M 33	1 [25]	25/32 [20]	6 32 06 155 01 0
M 36	1 [28]	7/8 [22]	6 32 06 156 01 0



Tapping collet size 3
With safety clutch for blind holes.
For taps.

Size	Part Number
3/4 in	6 99 08 195 30 1
13/16 in	6 99 08 195 30 2
7/8 in	6 99 08 195 30 3
15/16 in	6 99 08 195 30 4
3/4 in	6 99 08 195 30 5
1-1/8 in	6 99 08 195 30 6
1-1/4 in	6 99 08 107 04 2



Reducing insert from size 3 to size 2
Reduction insert for mounting size 2 tapping inserts (M6 - M20) in size 3 quick change tapping chuck (9 26 02 082 01 0).

Part Number
6 32 06 125 01 0

CLAMPING DEVICES



Vacuum plate
For non-magnetic materials and textured surfaces, such as checkered plate. This requires the vacuum pump.
Vacuum plate
15-9/16 x 7-7/8 x 3-3/4 in
[396 x 200 x 95 mm]

Part Number
9 26 02 057 01 7



Vacuum pump
Suction rate 0.53 [0.015] ft³/min.
[m³/min.], 11.6 [0.8] psi [bar],
92 W, weight 5.5 [2.5] lbs. [kg],
including suction hose.

Part Number
9 26 01 022 01 3



Suction plate
For non-magnetic materials,
9-3/16 x 13 x 4-5/16 in
[250 x 330 x 110 mm]

Part Number
9 26 02 054 01 6



Pipe-drilling device
Incl. clamping strap, for drilling
holes in pipe with Ø from 2-3/8
to 11-13/16 in [60 to 300 mm],
8-11/16 x 5-1/8 in
[220 x 130 mm]

Part Number
9 26 02 055 01 0

COOLING



Hand pump
Approximately 15 oz [450 ml]
capacity.

Part Number
3 21 32 022 00 7

Replacement hose
fits hand pump 3 21 32 022 00 7.

Part Number
3 14 14 054 00 8



Flexible swivel hose
For use with spiral drills.

L mm	Part Number
340	3 14 14 070 01 0
500	3 14 14 078 01 0

ADDITIONAL ACCESSORIES



Magbrush
Practical tool with strong magnet
for fast, easy collection of
magnetic swarf.

Part Number
6 42 01 002 98 0



Super Magbrush
Practical tool with strong magnet
for fast, easy collection of
magnetic swarf.

Part Number
6 42 01 003 98 0

AKBU ACCESSORIES



HighPower battery pack
HighPower Li-ion battery with
high-current cells, charge indicator
and FEIN SafetyCell Technology.
Continuously high current output
with 75 % higher amperage than
Li-ion batteries. Recommended
for FEIN cordless magnet core
drills and cordless angle grinders.
Can be used with all FEIN 18 V
cordless tools.

Current/Voltage V	Capacity Ah	Part Number
18	5.2	9 26 04 179 02 0



HighPower battery starter set
2 HighPower Lithium-ion batteries
with ALG 50 rapid charger.

Current/Voltage V	Capacity Ah	Part Number
18	5.2	9 26 04 310 01 0



HighPower battery starter set
2 HighPower Lithium-ion batteries
with ALG 80 rapid charger.

Current/Voltage V	Capacity Ah	Part Number
18	5.2	9 26 04 320 01 0



Rapid charger ALG 80
For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50
For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number
9 26 04 131 01 0

AUTOMATIC



JCM 200 AUTO

Light, smart, fully automatic 2-speed machine. Saves time and expense in the workshop and on the construction site.

	Page	126
Application	Mag base drilling metal up to 1-3/8 in dia.	▲▲
	Mag base drilling metal up to 2 in dia.	▲▲
	Twist drills with drill chuck	▲
	Spiral drilling with MT fitting	▲▲
	Tapping	▲▲
	Countersinking	▲▲
	Reaming	▲▲
	Fully automatic drilling	▲▲
	Working one-handed	▲▲
	Performing overhead work	▲
	Installation work	▲▲
	Workshop jobs	▲▲
Features	Magnet monitor system	●
	Magnet holding force gauge	●
	Automatic drill feed	●
	Reversible	●
	Electronic speed reduction	●
	Memory function	●
	Speed-controlled tacho electronics	●
	Tip sensor	●
Technical specifications	Power consumption	W 1,200
	Power output	W 610
	Load speed: 1st gear	rpm 130 - 260
	Load speed: 2nd gear	rpm 260 - 520
	Tool mount	MT 3
	Carbide cutter max. dia.	in [mm] 2 [50]
	HSS cutter max. dia.	in [mm] 1-5/8 [40]
	Cutter, max. drilling depth	in [mm] 2 [50] (3 [75])*
	Twist drill max. dia.	in [mm] 3/4 [18] / 7/8 [23] **
	Tapping	M 16**
	Max. countersinking dia.	in [mm] 2 [50] **
	Reaming max. dia.	in [mm] 7/8 [23] **
	Cutter holder	3/4 in straight shank
	Stroke	in [mm] 5-11/16 [145]
	Total stroke range	in [mm] 12-3/8 [315]
	Magnetic holding force	lbs [N] 2810 [12,500]
	Magnetic base dimensions	in [mm] 7-11/16 [195] x 3-9/16 [90]
	Cable with plug	ft [m] 13 [4]
	Weight according to EPTA	lbs [kg] 35.71 [16.20]

▲▲ very well-suited ▲ suitable ● included * optional using accessory. ** only in manual machine operation

AUTOMATIC MAGNETIC BASE DRILL



Time and cost savings:

With large drilling volumes, work times can be planned: Magnetic base drills with digitally controlled drill feed deliver reproducible, consistent drilling times.

Higher annular cutter durability:

Thanks to a digitally controlled, fully automatic drill feed that ensures optimal, consistent pressure, you get significantly longer service life from the tool in use.

JCM 200 AUTO



For accessories, see page 127

Price includes

1 coolant tank, 1 safety strap, 1 chip hook,
1 pilot pin 4-1/8 in (105 mm), 1 drift,
1 chip guard, 1 case

Light, smart, fully automatic 2-speed machine. Saves time and expense in the workshop and on the construction site.

Power consumption	W	1,200
Power output	W	610
Load speed: 1st gear	rpm	130 - 260
Load speed: 2nd gear	rpm	260 - 520
Tool mount		MT 3
Carbide cutter max. dia.	in [mm]	2 [50]
HSS cutter max. dia.	in [mm]	1-5/8 [40]
Cutter, max. drilling depth	in [mm]	2 [50] (3 [75])*
Twist drill max. dia.	in [mm]	3/4 [18] / 7/8 [23]**
Tapping		M 16**
Max. countersinking dia.	in [mm]	2 [50]**
Reaming max. dia.	in [mm]	7/8 [23]**
Cutter holder		3/4 in straight shank
Cutter change		tool-free
Stroke	in [mm]	5-11/16 [145]
Total stroke range	in [mm]	12-3/8 [315]
Magnetic holding force	lbs [N]	2810 [12,500]
Magnetic base dimensions	in [mm]	7-11/16 [195] x 3-9/16 [90]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	35.71 [16.20]

Part Number	7 270 46 61 12 0
EAN	4014586874340

BENEFITS OF APPLICATION

- Time and cost savings in large volume drilling due to digitally controlled drill feed.
- Predictable work times on contract and serial work due to repeatable and consistent drilling times.
- Universal operation, such as tapping in manual machine mode using forward/reverse and the MT3 interface.

PRODUCT FEATURES

- High-power motor with stable speed.
- Electronic speed control.
- High magnetic holding force.
- Convenient magnetic holding force gauge.
- Integrated coolant tank.
- Motion sensor.
- Control pads in the field of view.
- * optional using accessory.
- ** only in manual machine operation



CARBIDE ANNULAR CUTTER WITH 1-1/4 IN WELDON SHANK

Maximum service life and outstanding cutting performance.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 Part Number
2-1/2	2.5000	63127592110	63127538110	63127642110	63127692110
2-11/16	2.6870	63127595110	63127541110	63127645110	63127695110
2-13/16	2.8120	63127597110	63127543110	63127647110	63127697110
2-15/16	2.9370	63127599110	63127545110	63127649110	63127699110
2-3/4	2.7500	63127596110	63127542110	63127646110	63127696110
2-5/8	2.6250	63127594110	63127540110	63127644110	63127694110
2-7/8	2.8750	63127598110	63127544110	63127648110	63127698110
2-9/16	2.5620	63127593110	63127539110	63127643110	63127693110
3	3.0000	63127600110	63127546110	63127650110	63127700110
3-1/16	3.0625	63127601110	63127547110	63127651110	63127701110
3-1/2	3.5000	63127607110	63127553110	63127657110	63127707110
3-1/4	3.2500	63127603110	63127549110	63127653110	63127703110
3-1/8	3.1250	63127602110	63127548110	63127652110	63127702110
3-15/16	3.9370	63127612110	63127558110	63127662110	63127712110
3-3/4	3.7500	63127610110	63127556110	63127660110	63127710110
3-3/8	3.3750	63127605110	63127551110	63127655110	63127705110
3-5/16	3.3120	63127604110	63127550110	63127654110	63127704110
3-5/8	3.6250	63127609110	63127555110	63127659110	63127709110
3-7/16	3.4375	63127606110	63127552110	63127656110	63127706110
3-7/8	3.8750	63127611110	63127557110	63127661110	63127711110
3-9/16	3.5625	63127608110	63127554110	63127658110	63127708110
4	4.0000	63127613110	63127559110	63127663110	63127713110



CARBIDE ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

Maximum service life and outstanding cutting performance.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 Part Number
1/2	0.5000	63127560110	63127506110		
9/16	0.5625	63127561110	63127507110		
5/8	0.6250	63127562110	63127508110		
11/16	0.6875	63127563110	63127509110		
3/4	0.7500	63127564110	63127510110	63127614110	63127664110
13/16	0.8125	63127565110	63127511110	63127615110	63127665110
7/8	0.8750	63127566110	63127512110	63127616110	63127666110
15/16	0.9375	63127567110	63127513110	63127617110	63127667110
1	1.0000	63127568110	63127514110	63127618110	63127668110
1-1/16	1.0620	63127569110	63127515110	63127619110	63127669110
1-1/8	1.1250	63127570110	63127516110	63127620110	63127670110
1-3/16	1.1870	63127571110	63127517110	63127621110	63127671110
1-1/4	1.2500	63127572110	63127518110	63127622110	63127672110
1-5/16	1.3120	63127573110	63127519110	63127623110	63127673110
1-3/8	1.3750	63127574110	63127520110	63127624110	63127674110
1-7/16	1.4370	63127575110	63127521110	63127625110	63127675110
1-1/2	1.5000	63127576110	63127522110	63127626110	63127676110
1-9/16	1.5620	63127577110	63127523110	63127627110	63127677110
1-5/8	1.6250	63127578110	63127524110	63127628110	63127678110
1-11/16	1.6870	63127579110	63127525110	63127629110	63127679110
1-3/4	1.7500	63127580110	63127526110	63127630110	63127680110
1-13/16	1.8120	63127581110	63127527110	63127631110	63127681110
1-7/8	1.8750	63127582110	63127528110	63127632110	63127682110
1-15/16	1.9370	63127583110	63127529110	63127633110	63127683110
2	2.0000	63127584110	63127530110	63127634110	63127684110
2-1/16	2.0620	63127585110	63127531110	63127635110	63127685110
2-1/8	2.1250	63127586110	63127532110	63127636110	63127686110
2-3/16	2.1870	63127587110	63127533110	63127637110	63127687110
2-1/4	2.2500	63127588110	63127534110	63127638110	63127688110
2-5/16	2.3120	63127589110	63127535110	63127639110	63127689110
2-3/8	2.3750	63127590110	63127536110	63127640110	63127690110
2-7/16	2.4370	63127591110	63127537110	63127641110	63127691110



CARBIDE ANNULAR CUTTER WITH QUICKIN-MAX SHANK

Maximum service life and outstanding cutting performance.

Dia in	Dia Decimal	DOC 2 in Part Number
2	2.0000	63127437010
2-1/16	2.0620	63127438010
2-1/8	2.1250	63127439010
2-3/16	2.1870	63127440010
2-5/16	2.3120	63127442010
2-3/8	2.3750	63127443010
2-7/16	2.4370	63127444010
2-1/2	2.5000	63127445010
2-9/16	2.5620	63127446010
2-5/8	2.6250	63127447010
2-11/16	2.6870	63127448010
2-3/4	2.7500	63127449010
2-13/16	2.8120	63127450010
2-7/8	2.8750	63127451010
2-15/16	2.9370	63127452010
3	3.0000	63127453010
3-1/16	3.0625	63127454010
3-1/8	3.1250	63127455010



CARBIDE ANNULAR CUTTER WITH QUICKIN SHANK

Maximum service life and outstanding cutting performance.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number
1/2	0.5000	63127472110	63127383110
9/16	0.5625	63127473110	63127384110
5/8	0.6250	63127474110	63127385110
11/16	0.6875	63127475110	63127386110
3/4	0.7500	63127476110	63127387110
13/16	0.8125	63127477110	63127388110
7/8	0.8750	63127478110	63127389110
15/16	0.9375	63127479110	63127390110
1	1.0000	63127480110	63127391110
1-1/16	1.0620	63127481110	63127392110
1-1/8	1.1250	63127482110	63127393110
1-3/16	1.1870	63127483110	63127394110
1-1/4	1.2500	63127484110	63127395110
1-5/16	1.3120	63127485110	63127396110
1-3/8	1.3750	63127486110	63127397110
1-7/16	1.4370	63127487110	63127398110
1-1/2	1.5000	63127488110	63127399110
1-9/16	1.5620	63127489110	63127400110
1-5/8	1.6250	63127490110	63127401110
1-11/16	1.6870	63127491110	63127402110
1-3/4	1.7500	63127492110	63127403110
1-13/16	1.8120	63127493110	63127404110
1-7/8	1.8750	63127494110	63127405110
1-15/16	1.9370	63127495110	63127406110
2	2.0000	63127496110	63127407110
2-1/16	2.0620	63127497110	63127408110
2-1/8	2.1250	63127498110	63127464110
2-3/16	2.1870	63127499110	63127465110
2-1/4	2.2500	63127500110	63127466110
2-5/16	2.3120	63127501110	63127467110
2-3/8	2.3750	63127502110	63127468110
2-7/16	2.4370	63127503110	63127469110
2-1/2	2.5000	63127504110	63127470110
2-9/16	2.5620	63127505110	63127471110

MAGNETIC BASE DRILLING



HSS ANNULAR CUTTER WITH 1-1/4 IN WELDON SHANK

Long service life.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 Part Number	DOC 6 Part Number
2-1/8	2.1250	63134539013	63134539014		63134539016	63134539018
2-3/16	2.1870	63134555013	63134555014	63134555015		63134556018
2-1/4	2.2500	63134571013	63134571014	63134571015	63134571016	
2-5/16	2.3120	63134587013			63134587016	63134587018
2-3/8	2.3750	63134603013	63134603014	63134603015		63134603018
2-7/16	2.4370	63134618013	63134618014			
2-1/2	2.5000	63134635013	63134635014	63134635015		
2-17/32	2.5312			63134642015		
2-9/16	2.5620	63134650013	63134651002			
2-5/8	2.6250	63134666013				
2-11/16	2.6870	63134682013	63134682014	63134682015		
2-3/4	2.7500		63134698014	63134698015	63134698016	
2-13/16	2.8120		63134714014		63134714016	
2-7/8	2.8750			63134731015	63134731016	
2-15/16	2.9370		63134745014			
3	3.0000	63134762013	63134762014	63134762015		



HSS ANNULAR CUTTER WITH QUICKIN SHANK

Long service life.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number
7/16	0.4375	63133111001	63133111002	1-5/16	1.3120	63133333001	63133333002
1/2	0.5000	63133127001	63133127002	1-3/8	1.3750	63133349001	63133349002
9/16	0.5625	63133142001	63133142002	1-7/16	1.4370	63133364001	63133364002
5/8	0.6250	63133158001	63133158002	1-1/2	1.5000	63133381001	63133381002
11/16	0.6875	63133174001	63133174002	1-9/16	1.5620	63133396001	63133396002
3/4	0.7500	63133190001	63133190002	1-5/8	1.6250	63133412001	63133412002
13/16	0.8125	63133206001	63133206002	1-11/16	1.6870	63133428001	63133428002
7/8	0.8750	63133222001	63133222002	1-3/4	1.7500	63133444001	63133444002
15/16	0.9375	63133238001	63133238002	1-13/16	1.8120	63133461001	63133461002
1	1.0000	63133254001	63133254002	1-7/8	1.8750	63133476001	63133476002
1-1/16	1.0620	63133269001	63133269002	1-15/16	1.9370	63133491001	63133491002
1-1/8	1.1250	63133285001	63133285002	2	2.0000	63133508001	63133508002
1-3/16	1.1870	63133301001	63133301002	2-1/16	2.0620	63133523001	63133523002
1-1/4	1.2500	63133317001	63133317002				



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

ID sharpened for stack drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number	DOC 6 in Part Number
7/16	0.4375	63134111114	63134110107			
29/64	0.4530	63134115102				
1/2	0.5000	63134127114	63134127115			
33/64	0.5150	63134130101				
17/32	0.5310	63134134109	63134134103			
9/16	0.5625	63134142117	63134142108			
19/32	0.5940	63134151103				
39/64	0.6093	63134154104				
5/8	0.6250	63134158117	63134158119			
41/64	0.6406	63134162101				
21/32	0.6560	63134166110	63134166104			
43/64	0.6720	63134170101				
11/16	0.6875	63134174121	63134174109			
3/4	0.7500	63134190118	63134190119	63134190103		
49/64	0.7660	63134194103	63134194105			
25/32	0.7810	63134198109	63134198104	63134198108		
13/16	0.8125	63134206122	63134206124	63134206105	63134206102	63134206103
7/8	0.8750	63134222123	63134222124	63134222118	63134222119	63134222120
15/16	0.9375	63134238122		63134238119	63134237105	63134238121



Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number	DOC 6 in Part Number
1	1.0000	63134254121	63134254122	63134254103	63134254119	63134254118
1-1/16	1.0620	63134269122	63134269124	63134269120	63134269118	63134269119
1-1/8	1.1250		63134285119	63134285116	63134285117	63134285115
1-3/16	1.1870	63134301118	63134301119	63134301116	63134301115	63134301117



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

Long service life.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number	DOC 6 in Part Number
7/16	0.4375	63134111001	63134111002			
1/2	0.5000	63134127001	63134127002			
9/16	0.5625	63134142001	63134142002			
5/8	0.6250	63134158001	63134158002			
11/16	0.6875	63134174001	63134174002			
3/4	0.7500	63134190001	63134190002	63134190003		
13/16	0.8125	63134206001	63134206002	63134206003	63134206004	63134206006
7/8	0.8750	63134222001	63134222002	63134222003	63134222004	63134222006
15/16	0.9375	63134238001	63134237002	63134238003	63134237004	63134237006
1	1.0000	63134254001	63134254002	63134254003	63134254004	63134254006
1-1/16	1.0620	63134269001	63134269002	63134269003	63134269004	63134269006
1-1/8	1.1250	63134285001	63134285002	63134285003	63134285004	63134285006
1-3/16	1.1870	63134301001	63134301002	63134301003	63134301004	63134301006
1-1/4	1.2500	63134317001	63134317002	63134317003	63134317004	63134317006
1-5/16	1.3120	63134333001	63134333002	63134333003	63134333004	63134333006
1-3/8	1.3750	63134349001	63134349002	63134349003	63134349004	63134349006
1-7/16	1.4370	63134364001	63134364002	63134364003	63134364004	63134364006
1-1/2	1.5000	63134381001	63134381002	63134381003	63134381004	63134381006
1-9/16	1.5620	63134396001	63134396002	63134396003	63134396004	63134396006
1-5/8	1.6250	63134412001	63134412002	63134412003	63134412004	63134412006
1-11/16	1.6870	63134428001	63134428002	63134428003	63134428004	63134428006
1-3/4	1.7500	63134444001	63134444002	63134444003	63134444004	63134444006
1-13/16	1.8120	63134461001	63134461002	63134461003	63134461004	63134461006
1-7/8	1.8750	63134476001	63134476002	63134476003	63134476004	63134476006
1-15/16	1.9370	63134491001	63134491002	63134491003	63134492004	63134491006
2	2.0000	63134508001	63134508002	63134508003	63134508004	63134508006
2-1/16	2.0620	63134523001	63134523002	63134523003	63134523004	63134524006
2-1/8	2.1250	63134539001	63134539002	63134539003	63134539004	63134539006
2-3/16	2.1870	63134555001	63134555002	63134555003	63134555004	63134555006
2-1/4	2.2500	63134571001	63134571002	63134571003	63134571004	63134572006
2-5/16	2.3120	63134587001	63134587002	63134587003	63134587004	63134587006
2-3/8	2.3750	63134603001	63134603002	63134603003	63134603004	63134603006
2-7/16	2.4370	63134618001	63134618002	63134618003	63134618004	63134618006
2-1/2	2.5000	63134635001	63134635002	63134635003	63134635004	63134635006
2-9/16	2.5620	63134650001	63134650014	63134650003	63134651004	
2-5/8	2.6250	63134666001	63134666002	63134666003	63134666004	
2-11/16	2.6870	63134682001	63134682002	63134682003	63134683004	
2-3/4	2.7500	63134698001	63134698002	63134698003	63134698004	63134698018
2-13/16	2.8120	63134714001	63134714002	63134714003	63134714004	
2-7/8	2.8750	63134731001	63134731002	63134731003	63134731004	
2-15/16	2.9370	63134745001	63134745002	63134745003	63134746004	
3	3.0000	63134762001	63134762002	63134762003	63134762004	63134762018



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

Specifically designed for rail drilling. Unique design and special coating.

Dia in	Dia Decimal	DOC 1 in Part Number
13/16	0.8125	63134206126
15/16	0.9375	63134238275
1	1.0000	63134254124
1-1/16	1.0620	63134269126
1-3/16	1.1870	63134301121

MAGNETIC BASE DRILLING



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

For tube and pipe drilling with ID spherfined pipe geometry.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number	DOC 6 in Part Number
1-1/4	1.2500	63134317109	63134317116	63134317123		
1-5/16	1.3120	63134287101	63134333107	63134333112		
1-11/32	1.3440		63134341101			
1-3/8	1.3750	63134349106	63134349119	63134349116		63134349123
1-7/16	1.4370		63134364105	63134364101		
1-1/2	1.5000	63134381108	63134381124	63134381119	63134381120	63134381121
1-9/16	1.5620		63134396105	63134396109	63134396101	
1-5/8	1.6250	63134412107	63134412118	63134412114		
1-11/16	1.6870	63134428104	63134428106	63134428110		
1-3/4	1.7500	63134444119	63134444121	63134444117	63134444113	63134444114
1-13/16	1.8120	63134461103	63134461111	63134461101		
1-7/8	1.8750	63134476103	63134476109			
1-15/16	1.9370		63134491107	63134491101		
2	2.0000	63134508109	63134508125	63134508120	63134508118	63134508121
2-1/16	2.0620	63134523310	63134523106	63134523101		
2-1/8	2.1250	63134539104	63134539302	63134539105		
2-3/16	2.1870	63134555107	63134555109	63134555106		
2-1/4	2.2500	63134571109	63134571103	63134571106		
2-5/16	2.3120		63134587102	63134587105		
2-3/8	2.3750	63134603105	63134603106	63134603101		
2-7/16	2.4370		63134618106	63134618104		
2-1/2	2.5000	63134635108	63134635103	63134635227		
2-9/16	2.5620					63134650102
2-5/8	2.6250		63134666105		63134666104	
2-3/4	2.7500		63134698105			
2-13/16	2.8120		63134714103			
2-7/8	2.8750		63134731104			
2-15/16	2.9370		63134745103			
3	3.0000	63134762225	63134762106	63134762108	63134762109	



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

For tube and pipe drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number	DOC 6 in Part Number
1-1/4	1.2500	63134317125	63134317126	63134317122		
1-5/16	1.3120	63134333114	63134333115			63134333113
1-3/8	1.3750	63134349117	63134349118			
1-7/16	1.4370	63134364109	63134364110			
1-1/2	1.5000	63134381122	63134381123	63134381118		
1-5/8	1.6250	63134412116	63134412117	63134412113		
1-11/16	1.6870	63134428111	63134428112	63134428109		
1-3/4	1.7500	63134444118	63134444120	63134444115	63134444112	
1-13/16	1.8120	63134461109	63134461110	63134461108	63134461107	
1-7/8	1.8750	63134476107	63134476108			
1-15/16	1.9370	63134491109	63134491110			
2	2.0000	63134508123	63134508124	63134508119		
2-1/16	2.0620	63134523110	63134523111			
2-1/8	2.1250		63134539202			
2-1/4	2.2500	63134571107	63134571100			
2-5/16	2.3120			63134587104		
2-1/2	2.5000	63134635107	63134635110			
2-3/4	2.7500				63134698103	63134698104
2-13/16	2.8120				63134714102	
2-7/8	2.8750		63134731103			
3	3.0000	63134762112	63134762111	63134762107	63134762110	



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

For truck frame drilling with ID geometry.

Dia in	Dia Decimal	DOC 3/4 in Part Number
1/2	0.5000	63134127119
17/32	0.5310	63134134112
9/16	0.5625	63134142120
5/8	0.6250	63134158124
21/32	0.6560	63134166112
11/16	0.6875	63134174115
3/4	0.7500	63134190126
25/32	0.7810	63134198111
13/16	0.8125	63134206129
7/8	0.8750	63134222127
1	1.0000	63134254127



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

With pilot pin. Long service life.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number
7/16	0.4375	63134111041	63134111042
1/2	0.5000	63134127041	63134127042
9/16	0.5625	63134143041	63134143042
5/8	0.6250	63134158041	63134158042
11/16	0.6875	63134175041	63134175042
3/4	0.7500	63134191041	63134191042
13/16	0.8125	63134206041	63134206042
7/8	0.8750	63134222041	63134222042
15/16	0.9375	63134238041	63134238042
1	1.0000	63134254041	63134254042
1-1/16	1.0620	63134269041	63134269042
1-1/8	1.1250	63134286041	63134286042
1-3/16	1.1870	63134302041	63134302042
1-1/4	1.2500	63134318041	63134318042
1-5/16	1.3120	63134333041	63134333042
1-3/8	1.3750	63134349041	63134349042
1-7/16	1.4370	63134365041	63134365042
1-1/2	1.5000	63134381041	63134381042
1-9/16	1.5620	63134397041	63134397042
1-5/8	1.6250	63134413041	63134413042
1-11/16	1.6870	63134429041	63134429042
1-3/4	1.7500	63134445041	63134445042
1-13/16	1.8120	63134460041	63134460042
1-7/8	1.8750	63134476041	63134476042
1-15/16	1.9370	63134492041	63134492042
2	2.0000	63134508041	63134508042
2-1/16	2.0620	63134524041	63134524042



HSS ANNULAR CUTTER, TiCN COATED WITH 3/4 STRAIGHT SHANK

TiCN coating for improved service life and for gummy materials.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number
7/16	0.4375	63134111112	63134110105	
1/2	0.5000	63134127107	63134127112	
9/16	0.5625	63134142114	63134142106	
5/8	0.6250	63134158107	63134158113	
21/32	0.6560	63134166108	63134166102	
11/16	0.6875		63134174104	
3/4	0.7500	63134190110	63134190116	63134190106
49/64	0.7660		63134194101	
13/16	0.8125	63134206114	63134206119	
7/8	0.8750	63134222109	63134222116	
15/16	0.9375	63134238116	63134237103	63134238110
1	1.0000	63134254110	63134254116	
1-1/16	1.0620	63134269110	63134269116	
1-1/8	1.1250	63134285108	63134285113	63134285104
1-3/16	1.1870		63134302146	
1-1/4	1.2500	63134317112	63134317118	
1-5/16	1.3120		63134333110	
1-3/8	1.3750	63134349108	63134349114	
1-1/2	1.5000	63134381129	63134381116	
2-1/16	2.0620	63134523104		
3	3.0000	63134762501	63134762502	



HSS ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

ID sharpened for stack drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number
7/16	0.4375	63134111111	63134110104	
1/2	0.5000	63134127106	63134127111	
9/16	0.5625	63134142113	63134142105	
5/8	0.6250	63134158106	63134158112	
21/32	0.6560	63134166107	63134166101	
11/16	0.6875	63134174119	63134174103	
3/4	0.7500	63134190109	63134190115	63134190105
13/16	0.8125	63134206113	63134206118	63134206107
7/8	0.8750	63134222107	63134222114	63134222130
15/16	0.9375	63134238115	63134238124	63134238109
1	1.0000	63134254108	63134254114	63134254104
1-1/16	1.0620	63134269108	63134269115	63134269105
1-1/8	1.1250		63134285112	63134285103
1-3/16	1.1870	63134301109	63134301113	63134301103

MAGNETIC BASE DRILLING



HSS ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

TiN coating for improved service life and greater heat resistance.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number	DOC 6 in Part Number
27/64	0.4220	63134107102	63134106101			
7/16	0.4375	63134111113	63134110106			
29/64	0.4530	63134115101				
1/2	0.5000	63134127108	63134127113			
17/32	0.5310	63134134110	63134134101			
9/16	0.5625	63134142115	63134142107			
5/8	0.6250	63134158108	63134158114			
21/32	0.6560	63134166109	63134166103			
11/16	0.6875	63134174120	63134174105			
3/4	0.7500	63134190111	63134190117	63134206106		
25/32	0.7810	63134198107	63134198103			
13/16	0.8125	63134206115	63134206120	63134206108		63134206109
27/32	0.8440	63134214101	63134214105			
7/8	0.8750	63134222110	63134222117	63134222103		
15/16	0.9375	63134238117	63134237104	63134238111	63134238112	63134237108
1	1.0000	63134254111	63134254117	63134254105		63134254106
1-1/16	1.0620	63134269111	63134269117	63134269106	63134269129	
1-1/8	1.1250	63134285109	63134285114	63134285105	63134285106	
1-3/16	1.1870	63134301110	63134301114	63134301104	63134301106	
1-1/4	1.2500	63134317113	63134317119	63134317104		63134317105
1-5/16	1.3120	63134333105	63134333111	63134333103		63134333155
1-3/8	1.3750	63134349109	63134349115	63134349102	63134349103	
1-7/16	1.4370	63134364103	63134364107	63134365152	63134364010	
1-1/2	1.5000	63134381111	63134381117	63134381105		
1-9/16	1.5620	63134396104	63134396107	63134396103		
1-5/8	1.6250	63134412109	63134412112	63134412104		
1-11/16	1.6870	63134428105	63134428108	63134428102		
1-3/4	1.7500	63134444107	63134444111	63134444104		
1-13/16	1.8120	63134461104	63134461106	63134460152		
1-7/8	1.8750	63134476104	63134476106	63134476101		
1-15/16	1.9370	63134491105	63134491108	63134491103		63134491113
2	2.0000	63134508112	63134508117	63134508104	63134508105	63134508106
2-1/16	2.0620	63134523105	63134523109	63134523103		
2-1/8	2.1250	63134539102	63134539103	63134539101		
2-3/16	2.1870	63134555102	63134555104	63134555110		
2-1/4	2.2500	63134565102	63134571110	63134571105		
2-5/16	2.3120	63134587106	63134587151	63134587110		
2-3/8	2.3750	63134603104	63134603103	63134603102		
2-7/16	2.4370	63134618102	63134618105			
2-1/2	2.5000	63134635101	63134635104	63134635106		
2-9/16	2.5620	63134650101	63134650103			
2-5/8	2.6250	63134666103	63134666106	63134666101	63134666102	
2-11/16	2.6870	63134682101				
2-3/4	2.7500	63134698102	63134698106	63134698101		
2-13/16	2.8120	63134714101				
2-7/8	2.8750	63134731101				
2-15/16	2.9370	63134745101				
3	3.0000	63134762102	63134762104	63134762101		



HSS ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

For tube and pipe drilling with ID spherpened pipe geometry.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 6 in Part Number
1-1/4	1.2500	63134317110	63134317117	63134317129	
1-5/16	1.3120		63134333108	63134333118	
1-3/8	1.3750	63134349107	63134349111	63134349126	
1-7/16	1.4370		63134364106	63134364102	
1-1/2	1.5000	63134381109	63134381114	63134381104	
1-9/16	1.5620		63134396106	63134396102	
1-5/8	1.6250	63134412108	63134412120		
1-11/16	1.6870		63134428107	63134428101	
1-3/4	1.7500		63134444109	63134444103	
1-13/16	1.8120		63134461105	63134461102	
1-7/8	1.8750		63134476105		
1-15/16	1.9370		63134491112	63134491102	
2	2.0000	63134508110	63134508115	63134508103	63134508122
2-1/16	2.0620		63134523107	63134523102	
2-1/8	2.1250		63134539402		
2-3/16	2.1870		63134555108	63134555101	
2-1/4	2.2500		63134571101		
2-5/16	2.3120		63134587103	63134587101	
2-7/16	2.4370		63134618107	63134618101	
2-13/16	2.8120		63134714104		
2-7/8	2.8750		63134731102		
2-15/16	2.9370		63134745102		
3	3.0000	63134762250	63134762105		



HSS ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

For tube and pipe drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number
1-1/4	1.2500	63134317111	
1-5/16	1.3120		63134333109
1-3/8	1.3750		63134349113
1-1/2	1.5000	63134381110	63134381115
1-3/4	1.7500		63134444110
2	2.0000	63134508111	63134508116
2-1/16	2.0620		63134523108



HSS ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

For truck frame drilling with ID geometry.

Dia in	Dia Decimal	DOC 3/4 in Part Number
1/2	0.5000	63134127117
17/32	0.5310	63134134111
9/16	0.5625	63134142118
5/8	0.6250	63134158122
21/32	0.6560	63134166111
11/16	0.6875	63134174113
3/4	0.7500	63134190124
25/32	0.7810	63134198110
13/16	0.8125	63134206127
7/8	0.8750	63134222125
1	1.0000	63134254125



HSS COBALT ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

Cobalt steel for extended service life and increased feed rates.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number
27/64	0.4220	63134107007			
7/16	0.4375	63134111007	63134110008		
31/64	0.4840	63134123007			
1/2	0.5000	63134127007	63134127008		
17/32	0.5310	63134134007	63134134008		
9/16	0.5625	63134142007	63134142008		
5/8	0.6250	63134158007	63134158008		
21/32	0.6560	63134166007	63134166008		
11/16	0.6875	63134174007	63134174008		
3/4	0.7500	63134190007	63134190008		
49/64	0.7660	63134194007	63134194008		
25/32	0.7810	63134198007	63134198008		
13/16	0.8125	63134206007	63134206008		63134206010
7/8	0.8750	63134222007	63134222008	63134222009	
15/16	0.9375	63134238007	63134237008	63134238009	
1	1.0000	63134254007	63134254008	63134254009	
1-1/16	1.0620	63134269007	63134269008	63134269009	63134269010
1-1/8	1.1250	63134285007	63134285008	63134285009	
1-3/16	1.1870	63134301007	63134301008	63134301009	
1-1/4	1.2500	63134317007	63134317008		
1-5/16	1.3120	63134333007	63134333008		
1-3/8	1.3750	63134349007	63134349008		
1-7/16	1.4370	63134364007	63134364008		
1-1/2	1.5000	63134381007	63134381008		
1-9/16	1.5620	63134396007	63134396008		
1-5/8	1.6250	63134412007	63134412008		
1-11/16	1.6870	63134428007	63134428008		
1-3/4	1.7500	63134444007	63134444008		
1-13/16	1.8120	63134461007	63134461008		
1-7/8	1.8750	63134476007	63134476008		

MAGNETIC BASE DRILLING

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number	DOC 4 in Part Number
1-15/16	1.9370	63134491007	63134491008		
2	2.0000	63134508007	63134508008		
2-1/16	2.0620	63134523007	63134523008		
2-1/8	2.1250	63134539007	63134539008		
2-3/16	2.1870		63134555008		
2-1/4	2.2500	63134571007	63134571008		
2-3/8	2.3750			63134603021	
2-7/16	2.4370		63134618008		
2-1/2	2.5000		63134635008		
3	3.0000	63134762007			



HSS COBALT ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

ID sharpened for stack drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number
7/16	0.4375	63134111109		
1/2	0.5000	63134127103	63134127109	
17/32	0.5310	63134134106		
9/16	0.5625	63134142110	63134142102	
5/8	0.6250	63134158102	63134158110	
11/16	0.6875	63134174117	63134174101	
3/4	0.7500	63134190104	63134190113	
25/32	0.7810	63134198105	63134198101	
13/16	0.8125	63134206110	63134206123	
7/8	0.8750	63134222104	63134222111	
1	1.0000	63134254120	63134254112	
1-1/16	1.0620	63134269121	63134269113	63134269103
1-1/8	1.1250	63134285118	63134285110	
1-3/16	1.1870	63134301107	63134301111	



HSS COBALT ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

For tube and pipe drilling with ID spherfined pipe geometry.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number
1-1/4	1.2500		63134317114	
1-1/2	1.5000	63134381106	63134381127	63134381128
1-5/8	1.6250	63134412105		63134412103
1-3/4	1.7500	63134444105		
2-3/16	2.1870	63134555103		



HSS COBALT ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

For tube and pipe drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number
1-1/4	1.2500	63134317017	
1-3/8	1.3750	63134349104	
1-1/2	1.5000		63134381112
1-11/16	1.6870	63134428103	
1-15/16	1.9370		63134491106
2	2.0000	63134508107	63134508113



HSS COBALT ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

Cobalt steel TiN coated for outstanding service life in difficult to machine materials.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number
7/16	0.4375	63134111110	63134110102	
1/2	0.5000	63134127105	63134127110	
9/16	0.5625	63134142112	63134142103	
5/8	0.6250	63134158105	63134158111	
11/16	0.6875	63134174118	63134174102	
3/4	0.7500	63134190108	63134190114	
13/16	0.8125	63134206112	63134206117	
7/8	0.8750	63134222106	63134222112	
15/16	0.9375	63134238114	63134237102	
1	1.0000	63134254107	63134254113	
1-1/16	1.0620	63134269107	63134269114	63134269130
1-1/8	1.1250	63134285107	63134285111	63134285123
1-3/16	1.1870	63134301108	63134301112	63134301122
1-1/4	1.2500	63134317108	63134317115	
1-5/16	1.3120	63134333104	63134333106	
1-3/8	1.3750	63134349105	63134349110	
1-7/16	1.4370		63134364104	
1-1/2	1.5000	63134381107	63134381113	
1-9/16	1.5620	63134397156		
1-5/8	1.6250	63134412106	63134412110	
1-3/4	1.7500	63134444106	63134444108	
1-7/8	1.8750	63134476102		
1-15/16	1.9370		63134491111	
2	2.0000	63134508108	63134508114	



HSS COBALT ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

ID sharpened for stack drilling.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number	DOC 3 in Part Number
1/2	0.5000	63134127104		
9/16	0.5625	63134142111		
5/8	0.6250	63134158103		
3/4	0.7500	63134190107		
13/16	0.8125	63134206111	63134206116	63134206121
7/8	0.8750	63134222105		
1	1.0000	63134254129		



HSS COBALT ANNULAR CUTTER, TIN COATED WITH 3/4 STRAIGHT SHANK

Specifically designed for rail drilling. Unique design and special coating.

Dia in	Dia Decimal	DOC 1 in Part Number	DOC 2 in Part Number
7/16	0.4375	63134111116	
15/16	0.9375		63134238123
1	1.0000		63134254357
1-1/16	1.0620	63134270357	
1-1/8	1.1250		63134286357
1-1/4	1.2500	63134317128	63134318357
1-5/16	1.3120	63134333117	
1-3/8	1.3750	63134349121	
1-1/2	1.5000	63134381126	
1-5/8	1.6250	63134412119	
1-3/4	1.7500	63134444122	



CARBIDE ANNULAR CUTTER WITH QUICKIN SHANK

Maximum service life and outstanding cutting performance.

Dia mm	Dia Decimal	DOC 35 mm Part Number	DOC 75 mm Part Number
12	0.4724	63127086019	
13	0.5118	63127087013	
14	0.5512	63127088011	
15	0.5906	63127089015	
15.5	0.6102	63127238011	
16	0.6299	63127090017	
17	0.6693	63127091016	
17.5	0.6890	63127239015	
18	0.7087	63127092019	63127763010
19	0.7480	63127093013	63127764010
19.5	0.7677	63127240017	
20	0.7874	63127094011	63127765010
21	0.8268	63127095015	63127766010
22	0.8661	63127096018	63127767010
23	0.9055	63127097012	63127768010
24	0.9449	63127098010	63127769010
25	0.9843	63127099014	63127770010
26	1.0236	63127100015	63127771010
26.5	1.0433	63127241016	
27	1.0630	63127101014	63127772010
28	1.1024	63127102017	63127773010
29	1.1417	63127103011	63127774010
30	1.1811	63127104019	63127775010
31	1.2205	63127105013	
32	1.2598	63127106016	63127776010
33	1.2992	63127107010	
34	1.3386	63127108018	
35	1.3780	63127109012	63127777010
36	1.4173	63127110014	63127778010
37	1.4567	63127111013	
38	1.4961	63127112016	
39	1.5354	63127113010	
40	1.5748	63127114018	63127779010
41	1.6142	63127115012	
42	1.6535	63127116015	
43	1.6929	63127117019	
44	1.7323	63127118017	
45	1.7717	63127119011	63127780010
46	1.8110	63127120013	
47	1.8504	63127121012	
48	1.8898	63127122015	
49	1.9291	63127123019	
50	1.9685	63127124017	63127781010
51	2.0079	63127125011	
52	2.0472	63127126014	
53	2.0866	63127127018	
54	2.1260	63127128016	
55	2.1654	63127129010	63127782010
56	2.2047	63127130012	
57	2.2441	63127131011	
58	2.2835	63127132014	
59	2.3228	63127133018	
60	2.3622	63127134016	63127783010
61	2.4016	63127135010	
62	2.4409	63127136013	
63	2.4803	63127137017	
64	2.5197	63127138015	
65	2.5591	63127139019	63127784010

MAGNETIC BASE DRILLING



CARBIDE ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

Maximum service life and outstanding cutting performance.

Dia mm	Dia Decimal	DOC 35 mm Part Number	DOC 50 mm Part Number	DOC 75 mm Part Number
12	0.4724	63127714010	63127276010	
13	0.5118	63127715010	63127277010	
14	0.5512	63127716010	63127278010	
15	0.5906	63127717010	63127279010	
16	0.6299	63127718010	63127280010	
17	0.6693	63127719010	63127281010	
18	0.7087	63127720010	63127282010	63127785010
19	0.7480	63127721010	63127283010	63127786010
20	0.7874	63127722010	63127284010	63127787010
21	0.8268	63127723010	63127285010	63127788010
22	0.8661	63127724010	63127286010	63127789010
23	0.9055	63127725010	63127287010	63127790010
24	0.9449	63127726010	63127288010	63127791010
25	0.9843	63127727010	63127289010	63127792010
26	1.0236	63127728010	63127290010	63127793010
27	1.0630	63127729010	63127291010	63127794010
28	1.1024	63127730010	63127292010	63127795010
29	1.1417	63127731010	63127293010	63127796010
30	1.1811	63127732010	63127294010	63127797010
31	1.2205	63127733010	63127295010	
32	1.2598	63127734010	63127296010	63127798010
33	1.2992	63127735010	63127297010	
34	1.3386	63127736010	63127298010	
35	1.3780	63127737010	63127299010	63127799010
36	1.4173	63127738010	63127300010	63127800010
37	1.4567	63127739010	63127301010	
38	1.4961	63127740010	63127302010	
39	1.5354	63127741010	63127303010	
40	1.5748	63127742010	63127304010	63127801010
41	1.6142	63127743010	63127305010	
42	1.6535	63127744010	63127306010	
43	1.6929	63127745010	63127307010	
44	1.7323	63127746010	63127308010	
45	1.7717	63127747010	63127309010	63127802010
46	1.8110	63127748010	63127310010	
47	1.8504	63127749010	63127311010	
48	1.8898	63127750010	63127312010	
49	1.9291	63127751010	63127313010	
50	1.9685	63127752010	63127314010	63127803010
51	2.0079	63127753010	63127315010	
52	2.0472	63127754010	63127316010	
53	2.0866	63127755010	63127317010	
54	2.1260	63127756010	63127318010	
55	2.1654	63127757010	63127319010	63127804010
56	2.2047	63127758010	63127320010	
57	2.2441	63127759010	63127321010	
58	2.2835	63127760010	63127322010	
59	2.3228	63127761010	63127323010	
60	2.3622	63127762010	63127324010	63127805010
61	2.4016		63127325010	
62	2.4409		63127326010	
63	2.4803		63127327010	
64	2.5197		63127328010	
65	2.5591		63127329010	63127806010



HSS ANNULAR CUTTER WITH QUICKIN SHANK

Long service life.

Dia mm	Dia Decimal	DOC 25 mm Part Number	DOC 50 mm Part Number
12	0.4724	63133119051	63133119052
13	0.5118	63133129051	63133129052
14	0.5512	63133140051	63133140052
15	0.5906	63133150051	63133150052
16	0.6299	63133159051	63133159052
17	0.6693	63133170051	63133170052
18	0.7087	63133180051	63133180052
19	0.7480	63133189051	63133189052
20	0.7874	63133199063	63133199052
21	0.8268	63133210051	63133210052
22	0.8661	63133219051	63133219052
23	0.9055	63133229051	63133229052
24	0.9449	63133240051	63133240052
25	0.9843	63133250051	63133250052
26	1.0236	63133259051	63133259052
27	1.0630	63133270051	63133270052
28	1.1024	63133279051	63133279052
29	1.1417	63133289051	63133289052
30	1.1811	63133299051	63133299052
31	1.2205	63133309051	63133309052
32	1.2598	63133319051	63133319052
33	1.2992	63133329051	63133329052
34	1.3386	63133339051	63133339052
35	1.3780	63133350051	63133350052
36	1.4173	63133359051	63133359052
37	1.4567	63133369051	63133369052
38	1.4961	63133379051	63133379052
39	1.5354	63133389051	63133389052
40	1.5748	63133399051	63133399052
41	1.6142	63133409051	63133409052
42	1.6535	63133420051	63133420052
43	1.6929	63133429051	63133429052
44	1.7323	63133439051	63133439052
45	1.7717	63133449051	63133449052
46	1.8110	63133459051	63133459052
47	1.8504	63133469051	63133469052
48	1.8898	63133479051	63133479052
49	1.9291	63133489051	63133489052
50	1.9685	63133499051	63133499052



HSS ANNULAR CUTTER WITH 3/4 STRAIGHT SHANK

Long service life.

Dia mm	Dia Decimal	DOC 25 mm Part Number	DOC 50 mm Part Number	DOC 75 mm Part Number	DOC 100 mm Part Number	DOC 150 mm Part Number
12	0.4724	63134120051	63134120052			
13	0.5118	63134130051	63134130052			
14	0.5512	63134140051	63134140052			
15	0.5906	63134150051	63134150052			
16	0.6299	63134160051	63134160052			
17	0.6693	63134170051	63134170052			
18	0.7087	63134180051	63134180052	63134180003		
19	0.7480	63134190051	63134190052	63134190053		
20	0.7874	63134200051	63134200052	63134200053		
21	0.8268	63134210051	63134210052	63134210053		
21.5	0.8460		63134215002			
22	0.8661	63134220051	63134220052	63134220053		
23	0.9055	63134230051	63134230052	63134230053		
24	0.9449	63134240051	63134240052	63134240053		
25	0.9843	63134250051	63134250052	63134250053		63134249006
26	1.0236	63134260051	63134260052	63134260053		
27	1.0630	63134270051	63134270052	63134270053		
28	1.1024	63134280051	63134280052	63134280053		
29	1.1417	63134290051	63134290052	63134290053		63134289006
29.5	1.1610		63134295002			
30	1.1811	63134300051	63134300052	63134300053	63134299004	
31	1.2205	63134310051	63134310052		63134309004	
32	1.2598	63134320051	63134320052	63134320053	63134319004	
33	1.2992	63134330051	63134330052			
34	1.3386	63134340051	63134340052			
35	1.3780	63134350051	63134350052	63134350053	63134350004	63134350006
36	1.4173	63134360051	63134360052	63134360053	63134359004	
37	1.4567	63134370051	63134370052	63134370053		
37.5	1.4764		63134375002			
38	1.4961	63134380051	63134380052		63134379004	
39	1.5354	63134390051	63134390052			
40	1.5748	63134400051	63134400052	63134400053	63134399004	
41	1.6142	63134410051	63134410052	63134409003		
42	1.6535	63134420051	63134420052		63134420004	
43	1.6929	63134430051	63134430052	63134429003		
44	1.7323	63134440051	63134440052		63134439004	63134439006
45	1.7717	63134450051	63134450052	63134450053		63134449006
46	1.8110	63134460051	63134460052			63134459006
47	1.8504	63134470051	63134470052			
48	1.8898	63134480051	63134480052	63134480053	63134479004	
49	1.9291	63134490051	63134490052			
50	1.9685	63134500051	63134500052	63134500053	63134499004	63134499006
51	2.0079	63134510051	63134510052	63134510003	63134509004	
52	2.0472	63134520051	63134520052		63134519004	
53	2.0866	63134530051	63134530052			
54	2.1260	63134540051	63134540052			
55	2.1654	63134550051	63134550052	63134550053	63134549004	
56	2.2047	63134560051	63134560052	63134560003	63134559004	
57	2.2441	63134570051	63134570052			
58	2.2835	63134580051	63134580052		63134579004	
59	2.3228	63134590051	63134590052			
60	2.3622	63134600051	63134600052	63134600053		
61	2.4016	63134610001				
63	2.4803	63134630001				
64	2.5197		63134640101			
65	2.5591			63134649003		
66	2.5984		63134660002			63134659006
70	2.7559	63134699001		63134700053		
72	2.8346	63134719001	63134720002			
73	2.8740	63134730001				
74	2.9133	63134740001				
75	2.9527	63134750001	63134750002	63134750003		
76	2.9921	63134759001				
77	3.0314		63134770014			
78	3.0708		63134780014			
80	3.1496	63134800013	63134800014			
82	3.2283		63134820014			
85	3.3464			63134849015		
86	3.3858		63134860014			
90	3.5433		63134900014			
94	3.7007		63134940014			
98	3.8582		63134979014			



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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.

CORDLESS SCREW GUNS, DRILLS – WHICH TOOL IS RIGHT FOR YOUR APPLICATION?

FEIN offers the right power tool for your application for drilling and screwing in metal: from the drill stand to the special tool. You always work cost-effectively, whether you complete the tasks every day or only once a week.



POWER DRILLS



- ▶ Rapid work progress: You can work more economically using the right speed for the respective drill diameter.
- ▶ Extremely precise results thanks to high concentricity.
- ▶ For a secure fit of the drill bit.
- ▶ Best ergonomics and ease of use for fatigue-free work, even over several hours.
- ▶ Flexible use: can also be used in the drill jig.



ANGLE DRILL



- ▶ Extremely small angle drill for working in difficult-to-reach locations.
- ▶ Rapid work progress
- ▶ Extremely precise results thanks to high concentricity.
- ▶ Best ergonomics and ease of use for fatigue-free work, even over several hours.



TAPPERS



- ▶ Fast tapping for significant time and cost savings thanks to reversing gear and rapid return action.
- ▶ Tapered mount on the tapping chuck and interlocking holder for the tapered mount for precise tapping with the best possible results.
- ▶ Best ergonomics and ease of use for fatigue-free work, even over several hours.



DRILL/DRIVERS



- ▶ Universal use across metal processing tasks.
- ▶ High speeds with optimum cutting speeds enable fast and precise drilling in metal.
- ▶ Quickly change between applications: Drilling, tapping and screwing with QuickIN accessories.
- ▶ Brushless FEIN PowerDrive motor: Maximum service life (completely dust-protected) and 30 % higher efficiency.



IMPACT WRENCHES



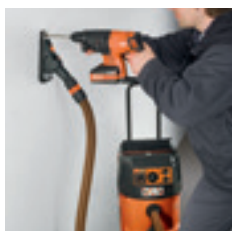
- Powerful and controllable: Depending on the screw size, the torque can be adjusted to the desired tightening torque.
- Unscrew difficult, stuck screws using 10 % higher torque in reverse mode.
- For screw sizes M5 to M18.



TEK SCREWDRIVERS



- Outstanding ergonomics.
- Rapid work progress: Optimal speeds for processing self-drilling screws.
- No overheating of the bit.
- High processing quality: Sealing washers sit perfectly thanks to high switch-off repeat accuracy with depth stop. This helps to prevent corrosion damage.



HAMMER DRILL



- High cutting speed thanks to a brushless motor with high impact energy.
- Work without getting tired, thanks to the compact design and low vibration.
- Protection of the user and the tool through the safety coupling and overload protection.

POWER DRILLS



BOP 10

Compact and powerful single-speed power drill with 3/8 in capacity in steel, for installation work on site.

BOP 10-2

Universal two-speed power drill with 3/8 in [10 mm] capacity and ideal speed ranges for steel and stainless steel.

BOP 13-2

Universal two speed power drill with 1/2 in [13 mm] capacity and ideal speed range for steel and stainless steel.

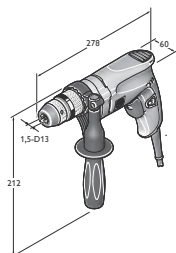
	Page	146	147	147
Application	Twist drilling	▲▲	▲▲	▲▲
	Tapping	▲	▲▲	▲▲
	Hole sawing in sheet metal			
	Countersinking	▲	▲▲	▲▲
Features	Reaming			
	Reversible	●	●	●
	Electronic start	●	●	●
	Torque slip clutch			
Technical specifications	Speed preselection			
	Power consumption	W	500	500
	Power output	W	270	270
	Battery voltage	V		300
	Battery compatibility			
	Battery interface			
	Full load speed	rpm	0 - 900	0 - 460 / 0 - 1,350
	No load speed	rpm	0 - 1,500	0 - 700 / 0 - 2,250
	Full load torque	in/lbs [Nm]	80 [9]	177 [20] / 62 [7]
	No load torque	in/lbs [Nm]	212 [24]	443 [50] / 142 [16]
	Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]	1/16 [1.5] - 1/2 [13]
	Capacity in steel Ø	in [mm]	13/32 [10]	13/32 [10]
	Capacity in stainless steel Ø	in [mm]	1/2 [10]	1/2 [13]
	Capacity in light alloy Ø	in [mm]	1/2 [15]	3/4 [16]
	Capacity in wood Ø	in [mm]	1-3/16 [30]	1-15/32 [37]
	Hole-dia, steel hole saws	in [mm]		
	Tapping	M 6	M 10	M 10
	Max. countersinking dia.	mm		
	Drill shaft thread	1/2 in-20 UNF	1/2 in-20 UNF	1/2 in-20 UNF
	Clamping neck	in [mm]	1-3/4 [43]	1-3/4 [43]
	Minimum clearance	in [mm]	7/8 [23]	7/8 [23]
	Cable with plug	ft [m]	16 [5]	16 [5]
	Weight according to EPTA	lbs [kg]	3.97 [1.80]	4.41 [2.00]
	Weight without battery	lbs [kg]		

▲▲ very well-suited

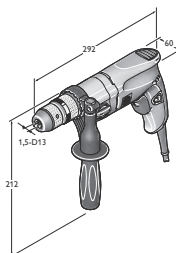
▲ suitable

● included

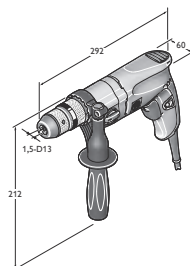
** Torque slip clutch.



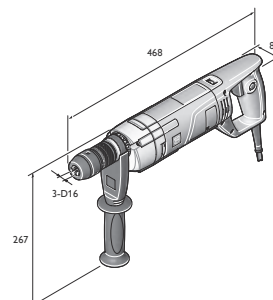
BOP 10



BOP 10-2



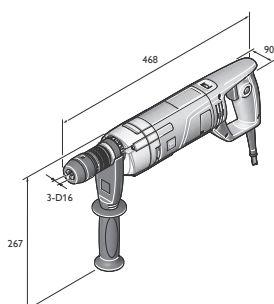
BOP 13-2



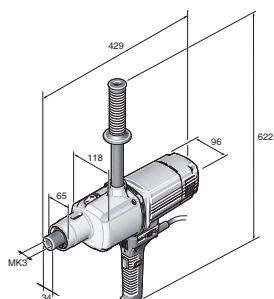
BOS 16



BOS 16	BOS 16-2	BOZ 32-4 M
High-performance drill with speed adjustment for flexible operation in metal construction.	High-performance 2-speed drill with speed adjustment for flexible operation in metal construction.	Universal 4-speed drill with forward and reverse running, speed adjustment and MK3 tool mounting for heavy drilling work.
148	149	149
▲▲	▲▲	▲▲
▲▲	▲▲	▲▲
▲	▲	▲
▲▲	▲▲	▲▲
▲	▲	▲▲
●	●	●
●	●	●
●	●	●
●	●	●
1,200	1,200	1,800
680	680	1,100
0 - 520	0 - 520 / 0 - 1,600	
0 - 520	0 - 520 / 0 - 1,600	
443 [50]	443 [50] / 142 [16]	664 [75] / 425 [48] / 301 [34] / 195 [22]
443 [50] **	443 [50] / 142 [16] **	664 [75] / 425 [48] / 301 [34] / 195 [22] **
1/8 [3] - 5/8 [16]	1/8 [3] - 5/8 [16]	
5/8 [16]	5/8 [16]	1-1/4 [32]
3/4 [16]	3/4 [16]	3/4 [20]
3/4 [20]	3/4 [20]	2-1/4 [60]
1-31/32 [50]	1-31/32 [50]	2-3/4 [70]
3-1/4 [80]	3-1/4 [80]	
M 12	M 12	M 24
31	31	50
1/2 in-20 UNF	1/2 in-20 UNF	
1-3/4 [43]	1-3/4 [43]	2-1/2 [65]
1-1/16 [27]	1-1/16 [27]	1-1/2 [38]
13 [4]	13 [4]	10 [3.15]
7.72 [3.50]	8.16 [3.70]	16.53 [7.50]



BOS 16-2



BOZ 32-4 M

DRILLING MACHINE BOP



Precise and sensitive drilling

Drill with extreme precision in the sensitive hold: In the direct drilling axis, you attain not only optimum concentricity, but also high cutting speed.



For many applications

Using the mechanical two-speed gearbox, you always select the right speed for your drilling application.



Tapping

Tapping requires especially high power output. That is why FEIN drills are equipped with a lasting high energy level and forward/reverse mode.

BOP 10



For accessories, see page 150

Price includes

1 SUPRA SKE single-collar, metal fast-acting
3-jaw chuck, 1 handle

Compact and powerful single-speed power drill with 3/8 in capacity in steel, for installation work on site.

Power consumption	W	500
Power output	W	270
Full load speed	rpm	0 - 900
No load speed	rpm	0 - 1,500
Full load torque	in/lbs [Nm]	80 [9]
No load torque	in/lbs [Nm]	212 [24]
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Capacity in steel Ø	in [mm]	13/32 [10]
Capacity in stainless steel Ø	in [mm]	1/2 [10]
Capacity in light alloy Ø	in [mm]	1/2 [15]
Capacity in wood Ø	in [mm]	1-3/16 [30]
Tapping		M 6
Drill shaft thread		1/2 in-20 UNF
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	7/8 [23]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 205 53 60 09 0
EAN	4014586882482

BENEFITS OF APPLICATION

- Flat, slim design requiring little clearance in corners, for installation work, even in tight locations and in corners.
- FEIN high performance motor with excellent speed stability for steady drilling progress in practically every application.
- Torsion-free, barrel-type motor housing with metal gear head for superb service life.

PRODUCT FEATURES

- Reversible.
- Precision metal 3-jaw chuck.
- High concentricity.
- Retracting chuck jaws.
- FEIN Sensitive Handle.
- Electronic start.
- 16 ft. [5 m] cable.
- 1-11/16 [43] in [mm] collar diameter for use in drill jigs.

BOP 10-2



For accessories, see page 150

Price includes

1 SUPRA SKE single-collar, metal fast-acting
3-jaw chuck, 1 handle

Universal two-speed power drill with 3/8 in [10 mm] capacity and ideal speed ranges for steel and stainless steel.

Power consumption	W	500
Power output	W	270
Full load speed	rpm	0 - 460 / 0 - 1,350
No load speed	rpm	0 - 700 / 0 - 2,250
Full load torque	in/lbs [Nm]	177 [20] / 62 [7]
No load torque	in/lbs [Nm]	443 [50] / 142 [16]
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Capacity in steel Ø	in [mm]	13/32 [10]
Capacity in stainless steel Ø	in [mm]	1/2 [10]
Capacity in light alloy Ø	in [mm]	3/4 [16]
Capacity in wood Ø	in [mm]	1-3/8 [35]
Tapping		M 10
Drill shaft thread		1/2 in-20 UNF
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	7/8 [23]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	4.41 [2.00]

Part Number	7 205 54 60 09 0
EAN	4014586882536

BENEFITS OF APPLICATION

- Mechanical 2-speed gearbox with optimum speed adjustment for a wide range of uses.
- FEIN high performance motor with excellent speed stability for steady drilling progress in practically every application.
- Torsion-free, barrel-type motor housing with metal gear head for superb service life.

PRODUCT FEATURES

- Reversible.
- Precision metal 3-jaw chuck.
- High concentricity.
- Retracting chuck jaws.
- FEIN Sensitive Handle.
- Electronic start.
- 16 ft. [5 m] cable.
- 1-11/16 [43] in [mm] collar diameter for use in drill jigs.

BOP 13-2



For accessories, see page 150

Price includes

1 SUPRA SKE single-collar, metal fast-acting
3-jaw chuck, 1 handle

Power consumption	W	550
Power output	W	300
Full load speed	rpm	0 - 440 / 0 - 1,300
No load speed	rpm	0 - 680 / 0 - 2,200
Full load torque	in/lbs [Nm]	177 [20] / 62 [7]
No load torque	in/lbs [Nm]	443 [50] / 142 [16]
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in stainless steel Ø	in [mm]	1/2 [13]
Capacity in light alloy Ø	in [mm]	3/4 [16]
Capacity in wood Ø	in [mm]	1-15/32 [37]
Tapping		M 10
Drill shaft thread		1/2 in-20 UNF
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	7/8 [23]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	4.41 [2.00]

Part Number	7 205 55 60 09 0
EAN	4014586882581

BENEFITS OF APPLICATION

- Mechanical 2-speed gearbox with optimum speed adjustment for a wide range of uses.
- FEIN high performance motor with excellent speed stability for steady drilling progress in practically every application.
- Torsion-free, barrel-type motor housing with metal gear head for superb service life.

PRODUCT FEATURES

- Reversible.
- Precision metal 3-jaw chuck.
- High concentricity.
- Retracting chuck jaws.
- FEIN Sensitive Handle.
- Electronic start.
- 16 ft. [5 m] cable.
- 1-11/16 [43] in [mm] collar diameter for use in drill jigs.

DRILLING MACHINE BOS / DSK 672



For large drill bits

Economically efficient work even with large drilling diameters: A mechanical two-speed gearbox provides the optimum speed for your drilling task (BOS 16-2).



Powerful in the direct drilling axis

Drilling machines with a cross handle enable high clamping force in the feed direction.

BOS 16

High-performance drill with speed adjustment for flexible operation in metal construction.



For accessories, see page 150

Price includes

1 SUPRA SKE single-collar, metal fast-acting
3-jaw chuck, 1 handle

Power consumption	W	1,200
Power output	W	680
Full load speed	rpm	0 - 520
No load speed	rpm	0 - 520
Full load torque	in/lbs [Nm]	443 [50]
No load torque	in/lbs [Nm]	443 [50] **
Chuck capacity	in [mm]	1/8 [3] - 5/8 [16]
Capacity in steel Ø	in [mm]	5/8 [16]
Capacity in stainless steel Ø	in [mm]	3/4 [16]
Capacity in light alloy Ø	in [mm]	3/4 [20]
Capacity in wood Ø	in [mm]	1-31/32 [50]
Hole-dia, steel hole saws	in [mm]	3-1/4 [80]
Tapping		M 12
Max. countersinking dia.	in [mm]	1-1/4 [31]
Drill shaft thread		1/2 in-20 UNF
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	1-1/16 [27]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	7.72 [3.50]

Part Number	7 205 47 60 09 0
EAN	4014586874470

BENEFITS OF APPLICATION

- ▶ Optimum speed for larger diameters and therefore increased productivity through greater machine efficiency.
- ▶ FEIN high performance motor with excellent speed stability for steady drilling progress in practically every application.
- ▶ Torsion-free, barrel-type motor housing with metal gear head for superb service life.

PRODUCT FEATURES

- ▶ Forward/reverse running and electronic speed preselection.
- ▶ Speed-controlled tachometer electronics.
- ▶ Precision metal 3-jaw chuck.
- ▶ High concentricity.
- ▶ Retracting chuck jaws.
- ▶ Spade handle for optimal power transfer.
- ▶ Electronic start.
- ▶ 1-11/16 [43] in [mm] collar diameter for use in drill jigs.
- ▶ ** Torque slip clutch.

BOS 16-2



For accessories, see page 150

Price includes

1 SUPRA SKE single-collar, metal fast-acting
3-jaw chuck, 1 handle

High-performance 2-speed drill with speed adjustment for flexible operation in metal construction.

Power consumption	W	1,200
Power output	W	680
Full load speed	rpm	0 - 520 / 0 - 1,600
No load speed	rpm	0 - 520 / 0 - 1,600
Full load torque	in/lbs [Nm]	443 [50] / 142 [16]
No load torque	in/lbs [Nm]	443 [50] / 142 [16] **
Chuck capacity	in [mm]	1/8 [3] - 5/8 [16]
Capacity in steel Ø	in [mm]	5/8 [16]
Capacity in stainless steel Ø	in [mm]	3/4 [16]
Capacity in light alloy Ø	in [mm]	3/4 [20]
Capacity in wood Ø	in [mm]	1-31/32 [50]
Hole-dia, steel hole saws	in [mm]	3-1/4 [80]
Tapping		M 12
Max. countersinking dia.	in [mm]	1-1/4 [31]
Drill shaft thread		1/2 in-20 UNF
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	1-1/16 [27]
Cable with plug	ft [m]	13 [4]
Weight according to EPTA	lbs [kg]	8.16 [3.70]

BENEFITS OF APPLICATION

- Mechanical 2-speed gearbox with optimum speed adjustment for a wide range of uses.
- FEIN high performance motor with excellent speed stability for steady drilling progress in practically every application.
- Torsion-free, barrel-type motor housing with metal gear head for superb service life.

PRODUCT FEATURES

- Reversible.
- Speed-controlled tacho electronics.
- Precision metal 3-jaw chuck.
- High concentricity.
- Retracting chuck jaws.
- Spade handle for optimal power transfer.
- Electronic start.
- 1-11/16 [43] in [mm] collar diameter for use in drill jigs.
- ** Torque slip clutch.

Part Number	7 205 49 60 09 0
EAN	4014586876863

BOZ 32-4 M



For accessories, see page 150

Price includes

1 handle, 1 drift

Universal 4-speed drill with forward and reverse running, speed adjustment and MK3 tool mounting for heavy drilling work.

Power consumption	W	1,800
Power output	W	1,100
Load speed: 1st gear	rpm	60 - 140
Load speed: 2nd gear	rpm	95 - 220
Load speed: 3rd gear	rpm	135 - 310
Load speed: 4th gear	rpm	210 - 480
Full load torque	in/lbs [Nm]	664 [75] / 425 [48] / 301 [34] / 195 [22]
No-load speed: 1st gear	rpm	60 - 140
No-load speed: 2nd gear	rpm	95 - 220
No-load speed: 3rd gear	rpm	135 - 310
No-load speed: 4th gear	rpm	210 - 480
No load torque	in/lbs [Nm]	664 [75] / 425 [48] / 301 [34] / 195 [22] **
Capacity in steel Ø	in [mm]	1-1/4 [32]
Capacity in stainless steel Ø	in [mm]	3/4 [20]
Capacity in light alloy Ø	in [mm]	2-1/4 [60]
Capacity in wood Ø	in [mm]	2-3/4 [70]
Tapping		M 24
Max. countersinking dia.	in [mm]	1-15/16 [50]
Clamping neck	in [mm]	2-1/2 [65]
Minimum clearance	in [mm]	1-1/2 [38]
Cable with plug	ft [m]	10 [3.15]
Weight according to EPTA	lbs [kg]	16.53 [7.50]

BENEFITS OF APPLICATION

- FEIN 1,800 W high-performance motor and mechanical 4-speed gearbox for high torque during tough work.
- Machine with forward/reverse running and electronic speed reduction for all drilling work such as spiral drilling, tapping, countersinking and grinding.
- Extremely resilient design for tough work thanks to highest quality material and workmanship.

PRODUCT FEATURES

- MT3 tool mounting.
- Electronic torque-controlled shut-off
- Speed-controlled tacho electronics.
- Able to handle extreme loads.
- Metal gear head.
- T-handle.
- For optimum use on FEIN magnetic drill jigs.
- Wide range of accessories.
- ** Torque slip clutch.

Part Number	7 202 51 60 00 0
EAN	4014586889849

BOP 10, BOP 10-2, BOP 13-2 ACCESSORIES



Tool Case
With case insert and plastic box
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[470 x 275 x 116 mm]

Part Number
3 39 01 118 48 0



Quick-action keyless chuck
Metal SUPRA SKE quick-action
keyless chuck with clamping force
safety device, threaded for
1/2 in - 20 UNF shaft

Capacity mm	Part Number
0.5 - 10	6 32 05 036 01 0



Quick-action keyless chuck
Metal SUPRA SKE quick-action
keyless chuck with clamping force
safety device, threaded for
1/2 in - 20 UNF shaft

Capacity mm	Part Number
1.5-13	6 32 05 035 01 0

Spanner SW17

Part Number
6 29 03 002 00 9

Suspension device
For use with balancer
Vertical

Part Number
3 02 32 046 00 8



Suspension device
For use with balancer
horizontal and vertical

Part Number
3 21 25 050 00 7



Depth stop.

Part Number
3 21 27 005 00 6

Safety housing
For protecting the work surface
from mechanical damage

Model	Part Number
BOP 10	3 14 20 131 01 0
BOP 10-2/13-2	3 14 20 132 01 0

BOS 16, BOS 16-2 ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[470 x 275 x 116 mm]

Part Number
3 39 01 118 01 0



Quick-action keyless chuck
Metal SUPRA SKE quick-action
keyless chuck with clamping force
safety device, threaded for
1/2 in - 20 UNF shaft

Capacity in [mm]	Weight lbs	Part Number
1/8 [3] - 5/8 [16]	0.56	6 32 05 038 01 0

Quick-action keyless chuck
Drill chuck holder 1/2 in - 20 UNF
Form R tip

Capacity mm	Weight lbs	Part Number
1-13	0.54	6 32 05 033 01 0



3-jaw drill chuck
Drill chuck holder 1/2 in - 20 UNF

Capacity mm	Weight lbs	Part Number
1-10	0.30	6 32 03 034 01 0
1.5-13	0.38	6 32 03 041 01 4

BOZ 32-4 M, DSKE 672, DDSK 671-1, DDSK 672 ACCESSORIES



Tool Case
Metal 15-3/4 x 15-3/4 x 5-1/8 in
[400 x 400 x 130 mm]

Part Number
3 39 01 032 01 3



Quick-action keyless chuck
Drill chuck holder B 16
Form R tip

Capacity mm	Weight lbs	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 keyless chuck
Drill chuck holder B 16
R-shaped tip with clamping-force
safety device

Capacity in [mm]	Weight lbs	Part Number
3/64 [1] - 1/2 [13]	0.56	6 32 04 032 00 6



3-jaw drill chuck
Drill chuck holder B 16

Capacity in [mm]	Weight lbs	Part Number
1/16 [1.5] - 1/2 [13]	0.41	6 32 02 030 01 5
3-16	0.64	6 32 02 037 01 0



Drill chuck cone
For drilling machines with morse
taper.

Drill chuck holder	Part Number
MT 3/B 16	6 33 01 012 00 5
MT 3/B 22	6 33 01 014 00 7



Shaft extension
Especially for countersinking

Drill chuck holder	Part Number
MT 3/MT 4	6 33 04 004 00 0



Reducing arbor
Especially for countersinking

Part Number
6 33 02 003 00 4



Drift

Drill chuck holder	Length in [mm]	Part Number
MT 1/MT 2	5-1/2 [140]	6 33 05 003 00 3
MT 3/MT 4	7-1/2 [190]	6 33 05 004 00 1

ANGLE DRILLS



High Precision

Highest quality angle drill with high concentricity for precise drilling results.

Problem-solver for tight spots

The especially flat (3-3/4 [96] in [mm] gearbox head height) and slim (11/16 [17] in [mm] width across corners) machine is a specialist in hard-to-access locations.

WBP 10

Extremely small angle drill for working in difficult-to-reach locations.



For accessories, see page 152

Price includes

1 key-type chuck up to Ø 3/8 in,
1 chuck key

Power consumption	W	500
Power output	W	270
Full load speed	rpm	0 - 1,030
No load speed	rpm	0 - 1,830
Full load torque	in/lbs [Nm]	71 [8]
No load torque	in/lbs [Nm]	186 [21]
Chuck capacity	in [mm]	1/16 [0.8] - 3/8 [10]
Capacity in steel Ø	in [mm]	13/32 [10]
Capacity in stainless steel Ø	in [mm]	1/2 [10]
Capacity in light alloy Ø	in [mm]	1/2 [15]
Capacity in wood Ø	in [mm]	31/32 [25]
Tapping		M 6
Cone at drill shaft		B 10
Minimum clearance	in [mm]	11/16 [17]
Drive head height	in [mm]	3-3/4 [96]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.31 [1.50]

Part Number	7 205 51 60 00 0
EAN	4014586878843

BENEFITS OF APPLICATION

- FEIN high performance motor with excellent speed stability for steady drilling progress in practically every application.
- Flat and slim construction with 11/16 in [17 mm] width across corners and 3-3/4 in [96 mm] drive head height for work in tight spots and corners.
- Flexible, universal use due to forward and reverse rotation for thread tapping up to 1/4 in [M6].

PRODUCT FEATURES

- Metal gear head.
- Conical holder for drill shaft.
- Precision metal 3-jaw chuck.
- High concentricity.
- Torsion-free, barrel-type motor housing.
- FEIN Sensitive Handle.
- 16 ft. [5 m] cable.

GENERAL ACCESSORIES



3-jaw drill chuck
Drill chuck holder B 10

Capacity mm	Weight lbs	Part Number
0.8-10	0.22	6 32 02 044 01 8
0.5-8	0.14	6 32 02 043 01 0

AWBP 10 ACCESSORIES



Tool Case
With case insert and plastic box

Part Number
3 39 01 131 94 0

WBP 10 ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number
3 39 01 119 00 0

TAPPERS

**Short cycle times**

Save time during production: The reversing gear automatically reverses the direction of rotation when backing out of the threaded hole. Rapid return action with 670 rpm shortens your cycle times.

**High Precision**

The thread taper is held perfectly on its square thanks to the collet.

AGWP 10 SELECT



For accessories, see page 155

Price includes

1 handle, 1 tool case, delivery scope without tapping chuck.

Fast, precise taper with reversing gear for faster results.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-Ions
Battery interface		18 V
No-load speed in reverse	rpm	0 - 760
Load speed when cutting	rpm	0 - 440
Load speed in reverse	rpm	0 - 670
Full load torque	in/lbs [Nm]	230 [26]
No load torque	in/lbs [Nm]	363 [41]
Thread in steel up to		M 10
Thread in stainless steel		M 10
Cone at drill shaft		B 12
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	7/8 [23]
Weight without battery	lbs [kg]	2.87 [1.30]

Part Number	7 109 01 62 09 0
EAN	4014586885544

BENEFITS OF APPLICATION

- Exceptional speed thanks to reversing gear for automatic rotation reversal when withdrawing the drill spindle from the threaded hole. Fast, 670 rpm return for shorter cycle times.
- Outstanding precision due to a tight connection of drill shaft and tapping chuck using a B12 tapered mount for high accuracy. Accurate taper mounting in the tapping chuck for best work results.
- FEIN ergonomic grip applies the feed pressure directly along the tapping axis with the guiding hand ideally positioned.

PRODUCT FEATURES

- Fully encapsulated and dustproof brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- Metal gear head.
- Width across corners only 29/32 in (23 mm).
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

GWP 10



For accessories, see page 155

Price includes

1 handle, delivery scope without tapping chuck.

Fast, precise tapper with reversing gear for shorter working times.

Power consumption	W	450
Power output	W	250
No-load speed in reverse	rpm	0 - 1,000
Load speed when cutting	rpm	0 - 450
Load speed in reverse	rpm	0 - 680
Full load torque	in/lbs [Nm]	186 [21]
No load torque	in/lbs [Nm]	469 [53]
Thread in steel up to		M 10
Thread in stainless steel		M 10
Cone at drill shaft		B 12
Clamping neck	in [mm]	1-3/4 [43]
Minimum clearance	in [mm]	7/8 [23]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.53 [1.60]

Part Number	7 209 38 60 09 0
EAN	4014586881263

BENEFITS OF APPLICATION

- Exceptional speed due to reversing gear for automatic rotation reversal when withdrawing the drill spindle from the threaded hole. Fast, 680 rpm return for shorter cycle times.
- Outstanding precision due to a tight connection of drill shaft and tapping chuck using a B12 tapered mount for high accuracy. Accurate tapper mounting in the tapping chuck for best work results.
- FEIN ergonomic grip applies the feed pressure directly along the tapping axis with the guiding hand ideally positioned.

PRODUCT FEATURES

- FEIN stable speed high-performance motor.
- Width across corners only 29/32 in (23 mm).
- Metal gear head.
- Torsion-free, barrel-type motor housing.



GENERAL ACCESSORIES

**Rapid charger ALG 80**

For all FEIN Li-ion storage batteries. Charging times: Li-ion storage battery 18V / 3 Ah: 26 min. (80% of the max. capacity). Li-ion storage battery 18V / 6 Ah: 38 min. (80% of the max. capacitance).

Part Number

9 26 04 188 01 0

**Rapid charger ALG 50**

For all FEIN Li-ion batteries. Charging time 35 min. or more.

Part Number

9 26 04 131 01 0

**Rechargeable battery**

Li-ion battery with charge indicator and FEIN SafetyCell technology. Protects the battery and the tool from overloading, overheating and deep discharge. Can be used with all FEIN 18 V cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0

**Cordless starter set**

Durable, lightweight 18 V Li-ion-batteries with innovative SafetyCell technology, 5 Ah capacity and charge indicator.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

**Tool Case**

With case insert and plastic box. Plastic, interior dimensions: 18-1/2 x 12-1/4 x 5-1/4 in [470 x 275 x 116 mm]

Part Number

3 39 01 131 08 0

**Collet chuck**

with collets 3.5/4.5/6 mm

Part Number

6 32 06 063 01 2

**Floating collet chucks**

with collets 3.5/4.5/6 mm

Part Number

6 32 06 076 02 2

**Collets**

For collets and floating collet chucks and tapping adapters. M2 (DIN 352, DIN 371), M4 (DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
1/8 [2.8]	2.1	6 32 06 077 00 1

**Collets**

For collets and floating collet chucks and tapping adapters. M3 (DIN 352, DIN 371), M5 (DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
1/8 [3.5]	2.7	6 32 06 064 00 1

**Collets**

For collets and floating collet chucks and tapping adapters. M4 (DIN 352, DIN 371), M6 (DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
3/16 [4.5]	3.4	6 32 06 065 00 5

**Collets**

For collets 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)

Dia. in [mm]	Square mm	Part Number
1/4 [6]	4.9	6 32 06 066 00 8

**Collets**

For collets and floating collet chucks and tapping adapters. M7 (DIN 371), M9 (DIN 352) M10 (DIN 352, DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
9/32 [7]	5.5	6 32 06 070 00 6

**Collets**

For collets and floating collet chucks and tapping adapters. M8 (DIN 371), M11 (DIN 352)

Dia. in [mm]	Square mm	Part Number
5/16 [8]	6.2	6 32 06 078 00 9

**Collets**

For collets and floating collet chucks and tapping adapters. M10 (DIN 371)

Dia. in [mm]	Square mm	Part Number
13/32 [10]	8	6 32 06 079 00 3

**Collets**

For collets and floating collet chucks and tapping adapters. M12 (DIN 357, DIN 371, DIN 376)

Dia. in [mm]	Square mm	Part Number
11/32 [9]	7	6 32 06 075 00 4

**Jaw chuck**

For tapping drill direct adaptor clamping range 1/16 - 5/16 in [2.0 - 8.1 mm], with wrench

Part Number

6 32 06 019 00 9

**Floating jaw chuck**

For tapping drill direct adaptor clamping range 1/16 - 5/16 in [2.0 - 8.1 mm], with wrench

Part Number

6 32 06 041 00 8

**Drifts**

For drill chuck, 2 Pack

Drill chuck holder	Length in [mm]	Part Number
B 12	5 [125]	6 33 05 009 01 3

**Depth stop.**

Part Number

3 21 27 005 00 6

**Cutting paste**

Lubricant for working on sheet metal.

Part Number

3 21 32 020 12 9

GWP 10 ACCESSORIES

**Suspension device**

For use with balancer horizontal and vertical

Part Number

3 21 25 050 00 7

DRILL/DRIVERS



ASCM 18 QM

4-Speed cordless drill/driver with brushless motor and QuickIN MAX interface. Uncompromising power for drilling and tapping up to 1/2 [12] in [mm] and drilling with carbide hole saws.



ASCM 12 QC

4-speed cordless drill/driver with brushless motor and QuickIN interface. Ideal for drilling and tapping up to 3/8 [8] in [mm].



ASB 18 QC

2-speed cordless drill/driver with brushless motor and QuickIN interface. Ideal for drilling up to 3/8 [10] in [mm] in metal, stone and masonry.

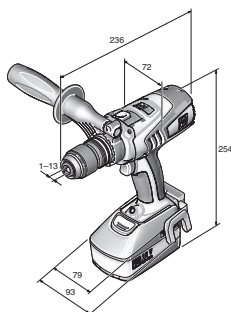


ABSU 12 C

2-speed cordless drill/driver with solid metal chuck. Perfect for universal drilling and screw driving up to 1/4 [6] in [mm].

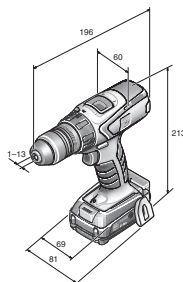
	Page	157	158	160	161	
Features	Removable drill chuck	•	•	•		
	Electronic torque-controlled shut-off	•				
Technical specifications	Battery voltage	V	18	12	18	
	Battery capacity	Ah	6	3	3	
	Battery compatibility	Li-ion / HighPower Li-ions	Li-ion	Li-ion / HighPower Li-ions	Li-ion	
	Battery interface	18 V	12 V	MultiVolt	12 V	
	Motor	brushless	brushless	brushless	2-pole dc	
	Gearbox	4-speed	4-speed	2-speed	2-speed	
	Accessory interface	QuickIN MAX	QuickIN	QuickIN		
	No load speed	rpm	400 / 800 / 1,950 / 3,850	400 / 700 / 1,400 / 2,500	450 / 2,000	400 / 1,300
	Blows per minute	rpm			7,360 / 32,000	
	Max. torque (hard/soft)	in/lbs [Nm]	797 [90] / 398 [45]	354 [40] / 177 [20]	531 [60] / 283 [32]	177 [20] / 124 [14]
	Torque steps		15 + 1	20 + 1	22 + 1	17 + 1
	Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]	1/16 [1.5] - 1/2 [13]	1/16 [1.5] - 1/2 [13]	1/16 [1] - 3/8 [10]
	Fastening	in [mm]	3/8 [10] x 15-3/4 [400]	3/8 [8] x 7-7/8 [200]	3/8 [8] x 11-3/4 [300]	1/4 [6] x 7-7/8 [200]
	Capacity in steel Ø	in [mm]	31/32 [25]	1/2 [13]	1/2 [13]	13/32 [10]
	Capacity in wood Ø	in [mm]	1-31/32 [50]	1-9/16 [40]	1-31/32 [50]	1-3/16 [30]
	Capacity in stone Ø	in [mm]			1/2 [13]	
	Tapping		M 12	M 8	M 10	M 6
	Weight incl. battery	lbs [kg]	4.85 [2.20]	2.87 [1.30]	3.97 [1.80]	2.65 [1.20]
	Weight without battery	lbs [kg]	3.31 [1.50]	2.43 [1.10]	2.87 [1.30]	2.20 [1.00]

• included

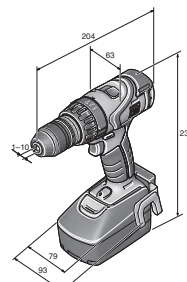


ASCM 18 QM

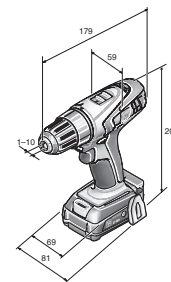
156



ASCM 12 QC



ASB 18 QC



ABSU 12 C

4-SPEED CORDLESS DRILL/DRIVER



Long service life

The brushless FEIN PowerDrive motors feature an outstanding long service life. The 30 % higher efficiency preserves the battery and ensures longer battery life.



Quickly change accessories

The FEIN QuickIN interface and matching accessories let you change easily between drilling, tapping and screwing applications. As a result, you can finish your work more quickly and with greater precision.



4-speed gearbox

The 4-speed gearbox offers optimal cutting speeds for precise drilling results and simultaneously increases the service life of your drills.

ASCM 18 QM



For accessories, see page 162

Price includes

1 cordless drill/driver, 2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 QuickIN drill chuck 1,062 [120] in/lbs [Nm], 1 belt clip, 1 bit garage, 1 handle, 1 tool case

4-Speed cordless drill/driver with brushless motor and QuickIN MAX interface. Uncompromising power for drilling and tapping up to 1/2 [12] in [mm] and drilling with carbide hole saws.

Battery voltage	V	18
Battery capacity	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		18 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN MAX
No load speed	rpm	400 / 800 / 1,950 / 3,850
Max. torque (hard/soft)	in/lbs [Nm]	797 [90] / 398 [45]
Torque steps		15 + 1
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Fastening	in [mm]	3/8 [10] x 15-3/4 [400]
Capacity in steel Ø	in [mm]	31/32 [25]
Capacity in wood Ø	in [mm]	1-31/32 [50]
Tapping		M 12
Weight incl. battery	lbs [kg]	4.85 [2.20]
Weight without battery	lbs [kg]	3.31 [1.50]

Part Number	7 116 11 61 09 0
EAN	4014586887319

BENEFITS OF APPLICATION

- Fully encapsulated and dustproof brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 4-speed solid metal gearbox. Optimum speeds for drilling in metal and driving self-drilling screws.
- QuickIN MAX accessory interface for all QuickIN and QuickIN MAX accessories. Fast change between applications.

PRODUCT FEATURES

- High torques up to 797 [90] in/lbs [Nm].
- Includes QuickIN solid metal drill chuck 1,062 [120] in/lbs [Nm] with carbide jaws and high clamping force.
- Optimal speed (3,850 rpm) in 4th gear for small diameters.
- Optimal speed (1,950 rpm) in 3rd gear for 3/8 [8] in [mm] dia.
- Cut threads efficiently in 1st gear.
- Electronic torque setting.
- Drives 3/8 x 15-3/4 in [10 x 400 mm] screws without pre-drilling.
- 2,500 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (6 Ah).
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCM 18 QM SELECT



For accessories, see page 162

Price includes

1 QuickIN drill chuck (120 Nm), 1 belt clip, 1 bit garage, 1 handle, 1 tool case

4-Speed cordless drill/driver with brushless motor and QuickIN MAX interface. Uncompromising power for drilling and tapping up to 1/2 [12] in [mm] and drilling with carbide hole saws.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		18 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN MAX
No load speed	rpm	400 / 800 / 1,950 / 3,850
Max. torque (hard/soft)	in/lbs [Nm]	797 [90] / 398 [45]
Torque steps		15 + 1
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Fastening	in [mm]	3/8 [10] x 15-3/4 [400]
Capacity in steel Ø	in [mm]	31/32 [25]
Capacity in wood Ø	in [mm]	1-31/32 [50]
Tapping		M 12
Weight without battery	lbs [kg]	3.31 [1.50]

Part Number	7 116 11 64 09 0
EAN	4014586892108

BENEFITS OF APPLICATION

- Fully encapsulated and dustproof brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 4-speed solid metal gearbox. Optimum speeds for drilling in metal and driving self-drilling screws.
- QuickIN MAX accessory interface for all QuickIN and QuickIN MAX accessories. Fast change between applications.

PRODUCT FEATURES

- High torques up to 797 [90] in/lbs [Nm].
- Includes QuickIN solid metal drill chuck 1,062 [120] in/lbs [Nm] with carbide jaws and high clamping force.
- Optimal speed (3,850 rpm) in 4th gear for small diameters.
- Optimal speed (1,950 rpm) in 3rd gear for 3/8 [8] in [mm] dia.
- Cut threads efficiently in 1st gear.
- Electronic torque setting.
- Drives 3/8 x 15-3/4 in [10 x 400 mm] screws without pre-drilling.
- 2,500 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (6 Ah).
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCM 12 QC



For accessories, see page 162

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 50, 1 QuickIN drill chuck 531 [60] in/lbs [Nm], 1 belt clip, 1 bit garage, 1 tool case

4-speed cordless drill/driver with brushless motor and QuickIN interface. Ideal for drilling and tapping up to 3/8 [8] in [mm].

Battery voltage	V	12
Battery capacity	Ah	3
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN
No load speed	rpm	400 / 700 / 1,400 / 2,500
Max. torque (hard/soft)	in/lbs [Nm]	354 [40] / 177 [20]
Torque steps		20 + 1
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Fastening	in [mm]	3/8 [8] x 7-7/8 [200]
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in wood Ø	in [mm]	1-9/16 [40]
Tapping		M 8
Weight incl. battery	lbs [kg]	2.87 [1.30]
Weight without battery	lbs [kg]	2.43 [1.10]

Part Number	7 116 10 61 09 0
EAN	4014586882383

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 4-speed solid metal gearbox. Optimum speeds for drilling in metal and driving self-drilling screws.
- QuickIN accessory interface for all QuickIN accessories. Fast change between applications.

PRODUCT FEATURES

- High torques up to 354 [40] in/lbs [Nm].
- Includes small QuickIN all-metal chuck 531 [60] in/lbs [Nm] with high concentricity accuracy.
- Optimal speed (2,500 rpm) in 4th gear for up to 1/4 [6] in [mm] dia.
- Mechanical torque setting.
- Stands safely on battery.
- Slim handle dimensions.
- 450 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (3 Ah).
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCM 12 Q SELECT



For accessories, see page 162

Price includes

1 QuickIN drill chuck 531 [60] in/lbs [Nm],
1 belt clip, 1 bit garage, 1 tool case

4-speed cordless drill/driver with brushless motor and QuickIN interface. Ideal for drilling and tapping up to 3/8 [8] in [mm].

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		brushless
Gearbox		4-speed
Accessory interface		QuickIN
No load speed	rpm	400 / 700 / 1,400 / 2,500
Max. torque (hard/ soft)	in/lbs [Nm]	354 [40] / 177 [20]
Torque steps		20 + 1
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Fastening	in [mm]	3/8 [8] x 7-7/8 [200]
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in wood Ø	in [mm]	1-9/16 [40]
Tapping		M 8
Weight without battery	lbs [kg]	2.43 [1.10]

Part Number	7 116 10 64 09 0
EAN	4014586892276

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 4-speed solid metal gearbox. Optimum speeds for drilling in metal and driving self-drilling screws.
- QuickIN accessory interface for all QuickIN accessories. Fast change between applications.

PRODUCT FEATURES

- High torques up to 354 [40] in/lbs [Nm].
- Includes small QuickIN all-metal chuck 531 [60] in/lbs [Nm] with high concentricity accuracy.
- Optimal speed (2,500 rpm) in 4th gear for up to 1/4 [6] in [mm] dia.
- Mechanical torque setting.
- Stands safely on battery.
- Slim handle dimensions.
- 450 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (3 Ah).
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

2-SPEED CORDLESS (IMPACT) DRILL/DRIVER



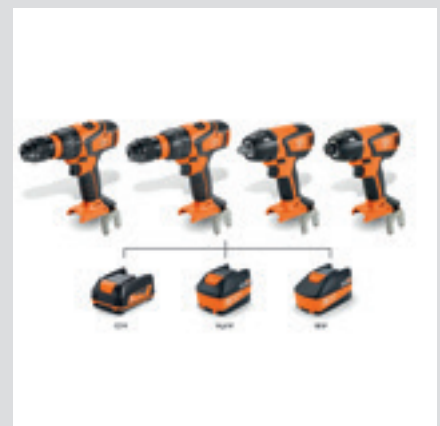
Long service life

The brushless FEIN PowerDrive motors feature an outstanding long service life. The 30 % higher efficiency preserves the battery and ensures longer battery life.



Quickly change accessories

The FEIN QuickIN interface and matching accessories let you change easily between drilling, tapping and screwing applications. As a result, you can finish your work more quickly and with greater precision.



Flexible and simple

Flexible and simple: The power tools with MultiVolt interface are compatible with all FEIN Li-ion batteries from 12 to 18 V.

ASB 18 QC



For accessories, see page 162

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 QuickIN drill chuck 1,062 [120] in/lbs [Nm], 1 belt clip, 1 bit garage, 1 tool case

2-speed cordless drill/driver with brushless motor and QuickIN interface. Ideal for drilling up to 3/8 [10] in [mm] in metal, stone and masonry.

Battery voltage	V	18
Battery capacity	Ah	3
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
No load speed	rpm	450 / 2,000
Blows per minute	rpm	7,360 / 32,000
Max. torque (hard/soft)	in/lbs [Nm]	531 [60] / 283 [32]
Torque steps		22 + 1
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Fastening	in [mm]	3/8 [8] x 11-3/4 [300]
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in wood Ø	in [mm]	1-31/32 [50]
Capacity in stone Ø	in [mm]	1/2 [13]
Tapping		M 10
Weight incl. battery	lbs [kg]	3.97 [1.80]
Weight without battery	lbs [kg]	2.87 [1.30]

Part Number	7 113 23 62 09 0
EAN	4014586887234

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- QuickIN accessory interface for all QuickIN accessories. Fast change between applications.
- MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).

PRODUCT FEATURES

- 2-speed solid metal gearbox with switchable impact mechanism for drilling in metal, stone and masonry.
- Includes QuickIN solid metal drill chuck 1,062 [120] in/lbs [Nm] with carbide jaws and high clamping force.
- Mechanical torque setting.
- Compact design.
- 900 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (3 Ah).
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASB 18 Q SELECT



For accessories, see page 162

Price includes

1 QuickIN drill chuck 1,062 [120] in/lbs [Nm], 1 belt clip, 1 bit garage, 1 tool case

2-speed cordless drill/driver with brushless motor and QuickIN interface. Ideal for drilling up to 3/8 [10] in [mm] in metal, stone and masonry.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
Gearbox		2-speed
Accessory interface		QuickIN
No load speed	rpm	450 / 2,000
Blows per minute	rpm	7,360 / 32,000
Max. torque (hard/soft)	in/lbs [Nm]	531 [60] / 283 [32]
Torque steps		22 + 1
Chuck capacity	in [mm]	1/16 [1.5] - 1/2 [13]
Fastening	in [mm]	3/8 [8] x 11-3/4 [300]
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in wood Ø	in [mm]	1-31/32 [50]
Capacity in stone Ø	in [mm]	1/2 [13]
Tapping		M 10
Weight without battery	lbs [kg]	2.87 [1.30]

Part Number	7 113 23 64 09 0
EAN	4014586892191

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- QuickIN accessory interface for all QuickIN accessories. Fast change between applications.
- MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).

PRODUCT FEATURES

- 2-speed solid metal gearbox with switchable impact mechanism for drilling in metal, stone and masonry.
- Includes QuickIN solid metal drill chuck 1,062 [120] in/lbs [Nm] with carbide jaws and high clamping force.
- Mechanical torque setting.
- Compact design.
- 900 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (3 Ah).
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ABSU 12 C



For accessories, see page 162

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 50, 1 belt clip, 1 bit garage, 1 tool case

2-speed cordless drill/driver with solid metal chuck. Perfect for universal drilling and screw driving up to 1/4 [6] in [mm].

Battery voltage	V	12
Battery capacity	Ah	3
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole dc
Gearbox		2-speed
No load speed	rpm	400 / 1,300
Max. torque (hard/soft)	in/lbs [Nm]	177 [20] / 124 [14]
Torque steps		17 + 1
Chuck capacity	in [mm]	1/16 [1] - 3/8 [10]
Fastening	in [mm]	1/4 [6] x 7-7/8 [200]
Capacity in steel Ø	in [mm]	13/32 [10]
Capacity in wood Ø	in [mm]	1-3/16 [30]
Tapping		M 6
Weight incl. battery	lbs [kg]	2.65 [1.20]
Weight without battery	lbs [kg]	2.20 [1.00]

Part Number	7 113 20 61 09 0
EAN	4014586881508

BENEFITS OF APPLICATION

- ▶ Powerful, durable DC motor with protection against overheating and overloading.
- ▶ 2-speed solid metal gearbox for universal drilling and screw driving work.
- ▶ Robust, solid metal drill chuck with chucking power safeguard.

PRODUCT FEATURES

- ▶ Mechanical torque setting.
- ▶ Stands safely on battery.
- ▶ Slim handle dimensions.
- ▶ Compact design.
- ▶ 400 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (3 Ah).
- ▶ One charger for all voltage classes of FEIN Li-ion batteries.
- ▶ The battery capacity can be read directly on the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- ▶ 3 year FEIN PLUS guarantee, including battery and charger.

ABSU 12 SELECT



For accessories, see page 162

Price includes

1 belt clip, 1 bit garage, 1 tool case

2-speed cordless drill/driver with solid metal chuck. Perfect for universal drilling and screw driving up to 1/4 [6] in [mm].

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole dc
Gearbox		2-speed
No load speed	rpm	400 / 1,300
Max. torque (hard/soft)	in/lbs [Nm]	177 [20] / 124 [14]
Torque steps		17 + 1
Chuck capacity	in [mm]	1/16 [1] - 3/8 [10]
Fastening	in [mm]	1/4 [6] x 7-7/8 [200]
Capacity in steel Ø	in [mm]	13/32 [10]
Capacity in wood Ø	in [mm]	1-3/16 [30]
Tapping		M 6
Weight without battery	lbs [kg]	2.20 [1.00]

Part Number	7 113 20 64 09 0
EAN	4014586892450

BENEFITS OF APPLICATION

- ▶ Powerful, durable DC motor with protection against overheating and overloading.
- ▶ 2-speed solid metal gearbox for universal drilling and screw driving work.
- ▶ Robust, solid metal drill chuck with chucking power safeguard.

PRODUCT FEATURES

- ▶ Mechanical torque setting.
- ▶ Stands safely on battery.
- ▶ Slim handle dimensions.
- ▶ Compact design.
- ▶ 400 screw applications (3/16 x 1-9/16 [5 x 40] in [mm] in wood) with one battery charge (3 Ah).
- ▶ One charger for all voltage classes of FEIN Li-ion batteries.
- ▶ The battery capacity can be read directly on the battery.
- ▶ FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- ▶ 3 year FEIN PLUS guarantee, including battery and charger.

GENERAL ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[470 x 275 x 116 mm]

Part Number
3 39 01 118 01 0



Tool Case
Fits 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 case
3 39 01 118 01 0.

Part Number
3 39 01 119 00 0



Rapid charger ALG 80
For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50
For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number
9 26 04 131 01 0



Chuck 1/4 in hexagon head
Output 1/4 in – hexagon socket
With quick-change chuck

Dia. in [mm]	L mm	Part Number
19/32 [15]	51	6 05 10 011 00 9

18 VOLT BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set
Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

12 V BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 12 V
cordless tools and 18 V cordless
tools with MultiVolt interface.

Current/Voltage V	Capacity Ah	Part Number
12	6	9 26 04 184 02 0
12	3	9 26 04 183 02 0



Cordless starter set
Durable, lightweight 12 V
Li-ion-batteries with innovative
SafetyCell technology, 2,5 Ah
capacity and charge indicator.

Current/Voltage V	Capacity Ah	Part Number
12	6	9 26 04 316 09 0
12	3	9 26 04 317 09 0

QUICKIN ACCESSORIES



Drill chuck
Small, solid metal drill chuck,
made by Röhm, maximum torque
531 [60] in/lbs [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, made by
Röhm, with carbide jaws and
high clamping force. Screwdriver
bit can remain in the drive shaft.
The drill chuck fits over the bit.
Maximum torque 1,062 [120] in/
lbs [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
Automatically re-tightening flat-
jaw drill chuck made of solid metal
from Röhm. Prevents spinning of
twist drills and tappers. Clamping
range 1/16 in [1.5 mm] to 1/2 in
[13 mm]. Precise work thanks to
high concentricity accuracy of up
to 1/64 in [0.35 mm]. 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 in hexagon bit holder with
practical, one-hand operation and
powerful neodym magnet. Using
the bit holder makes the drill/
driver 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 mount sockets
with 1/2 in square drive.
Compatible with all FEIN cordless
drill/drivers with QuickIN/
QuickIN MAX interface.

Accessory interface	Part Number
QuickIN	6 42 03 002 01 0



Angle head

Metal angle head for drilling, tapping and bolt tightening in tight spaces. All FEIN QuickIN accessories such as drill chucks, bit holders or socket adapters can be attached to the angle head. Compatible with all FEIN cordless drill/drivers with QuickIN / QuickIN MAX interface.

Accessory interface	Part Number
QuickIN	6 42 03 008 01 0



Tap adapter

Tapping adapter with 2 collects for 4.5 and 6 mm shaft diameters for cutting M4 / M5 / M6 / M8 threads. Reliable grip of the square end of the tap prevents slipping. Compatible with all FEIN cordless drill/drivers with QuickIN / QuickIN MAX interface.

Accessory interface	Part Number
QuickIN	6 42 03 003 01 0



Tap adapter

Reliable grip of the square end of the tap prevents 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



Tapping collets

Efficient drilling of threads using a solid grip of the square end of the tap prevents slippage. Convenient and tool-free taper changing. Scope of delivery does not include taper. Compatible with all FEIN cordless drill/drivers with QuickIN / QuickIN MAX interface.

Access- ory interface	Dia. in [mm]	Square mm	Part Number
QuickIN	1/8 [3.5]	2.7	6 42 03 009 01 0
QuickIN	3/16 [4.5]	3.4	6 42 03 010 01 0
QuickIN	1/4 [6]	4.9	6 42 03 011 01 0
QuickIN	9/32 [7]	5.5	6 42 03 012 01 0
QuickIN	5/16 [8]	6.2	6 42 03 013 01 0
QuickIN	11/32 [9]	7	6 42 03 014 01 0
QuickIN	13/32 [10]	8	6 42 03 015 01 0
QuickIN	7/16 [11]	10	6 42 03 016 01 0



Hole saw adapter

For drilling large holes in metal. Suitable for all FEIN carbide hole saws and core bits with QuickIN PLUS fitting. Perfect for diameters up to 1-5/8 [40 mm]. Scope of delivery includes pilot 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

ADDITIONAL ACCESSORIES



Collets

For collets and floating collet chucks and tapping adapters. M2 (DIN 352, DIN 371), M4 (DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
1/8 [2.8]	2.1	6 32 06 077 00 1



Collets

For collets and floating collet chucks and tapping adapters. M3 (DIN 352, DIN 371), M5 (DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
1/8 [3.5]	2.7	6 32 06 064 00 1



Collets

For collets and floating collet chucks and tapping adapters. M4 (DIN 352, DIN 371), M6 (DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
3/16 [4.5]	3.4	6 32 06 065 00 5



Collets

For collets 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)

Dia. in [mm]	Square mm	Part Number
1/4 [6]	4.9	6 32 06 066 00 8



Collets

For collets and floating collet chucks and tapping adapters. M7 (DIN 371), M9 (DIN 352) M 10 (DIN 352, DIN 357, DIN 376)

Dia. in [mm]	Square mm	Part Number
9/32 [7]	5.5	6 32 06 070 00 6



Collets

For collets and floating collet chucks and tapping adapters. M8 (DIN 371), M11 (DIN 352)

Dia. in [mm]	Square mm	Part Number
5/16 [8]	6.2	6 32 06 078 00 9



Collets

For collets and floating collet chucks and tapping adapters. M12 (DIN 357, DIN 371, DIN 376)

Dia. in [mm]	Square mm	Part Number
11/32 [9]	7	6 32 06 075 00 4



Collets

For collets and floating collet chucks and tapping adapters. M10 (DIN 371)

Dia. in [mm]	Square mm	Part Number
13/32 [10]	8	6 32 06 079 00 3



Carbide hole saws with QuickIN-PLUS mount

Carbide-tipped with optimum service life for efficient drilling work in sheet metal up to 5/32 in (4 mm) thickness. Metric dimensions, drilling depth 5/32 in (4 mm).

Bore dia. in [mm]	Part Number
9/16 [14.29]	6 31 31 200 01 0
5/8 [15.88]	6 31 31 201 01 0
11/16 [17.46]	6 31 31 202 01 0
3/4 [19.05]	6 31 31 203 01 0
13/16 [20.64]	6 31 31 204 01 0
7/8 [22.23]	6 31 31 205 01 0
15/16 [23.81]	6 31 31 206 01 0
1/1 [25.40]	6 31 31 207 01 0
1-1/16 [26.99]	6 31 31 208 01 0
1-1/8 [28.58]	6 31 31 209 01 0
1-3/16 [30.16]	6 31 31 210 01 0
1-1/4 [31.75]	6 31 31 211 01 0
1-5/16 [33.34]	6 31 31 212 01 0
1-3/8 [34.93]	6 31 31 213 01 0
1-7/16 [36.51]	6 31 31 214 01 0
1-1/2 [38.1]	6 31 31 215 01 0
1-9/16 [39.19]	6 31 31 216 01 0
1-5/8 [41.28]	6 31 31 217 01 0
1-11/16 [42.86]	6 31 31 218 01 0
1-3/4 [44.45]	6 31 31 219 01 0
1-13/16 [46.04]	6 31 31 220 01 0
1-7/8 [47.63]	6 31 31 221 01 0
1-15/16 [49.21]	6 31 31 222 01 0
2 [50.80]	6 31 31 223 01 0
2-1/16 [52.39]	6 31 31 224 01 0
2-1/8 [53.98]	6 31 31 225 01 0



Carbide hole saw with QuickIN-PLUS mount for pipes

Carbide teeth with optimum service life for use on pipe materials and curved surfaces with wall thickness up to 5/32 in (4 mm). Metric dimensions, drilling depth 5/32 in (4 mm).

Bore dia. in [mm]	Part Number
7/8 [22.23]	6 31 31 605 01 0
15/16 [23.81]	6 31 31 606 01 0
1/1 [25.40]	6 31 31 607 01 0
1-1/16 [26.99]	6 31 31 608 01 0
1-1/8 [28.58]	6 31 31 609 01 0
1-3/16 [30.16]	6 31 31 610 01 0
1-1/4 [31.75]	6 31 31 611 01 0
1-5/16 [33.34]	6 31 31 612 01 0
1-3/8 [34.93]	6 31 31 613 01 0
1-7/16 [36.51]	6 31 31 614 01 0
1-1/2 [38.10]	6 31 31 615 01 0
1-9/16 [39.19]	6 31 31 616 01 0
1-5/8 [41.28]	6 31 31 617 01 0



Carbide core bits with QuickIN-PLUS mount

Maximum service life, thanks to carbide tipping. Outstanding cutting performance in all common metals.

Metric dimensions, drilling depth 3/4 in (20 mm), hole dia. up to 1 in (25 mm) in steel, up to 1-3/16 in (30 mm) in aluminum.

Bore dia. in [mm]	Part Number
9/16 [14.29]	6 31 30 200 01 0
5/8 [15.88]	6 31 30 201 01 0
11/16 [17.46]	6 31 30 202 01 0
3/4 [19.05]	6 31 30 203 01 0
13/16 [20.64]	6 31 30 204 01 0
7/8 [22.23]	6 31 30 205 01 0
15/16 [23.81]	6 31 30 206 01 0
1/1 [25.40]	6 31 30 207 01 0
1-1/16 [26.99]	6 31 30 208 01 0
1-1/8 [28.58]	6 31 30 209 01 0
1-3/16 [30.16]	6 31 30 210 01 0



Carbide core bits, titanium aluminum nitride coated, with QuickIN-PLUS mount

Maximum service life, thanks to carbide tipping. Outstanding cutting performance in all common metals, 20 % faster work progress, reduced cutting and feed force due to titanium aluminum nitride coating.

Metric dimensions, drilling depth 3/4 in (20 mm), hole dia. up to 1 in (25 mm) in steel, up to 1-3/16 in (30 mm) in aluminum.

Bore dia. in [mm]	Part Number
9/16 [14.29]	6 31 30 300 01 0
5/8 [15.88]	6 31 30 301 01 0
11/16 [17.46]	6 31 30 302 01 0
3/4 [19.05]	6 31 30 303 01 0
13/16 [20.64]	6 31 30 304 01 0
7/8 [22.23]	6 31 30 305 01 0
15/16 [23.81]	6 31 30 306 01 0
1/1 [25.40]	6 31 30 307 01 0
1-1/16 [26.99]	6 31 30 308 01 0
1-1/8 [28.58]	6 31 30 309 01 0
1-3/16 [30.16]	6 31 30 310 01 0



Pilot bits

Qty pcs	Part Number
1	6 31 14 038 01 0
5	6 31 14 038 02 0

IMPACT WRENCHES



ASCD 18-300 W2

Cordless impact wrench with brushless motor and 6 torque settings. For metric screw applications up to M18.



ASCD 18-200 W4

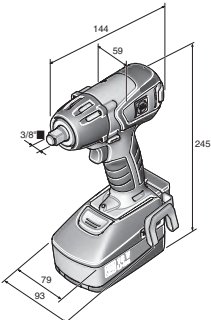
Cordless impact wrench with brushless motor and 6 torque settings. For universal screw applications including self-drilling screws.



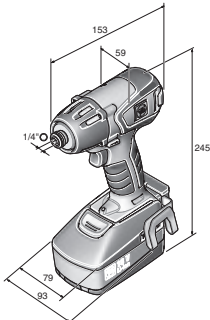
ASCD 12-100 W4C

Cordless impact wrench with DC motor. For universal screw applications.

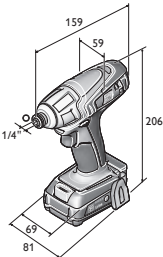
Page		166	167	168
Technical specifications	Battery voltage	V	18	18
	Battery capacity	Ah	6	6
	Battery compatibility	Li-ion / HighPower Li-ions	Li-ion / HighPower Li-ions	Li-ion
	Battery interface	MultiVolt	MultiVolt	12 V
	Motor	brushless	brushless	2-pole dc
	No load speed	rpm	0 - 1,700	0 - 2,700
	Blows per minute	rpm	0 - 3,400	0 - 3,450
	Max. torque	in/lbs [Nm]	2567 [290]	1859 [210]
	Max. metric bolt	M18 (8.8)		885 [100]
	Torque steps	6	6	
Tool mount		1/2 in Outer square	1/4 in Hexagon socket	1/4 in Hexagon socket
Weight incl. battery		lbs [kg]	3.75 [1.70]	2.43 [1.10]
Weight without battery		lbs [kg]	2.20 [1.00]	1.98 [0.90]



ASCD 18-300 W2



ASCD 18-200 W4



ASCD 12-100 W4C

CORDLESS IMPACT WRENCH



Long service life

The brushless FEIN PowerDrive motors feature an outstanding long service life. The 30 % higher efficiency preserves the battery and ensures longer battery life.



Adjustable torque—better control

For the adjustable impact wrenches, you can select the correct torque for each screw size, thus preventing screw heads from breaking off.



10 % higher reverse torque

For unscrewing extremely stubborn screws, the reverse torque is increased by 10 %.

ASCD 18-300 W2



For accessories, see page 169

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 belt clip, 1 bit garage, 1 tool case

Cordless impact wrench with brushless motor and 6 torque settings. For metric screw applications up to M18.

Battery voltage	V	18
Battery capacity	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	0 - 1,700
Blows per minute	rpm	0 - 3,400
Max. torque	in/lbs [Nm]	2567 [290]
Torque steps		6
Tool mount		1/2 in Outer square
Wood screw dia.	in [mm]	3/8 [8] x 11-3/4 [300]
Max. metric bolt		M18 (8.8)
Weight incl. battery	lbs [kg]	3.75 [1.70]
Weight without battery	lbs [kg]	2.20 [1.00]

Part Number	7 115 06 61 09 0
EAN	4014586887500

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 6-Step electronic torque setting prevents shearing of screw heads.
- 10 % higher torque in reverse to release extremely tight bolts.

PRODUCT FEATURES

- MultiVolt-interface. Cordless tool can be used with all FEIN Li-ion batteries (12-18 V).
- 1/2 in square drive for mounting impact sockets.
- Robust, solid metal impact gearbox.
- Metric bolts up to M18 (8.8).
- Touch guard on drive head.
- Compact design.
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCD 18-300 W2 SELECT



For accessories, see page 169

Price includes

1 belt clip, 1 bit garage, 1 tool case

Cordless impact wrench with brushless motor and 6 torque settings. For metric screw applications up to M18.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	0 - 1,700
Blows per minute	rpm	0 - 3,400
Max. torque	in/lbs [Nm]	2567 [290]
Torque steps		6
Tool mount		1/2 in Outer square
Wood screw dia.	in [mm]	3/8 [8] x 11-3/4 [300]
Max. metric bolt		M18 (8.8)
Weight without battery	lbs [kg]	2.20 [1.00]

Part Number	7 115 06 64 09 0
EAN	4014586892122

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 6-Step electronic torque setting prevents shearing of screw heads.
- 10 % higher torque in reverse to release extremely tight bolts.

PRODUCT FEATURES

- MultiVolt-interface. Cordless tool can be used with all FEIN Li-ion batteries (12-18 V).
- 1/2 in square drive for mounting impact sockets.
- Robust, solid metal impact gearbox.
- Metric bolts up to M18 (8.8).
- Touch guard on drive head.
- Compact design.
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCD 18-200 W4



For accessories, see page 169

Price includes

2 rechargeable batteries (Li-ion),
1 rapid charger ALG 50, 1 belt clip,
1 bit garage, 1 tool case

Cordless impact wrench with brushless motor and 6 torque settings. For universal screw applications including self-drilling screws.

Battery voltage	V	18
Battery capacity	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	0 - 1,500
Blows per minute	rpm	0 - 3,000
Max. torque	in/lbs [Nm]	1859 [210]
Torque steps		6
Tool mount		1/4 in Hexagon socket
Wood screw dia.	in [mm]	3/8 [8] x 7-7/8 [200]
Weight incl. battery	lbs [kg]	3.75 [1.70]
Weight without battery	lbs [kg]	2.20 [1.00]

Part Number	7 115 07 61 09 0
EAN	4014586887524

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 6-Step electronic torque setting prevents shearing of screw heads.
- 10 % higher torque in reverse to release extremely tight bolts.

PRODUCT FEATURES

- MultiVolt-interface. Cordless tool can be used with all FEIN Li-ion batteries (12-18 V).
- 1/4 in hexagonal socket for mounting bits and Allen key inserts.
- Robust, solid metal impact gearbox.
- Touch guard on drive head.
- Compact design.
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCD 18-200 W4 SELECT



For accessories, see page 169

Price includes

1 belt clip, 1 bit garage, 1 tool case

Cordless impact wrench with brushless motor and 6 torque settings. For universal screw applications including self-drilling screws.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Motor		brushless
No load speed	rpm	0 - 1,500
Blows per minute	rpm	0 - 3,000
Max. torque	in/lbs [Nm]	1859 [210]
Torque steps		6
Tool mount		1/4 in Hexagon socket
Wood screw dia.	in [mm]	3/8 [8] x 7-7/8 [200]
Weight without battery	lbs [kg]	2.20 [1.00]

Part Number	7 115 07 64 09 0
EAN	4014586892139

BENEFITS OF APPLICATION

- Brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.
- 6-Step electronic torque setting prevents shearing of screw heads.
- 10 % higher torque in reverse to release extremely tight bolts.

PRODUCT FEATURES

- MultiVolt-interface. Cordless tool can be used with all FEIN Li-ion batteries (12-18 V).
- 1/4 in hexagonal socket for mounting bits and Allen key inserts.
- Robust, solid metal impact gearbox.
- Touch guard on drive head.
- Compact design.
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCD 12-100 W4C



For accessories, see page 169

Price includes

2 rechargeable batteries (Li-ion),
1 rapid charger ALG 50, 1 belt clip,
1 bit garage, 1 tool case

Cordless impact wrench with DC motor. For universal screw applications.

Battery voltage	V	12
Battery capacity	Ah	3
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole dc
No load speed	rpm	0 - 2,700
Blows per minute	rpm	0 - 3,450
Max. torque	in/lbs [Nm]	885 [100]
Tool mount		1/4 in Hexagon socket
Wood screw dia.	in [mm]	3/8 [8] x 3-1/8 [80]
Weight incl. battery	lbs [kg]	2.43 [1.10]
Weight without battery	lbs [kg]	1.98 [0.90]

Part Number	7 115 03 61 09 0
EAN	4014586881928

BENEFITS OF APPLICATION

- Powerful, durable DC motor with protection against overheating and overloading.
- Up to 885 in/lbs [100 Nm] torque - easily unscrews bolts up to 1/2 in [M12].
- 1/4 in hexagonal socket for mounting bits and Allen key inserts.

PRODUCT FEATURES

- Robust, solid metal impact gearbox.
- Aluminum gear housing.
- Stands safely on battery.
- Slim handle dimensions.
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

ASCD 12-100 W4 SELECT



Cordless impact wrench with DC motor. For universal screw applications.

Battery voltage	V	12
Battery compatibility		Li-ion
Battery interface		12 V
Motor		2-pole dc
No load speed	rpm	0 - 2,700
Blows per minute	rpm	0 - 3,450
Max. torque	in/lbs [Nm]	885 [100]
Tool mount		1/4 in Hexagon socket
Wood screw dia.	in [mm]	3/8 [8] x 3-1/8 [80]
Weight without battery	lbs [kg]	1.98 [0.90]

Part Number	7 115 03 64 09 0
EAN	4014586892115

For accessories, see page 169

Price includes

1 belt clip, 1 bit garage, 1 tool case

BENEFITS OF APPLICATION

- Powerful, durable DC motor with protection against over-heating and overloading.
- Up to 885 in/lbs [100 Nm] torque - easily unscrews bolts up to 1/2 in [M12].
- 1/4 in hexagonal socket for mounting bits and Allen key inserts.

PRODUCT FEATURES

- Robust, solid metal impact gearbox.
- Aluminum gear housing.
- Stands safely on battery.
- Slim handle dimensions.
- One charger for all voltage classes of FEIN Li-ion batteries.
- The battery capacity can be read directly on the battery.
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.

IMPACT WRENCHES

GENERAL ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[470 x 275 x 116 mm]

Part Number
3 39 01 118 01 0



Tool Case
Fits 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 case
3 39 01 118 01 0.

Part Number
3 39 01 119 00 0



Rapid charger ALG 80
For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50
For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number
9 26 04 131 01 0

18 VOLT BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set
Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

12 V BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 12 V
cordless tools and 18 V cordless
tools with MultiVolt interface.

Current/Voltage V	Capacity Ah	Part Number
12	6	9 26 04 184 02 0
12	3	9 26 04 183 02 0



Cordless starter set
Durable, lightweight 12 V
Li-ion-batteries with innovative
SafetyCell technology, 2,5 Ah
capacity and charge indicator.

Current/Voltage V	Capacity Ah	Part Number
12	6	9 26 04 316 09 0
12	3	9 26 04 317 09 0

TEK SCREWDRIVERS



Reliable functioning

The FEIN metal screwdriver lets you handle self-drilling screws, tapping screws and wing teks with extreme precision. Due to the depth stop, screws with sealing washers are also handled reliably and later corrosion damage is prevented.



Consistent high performance

Even in continuous operation, the FEIN ASCS delivers the necessary power and correct speed. Thus, you can screw directly even into steel girders without any problems.

ASCS 6.3



For accessories, see page 171

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 scaffold hook, 1 depth stop, 1 insert for hexagon bolts, 1 tool case

Speed-optimized cordless drill/driver for fastenings in metal with up to 1/4 in [6.3 mm] screw diameter.

Battery voltage	V	18
Battery capacity	Ah	3
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		18 V
Full load speed	rpm	0 - 1,500
No load speed	rpm	0 - 1,700
Max. torque (hard/soft)	in/lbs [Nm]	266 [30] / 89 [10]
Screw Ø	in [mm]	1/4 [6.3]
Quick-change chuck		1/4 in
Weight without battery	lbs [kg]	2.43 [1.10]

Part Number	7 113 11 62 09 0
EAN	4014586870519

BENEFITS OF APPLICATION

- High performance battery for more than 150 screw connections in sheet steel.
- Electronic torque cut-off for precise results, even without depth stop.
- Fully encapsulated and dustproof brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.

PRODUCT FEATURES

- Tested for over 1 million screw connections.
- More than 1,000 charges per battery.
- Extremely lightweight.
- Optimum ergonomics with pistol grip for application of high pressure.
- High power up to 266 in/lbs [30 Nm].

ASCS 6.3 SELECT



For accessories, see page 171

Price includes

1 scaffold hook, 1 depth stop, 1 insert for hexagon bolts, 1 tool case

Speed-optimized cordless drill/driver for fastenings in metal with up to 1/4 in [6.3 mm] screw diameter.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		18 V
Full load speed	rpm	0 - 1,500
No load speed	rpm	0 - 1,700
Max. torque (hard/soft)	in/lbs [Nm]	266 [30] / 89 [10]
Screw Ø	in [mm]	1/4 [6.3]
Quick-change chuck		1/4 in
Weight without battery	lbs [kg]	2.43 [1.10]

Part Number	7 113 11 63 09 0
EAN	4014586892160

BENEFITS OF APPLICATION

- High performance battery for more than 150 screw connections in sheet steel.
- Electronic torque cut-off for precise results, even without depth stop.
- Fully encapsulated and dustproof brushless FEIN PowerDrive motor with 30 % greater efficiency and longer service life.

PRODUCT FEATURES

- Tested for over 1 million screw connections.
- More than 1,000 charges per battery.
- Extremely lightweight.
- Optimum ergonomics with pistol grip for application of high pressure.
- High power up to 266 in/lbs [30 Nm].

SCS 4.8-25



For accessories, see page 171

Price includes

1 bit 1/4 in size 2 / Phillips (Form H),
extra-hard, 1 belt clip, 1 hand strap,
1 depth stop, 1 magnetic chuck for 1/4 in bits

One of the lightest weight drill/drivers in its power-class for roof and facade construction.

Power consumption	W	450
Power output	W	250
Full load speed	rpm	0 - 2,000
No load speed	rpm	0 - 2,500
Max. torque (hard/soft)	in/lbs [Nm]	142 [16]
Screw Ø	in [mm]	1/4 [4.8]
Quick-change chuck		1/4 in
Cable with plug	ft [m]	16 [5]

Part Number	7 213 04 09 36 2
EAN	4014586853963

BENEFITS OF APPLICATION

- Safe handling of self-drilling and thread-cutting screws up to 3/16 in [4.8 mm] - with or without sealing washer and wing teks.
- Lightweight drills/drivers facilitate fatigue-free work in roofing and facade construction and in HVAC.
- FEIN's adjustable, power-sensitive universal clutch for optimum configuration of torque when working without depth stop.

PRODUCT FEATURES

- FEIN high-performance motor.
- Practical hand strap.

TEK SCREWDRIVERS

GENERAL ACCESSORIES



Tool Case

Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number
3 39 01 119 00 0



Rapid charger ALG 80

For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50

For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number
9 26 04 131 01 0



Chuck 1/4 in hexagon head

Output 1/4 in - hexagon socket
With quick-change chuck

Dia. in [mm]	L mm	Part Number
19/32 [15]	51	6 05 10 011 00 9



Chuck 1/4 in hexagon head

Output 1/4 in - hexagon socket
With spring washer, magnetic

Dia. in [mm]	L mm	Part Number
13/32 [10.6]	45	6 05 10 215 00 3

18 VOLT BATTERY



Rechargeable battery

Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set

Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

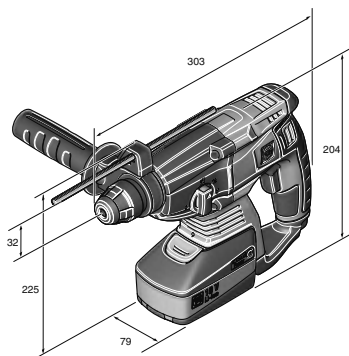
ABH 18



For accessories, see page 173

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 handle, 1 depth stop, 1 tool case



Extremely compact and high-performance cordless rotary hammer drill with an impact energy of 2 J for drilling in concrete up to 3/4 in [20 mm].

Battery voltage	V	18
Battery capacity	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		18 V
Motor		brushless
No load speed	rpm	0 - 1,200
Blows per minute	rpm	0 - 4,400
Impact energy	ft. lbs.	1
Tool mount		SDS-plus
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in wood Ø	in [mm]	7/8 [22]
Weight without battery	lbs [kg]	5.07 [2.30]

Part Number	7 140 01 61 09 0
EAN	4014586892443

BENEFITS OF APPLICATION

- Fast work progress, thanks to brushless motor with high impact energy.
- Work without getting tired, thanks to the compact design and low vibration.
- Protection of the user and the tool through the safety coupling and overload protection.

PRODUCT FEATURES

- Combination hammer with three functions: hammer drilling, drilling and chiseling.
- Brushless motor with 30 % greater efficiency and long service life.
- 80 holes (3/8 [10] x 3 in [75 mm]) with one battery charge (5 Ah).
- Setting the 2-11/16 in [68 mm] power outlet holes with drill bit in masonry.
- Optional drilling dust nozzle for low-dust work.
- Low-vibration work with only 472 in/s² [12 m/s²].
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.
- The battery capacity can be read directly on the battery.

ABH 18 SELECT

FEIN SELECT⁺



For accessories, see page 173

Price includes

1 handle, 1 depth stop, 1 tool case

Extremely compact and high-performance cordless rotary hammer drill with an impact energy of 2 J for drilling in concrete up to 3/4 in [20 mm].

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		18 V
Motor		brushless
No load speed	rpm	0 - 1,200
Blows per minute	rpm	0 - 4,400
Impact energy	ft. lbs.	1
Tool mount		SDS-plus
Capacity in steel Ø	in [mm]	1/2 [13]
Capacity in wood Ø	in [mm]	7/8 [22]
Weight without battery	lbs [kg]	5.07 [2.30]

Part Number	7 140 01 64 09 0
EAN	4014586889221

BENEFITS OF APPLICATION

- Fast work progress, thanks to brushless motor with high impact energy.
- Work without getting tired, thanks to the compact design and low vibration.
- Protection of the user and the tool through the safety coupling and overload protection.

PRODUCT FEATURES

- Combination hammer with three functions: hammer drilling, drilling and chiseling.
- Brushless motor with 30 % greater efficiency and long service life.
- 80 holes (3/8 [10] x 3 in [75 mm]) with one battery charge (5 Ah).
- Setting the 2-11/16 in [68 mm] power outlet holes with drill bit in masonry.
- Optional drilling dust nozzle for low-dust work.
- Low-vibration work with only 472 in/s² [12 m/s²].
- FEIN SafetyCell technology. Protects the battery and the machine from overloading, overheating and deep discharge.
- 3 year FEIN PLUS guarantee, including battery and charger.
- The battery capacity can be read directly on the battery.

GENERAL ACCESSORIES



Rapid charger ALG 80

For all FEIN Li-ion storage batteries. Charging times: Li-ion storage battery 18V / 3 Ah: 26 min. (80% of the max. capacity). Li-ion storage battery 18V / 6 Ah: 38 min. (80% of the max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50

For all FEIN Li-ion batteries. Charging time 35 min. or more.

Part Number
9 26 04 131 01 0



Drilling dust nozzle

Drilling dust nozzle for wet/dry vacuum cleaner. Low-dust drilling on all common wall and ceiling surfaces. For suction hose with 1-3/8 in [35 mm] diameter.

Part Number
9 26 02 101 01 0

18 VOLT BATTERY



Rechargeable battery

Li-ion battery with charge indicator and FEIN SafetyCell technology. Protects the battery and the tool from overloading, overheating and deep discharge. Can be used with all FEIN 18 V cordless tools.

Current/Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set

Durable, lightweight 18 V Li-ion-batteries with innovative SafetyCell technology, 5 Ah capacity and charge indicator.

Current/Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0



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The right choice for everyone who values the highest cutting performance in sheet metal and stainless steel. 183

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Extremely versatile and curve-compatible, particularly suited for trapezoid sheet metal, corrugated sheet metal, profiles and curved single rolled sheets. 188

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Designed for maximum performance. 203

PIPE MILLING CUTTER

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DIVIDING / SAWING

PIPES, SHEETS, METALS AND STAINLESS STEEL: CUT WITH A SUITABLE TOOL.

Corrugated sheet metal, trapezoid sheet metal, steel plates, profiles or pipes—With FEIN, you always have the right cutting method at hand. From easy-to-maneuver nibblers for precise cuts to rugged jigsaws right up to pipe-milling machines for pipelines up to 10 [3] ft[m] in diameter.



SLITTING SHEARS



- ▶ Fast, precise cut.
- ▶ Cuts a spiral sliver from the sheet: this way, there are no chips on the workpiece.
- ▶ Reduced risk of injury and hardly any cleaning effort in the workshop.



SHEET METAL SHEARS



- ▶ Cuts right through the material.
- ▶ No chipping and no material loss.
- ▶ Reduced risk of injury and hardly any cleaning effort in the workshop.



NIBBLERS



- ▶ Extremely agile.
- ▶ Perfect for cornered cuts: The cutting direction can be adjusted tool-free in 45 degree steps for the full 360 degrees.



RECIPROCATING SAWS FOR PIPE



- ▶ Cutting pipes and profiles to length.
- ▶ Up to 17-5/16 [440] in [mm] diameter.



METAL CUTTING SAWS

- ▶ Designed for maximum performance.

▶ You can find information about pipe milling cutters for pipes with diameters of 250 - 3,000 mm on page 207



THE RIGHT SOLUTION FOR EVERY APPLICATION.

APPLICATION/ FUNCTIONALITY	SLITTING SHEARS	SHEET METAL SHEARS	NIBBLERS	RECIPROCATING SAWS	METALL CUTTING SAWS
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	178	183	188	198	203

SLITTING SHEARS



ABSS 18 1.6 E SELECT

Handy, maneuverable cordless slitting shears for distortion-free cuts and cut outs in sheet metals up to 16 gauge [1.6 mm] in thickness.

BSS 1.6 E

Easy-to-use and curve-compatible slitting shear for distortion-free cutting.

BSS 1.6 CE

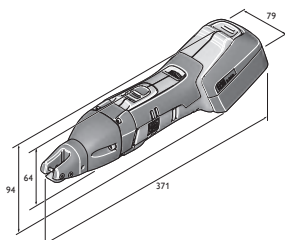
Easy-to-use and curve-compatible slitting shear with integrated chip cutter.

BSS 2.0 E

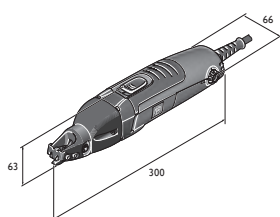
High-performance slitting shears for stainless steel pipes and profiles.

	page	179	180	181	181
Application	Cuts	▲▲	▲▲	▲▲	▲▲
	Curve cuts	▲	▲	▲	
	Cut-outs	▲▲	▲▲	▲▲	
Features	QuickIN	●			
	Chip clipper			●	
	FEIN high-performance motor		●	●	●
Technical specifications	Power consumption	W	350	350	350
	Battery voltage	V	18		
	Battery compatibility	Li-Ion / HighPower Li-Ions			
	Battery interface	MultiVolt			
	Strokes	spm	2,200 - 3,500	2,100 - 4,500	2,100 - 4,500
	Cutting speed	ft/min [m/min]	16.4 [5] - 26.2 [8]	19.7 [6] - 32.8 [10]	19.7 [6] - 32.8 [10]
	Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]	16 [1.6]	16 [1.6]
	Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]	18 [1.2]	18 [1.2]
	Steel 112,000 lbf/in ²	gauge [mm]	22 [0.8]	19 [1.0]	19 [1.0]
	Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]	14 [2.0]	14 [2.0]
	Cutting width	in [mm]	1/4 [5.0]	1/4 [5.0]	1/4 [5.0]
	Radius of smallest curve	in [mm]	3-1/2 [90] (1-1/4 [30]) *	3-1/2 [90] (1-1/4 [30]) *	3-1/2 [90] (1-1/4 [30]) *
	Immersion dia.	in [mm]	1/2 [15] (1/4 [8]) *	1/2 [15] (1/4 [8]) *	1/2 [15] (1/4 [8]) *
	Cable with plug	ft [m]	16 [5]	16 [5]	16 [5]
	Weight according to EPTA	lbs [kg]	3.31 [1.50]	3.31 [1.50]	3.75 [1.70]
	Weight without battery	lbs [kg]	2.65 [1.20]		

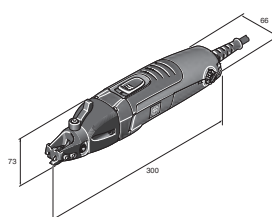
▲▲ very well-suited ▲ suitable ● included * with blade for curves.



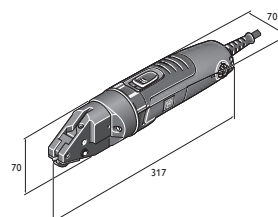
ABSS 18 1.6 E Select



BSS 1.6 E



BSS 1.6 CE



BSS 2.0 E

SLITTING SHEARS

**Cutting without chips**

Slitting shears are the right choice when no chips may be created during cuts and cutouts: it cuts a spiral chip from the sheet.

**Precise work**

The open cutting head gives you an optimal view of the cutting line.

ABSS 18 1.6 E



For accessories, see page 182

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 blade, straight, up to 16 gauge [1.6 mm], 1 pair of cutting bars, 1 wrench, 1 tool case

Handy, maneuverable cordless slitting shears for distortion-free cuts and cut outs in sheet metals up to 16 gauge [1.6 mm] in thickness.

Battery voltage	V	18
Battery capacity	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	2,200 - 3,500
Cutting speed	ft/min [m/min]	16.4 [5] - 26.2 [8]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	22 [0.8]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	1/4 [5.0]
Radius of smallest curve	in [mm]	3-1/2 [90] (1-1/4 [30]) *
Immersion dia.	in [mm]	1/2 [15] (1/4 [8]) *
Weight without battery	lbs [kg]	2.65 [1.20]

Part Number	7 130 03 62 09 0
EAN	4014586892405

BENEFITS OF APPLICATION

- ▶ Rapid performance due to excellent view of the cutting line through the open-front cutting head.
- ▶ Left and right curve cuts and distortion-free cutting possible with one continuous chip.
- ▶ QuickIN for rapid, tool-free blade changing, with no further adjustment required.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).
- ▶ Excellent ergonomics and low weight.
- ▶ Proven MULTIMASTER motor with outstanding power and durability.
- ▶ Cutting blade with outstanding service life.
- ▶ 394 ft [120 m] cutting capacity with a single battery charge.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 18 gauge [1.2 mm].
- ▶ Wide range of accessories.
- ▶ * with blade for curves.

ABSS 18 1.6 E SELECT



For accessories, see page 182

Price includes

1 blade, straight, up to 16 gauge [1.6 mm],
1 pair of cutting bars, 1 wrench, 1 tool case

Handy, maneuverable cordless slitting shears for distortion-free cuts and cut outs in sheet metals up to 16 gauge [1.6 mm] in thickness.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	2,200 - 3,500
Cutting speed	ft/min [m/min]	16.4 [5] - 26.2 [8]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	22 [0.8]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	1/4 [5.0]
Radius of smallest curve	in [mm]	3-1/2 [90] (1-1/4 [30]) *
Immersion dia.	in [mm]	1/2 [15] (1/4 [8]) *
Weight without battery	lbs [kg]	2.65 [1.20]

Part Number	7 130 03 61 09 0
EAN	4014586892177

BENEFITS OF APPLICATION

- ▶ Rapid performance due to excellent view of the cutting line through the open-front cutting head.
- ▶ Left and right curve cuts and distortion-free cutting possible with one continuous chip.
- ▶ QuickIN for rapid, tool-free blade changing, with no further adjustment required.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).
- ▶ Excellent ergonomics and low weight.
- ▶ Proven MULTIMASTER motor with outstanding power and durability.
- ▶ Cutting blade with outstanding service life.
- ▶ 394 ft [120 m] cutting capacity with a single battery charge.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 18 gauge [1.2 mm].
- ▶ Wide range of accessories.
- ▶ * with blade for curves.

BSS 1.6 E



For accessories, see page 182

Price includes

1 blade, straight, up to 16 gauge [1.6 mm],
1 pair of cutting bars, 1 wrench

Easy-to-use and curve-compatible slitting shear for distortion-free cutting.

Power consumption	W	350
Power output	W	210
Strokes	spm	2,100 - 4,500
Cutting speed	ft/min [m/min]	19.7 [6] - 32.8 [10]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	1/4 [5.0]
Radius of smallest curve	in [mm]	3-1/2 [90] (1-1/4 [30]) *
Immersion dia.	in [mm]	1/2 [15] (1/4 [8]) *
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.31 [1.50]

Part Number	7 230 31 61 09 0
EAN	4014586874692

BENEFITS OF APPLICATION

- ▶ Rapid performance due to excellent view of the cutting line through the open-front cutting head.
- ▶ Left and right curve cuts and distortion-free cutting possible with one continuous chip.
- ▶ QuickIN for rapid, tool-free blade changing, with no further adjustment required.

PRODUCT FEATURES

- ▶ Excellent ergonomics and low weight.
- ▶ Motor with outstanding performance and durability.
- ▶ Cutting blade with outstanding service life.
- ▶ 16 ft. [5 m] cable.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 18 gauge [1.2 mm].
- ▶ Wide range of accessories.
- ▶ * with blade for curves.



BSS 1.6 CE



For accessories, see page 182

Price includes

1 blade, straight, up to 16 gauge [1.6 mm],
1 pair of cutting bars, 1 wrench

Easy-to-use and curve-compatible slitting shear with integrated chip cutter.

Power consumption	W	350
Power output	W	210
Strokes	spm	2,100 - 4,500
Cutting speed	ft/min [m/min]	19.7 [6] - 32.8 [10]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	1/4 [5.0]
Radius of smallest curve	in [mm]	3-1/2 [90] (1-1/4 [30]) *
Immersion dia.	in [mm]	1/2 [15] (1/4 [8]) *
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.31 [1.50]

Part Number	7 230 32 61 09 0
EAN	4014586874760

BENEFITS OF APPLICATION

- ▶ Chip cutter for clipping off the cut chip at any point.
- ▶ Left and right curve cuts and distortion-free cutting possible with one continuous chip.
- ▶ Rapid performance due to excellent view of the cutting line through the open-front cutting head.

PRODUCT FEATURES

- ▶ Excellent ergonomics and low weight.
- ▶ Motor with outstanding performance and durability.
- ▶ Cutting blade with outstanding service life.
- ▶ 16 ft. [5 m] cable.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 18 gauge [1.2 mm].
- ▶ Wide range of accessories.
- ▶ * with blade for curves.

BSS 2.0 E



For accessories, see page 182

Price includes

1 cutter blade, 1 pair of cutting bars

High-performance slitting shears for stainless steel processing, spiral seam pipes and profiles.

Power consumption	W	350
Power output	W	210
Strokes	spm	1,300 - 2,600
Cutting speed	ft/min [m/min]	6.6 [2] - 13.1 [4]
Steel 56,000 lbf/in ²	gauge [mm]	14 [2.0]
Steel 84,000 lbf/in ²	gauge [mm]	16 [1.5]
Steel 112,000 lbf/in ²	gauge [mm]	17 [1.3]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	11 [3.0]
Cutting width	in [mm]	1/4 [5.0]
Radius of smallest curve	in [mm]	9-3/4 [245]
Immersion dia.	in [mm]	1/2 [12]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.75 [1.70]

Part Number	7 230 33 61 09 0
EAN	4014586874838

BENEFITS OF APPLICATION

- ▶ The high-strength blades make it ideal for stiffening profiles in drywall work and cuts in stainless steel.
- ▶ Durable cutting head for stationary use. The tool can be easily clamped into a vice.
- ▶ Left and right curve cuts and distortion-free cutting possible with one continuous chip.

PRODUCT FEATURES

- ▶ Powerful motor with enough torque even for the most difficult jobs. Suitable for spiral-seam pipes with connecting folds 4 x 1/32 in [4 x 0.75 mm].
- ▶ Ideal for trimming profiled sections.
- ▶ Best suited for trimming and cutting.
- ▶ Motor with outstanding performance and durability.
- ▶ Cutting blade with outstanding service life.
- ▶ 16 ft. [5 m] cable.
- ▶ Clean swarf removal prevents injuries or scratches on workpieces.
- ▶ Stainless steel up to 16 gauge [1.5 mm].
- ▶ Wide range of accessories.

GENERAL ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number
3 39 01 119 00 0



Rapid charger ALG 80
For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50
For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number
9 26 04 131 01 0

18 VOLT BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set
Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

ABSS ACCESSORIES

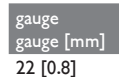


Cutting bars
1 pair

Part Number
3 13 08 153 01 4



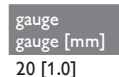
Cutter blade
For stainless steel up to
112,000 lbf/in² [800 N/mm²]



gauge gauge [mm]	Part Number
22 [0.8]	3 13 08 152 00 1



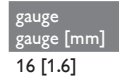
Blade for curves
For steel up to 56,000 lbf/in²
[400 N/mm²]



gauge gauge [mm]	Part Number
20 [1.0]	3 13 08 151 00 8



Cutter blade
For steel up to 56,000 lbf/in²
[400 N/mm²]

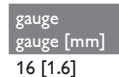


gauge gauge [mm]	Part Number
16 [1.6]	3 13 08 150 00 9

BSS 1.6 E, BSS 1.6 CE ACCESSORIES



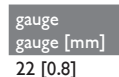
Cutter blade
For steel up to 56,000 lbf/in²
[400 N/mm²]



gauge gauge [mm]	Part Number
16 [1.6]	3 13 08 150 00 9



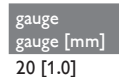
Cutter blade
For stainless steel up to
112,000 lbf/in² [800 N/mm²]



gauge gauge [mm]	Part Number
22 [0.8]	3 13 08 152 00 1



Blade for curves
For steel up to 56,000 lbf/in²
[400 N/mm²]



gauge gauge [mm]	Part Number
20 [1.0]	3 13 08 151 00 8

BSS 1.6 E ACCESSORIES



Cutting bars
1 pair

Part Number
3 13 08 153 02 0

BSS 1.6 E ACCESSORIES



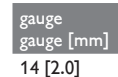
Cutting bars
1 pair

Part Number
3 13 08 153 01 4

BSS 2.0 E ACCESSORIES



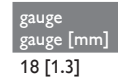
Cutter blade
For steel up to 56,000 lbf/in²
[400 N/mm²]



gauge gauge [mm]	Part Number
14 [2.0]	3 13 08 110 00 3



Cutter blade
For stainless steel up to
112,000 lbf/in² [800 N/mm²]



gauge gauge [mm]	Part Number
18 [1.3]	3 13 08 123 00 8



Cutting bars
2-pack

Part Number
3 13 08 113 00 9

Blade bolt

Part Number
3 13 08 111 00 2

SHEET METAL SHEARS



ABLS 18 1.6 E SELECT

Handy, curve-compatible cordless sheet metal shears for cutting and trimming thin sheet metal.

BLS 1.6 E

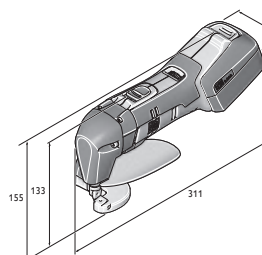
Easy-to-use, curve-compatible sheet metal shear for cutting and trimming thin sheets.

BLS 2.5 E

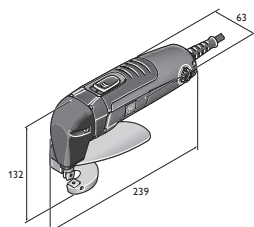
Easy-to-use, curve-compatible sheet metal shear for working with stainless steel.

	page	184	185	186
Application	Cuts	▲▲	▲▲	▲▲
	Curve cuts	▲	▲	▲
Features	Reversing blade		4x	4x
	Chip suppressor			
	FEIN high-performance motor		●	●
Technical specifications	Power consumption	W	350	350
	Power output	W	210	210
	Battery voltage	V	18	
	Battery compatibility	Li-ion / HighPower Li-ions		
	Battery interface	MultiVolt		
	Strokes	spm	2,200 - 3,700	800 - 1,700
	Cutting speed	ft/min [m/min]	19.7 [6] - 29.5 [9]	26.2 [8] - 39.4 [12]
	Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]	13 [2.5]
	Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]	14 [2.0]
	Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]	16 [1.6]
	Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]	11 [3.0]
	Radius of smallest curve	in [mm]	1/2 [15]	3/4 [20]
	Cable with plug	ft [m]	16 [5]	16 [5]
	Weight according to EPTA	lbs [kg]	3.75 [1.70]	4.63 [2.10]
	Weight without battery	lbs [kg]	3.09 [1.40]	

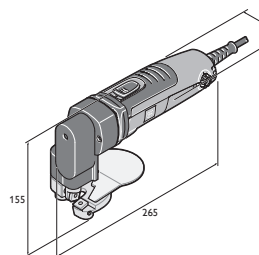
▲▲ very well-suited ▲ suitable ● included



ABLS 18 1.6 E Select



BLS 1.6 E



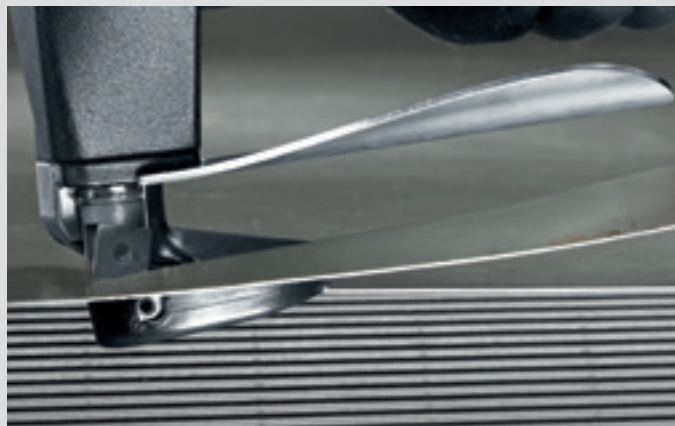
BLS 2.5 E

SHEET METAL SHEARS



Economical and reliable

Sheet metal shears work very efficiently and without material loss at cutting speeds up to 26.2 [8] ft/min [m/min].



Uninterrupted work progress

The hold-down device guides the sheet metal backwards neatly.

ABLS 18 1.6 E



For accessories, see page 187

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 ABL 18 1.6 E, 1 pair of blades, 1 set of wrenches, 1 hand guard, 1 tool case

Handy, curve-compatible cordless sheet metal shears for cutting and trimming thin sheet metal.

Battery voltage	V	18
Battery capacity	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	2,200 - 3,700
Cutting speed	ft/min [m/min]	19.7 [6] - 29.5 [9]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Radius of smallest curve	in [mm]	1/2 [15]
Weight without battery	lbs [kg]	3.09 [1.40]

Part Number	7 130 04 62 09 0
EAN	4014586892412

BENEFITS OF APPLICATION

- ▶ Outstanding ergonomics and compact design for optimal mobility of the shear.
- ▶ Good curve precision with low sheet-metal distortion.
- ▶ Indexible cutting blades with four sides for clean and burr-free cutting with low operating costs.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used 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 power and durability.
- ▶ 459 ft [140 m] cutting capacity with a single battery charge.
- ▶ Stainless steel up to 19 gauge [1.0 mm].

ABLS 18 1.6 E SELECT



For accessories, see page 187

Price includes

1 ABLS 18 1.6 E, 1 pair of blades, 1 set of wrenches, 1 hand guard, 1 tool case

Handy, curve-compatible cordless sheet metal shears for cutting and trimming thin sheet metal.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	2,200 - 3,700
Cutting speed	ft/min [m/min]	19.7 [6] - 29.5 [9]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Radius of smallest curve	in [mm]	1/2 [15]
Weight without battery	lbs [kg]	3.09 [1.40]

Part Number	7 130 04 61 09 0
EAN	4014586892184

BENEFITS OF APPLICATION

- Outstanding ergonomics and compact design for optimal mobility of the shear.
- Good curve precision with low sheet-metal distortion.
- Indexible cutting blades with four sides for clean and burr-free cutting with low operating costs.

PRODUCT FEATURES

- MultiVolt-interface. Cordless tool can be used 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 power and durability.
- 459 ft [140 m] cutting capacity with a single battery charge.
- Stainless steel up to 19 gauge [1.0 mm].

BLS 1.6 E



For accessories, see page 187

Price includes

1 pair of blades, 1 set of wrenches, 1 hand guard

Easy-to-use, curve-compatible sheet metal shear for cutting and trimming thin sheets.

Power consumption	W	350
Power output	W	210
Strokes	spm	2,300 - 4,800
Cutting speed	ft/min [m/min]	26.2 [8] - 39.4 [12]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	18 [1.2]
Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Radius of smallest curve	in [mm]	1/2 [15]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.75 [1.70]

Part Number	7 230 34 61 09 0
EAN	4014586874906

BENEFITS OF APPLICATION

- Outstanding ergonomics and compact design for optimal mobility of the shear.
- Good curve precision with low sheet-metal distortion.
- Indexible cutting blades with four sides 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 durability.
- 16 ft. [5 m] cable.
- Stainless steel up to 19 gauge [1.0 mm].

BLS 2.5 E



For accessories, see page 187

Price includes

1 pair of blades, 1 set of wrenches, 1 hand guard

Easy-to-use, curve-compatible sheet metal shear for working with stainless steel.

Power consumption	W	350
Power output	W	210
Strokes	spm	800 - 1,700
Cutting speed	ft/min [m/min]	9.8 [3] - 19.7 [6]
Steel 56,000 lbf/in ²	gauge [mm]	13 [2.5]
Steel 84,000 lbf/in ²	gauge [mm]	14 [2.0]
Steel 112,000 lbf/in ²	gauge [mm]	16 [1.6]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	11 [3.0]
Radius of smallest curve	in [mm]	3/4 [20]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	4.63 [2.10]

Part Number	7 230 35 61 09 0
EAN	4014586874975

BENEFITS OF APPLICATION

- High performance and powerful motor for the most difficult tasks.
- Unrestricted view of the cutting line makes faster work progress possible.
- Indexible cutting blades with four sides 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.
- 16 ft. [5 m] cable.
- Stainless steel up to 16 gauge [1.6 mm].



GENERAL ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number

3 39 01 119 00 0



Rapid charger ALG 80
For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number

9 26 04 188 01 0



Rapid charger ALG 50
For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number

9 26 04 131 01 0

18 VOLT BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set
Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

ABLS



Plunger and fixed blade
For sheet metal up to
56,000 lbf/in²

Part Number

3 13 08 072 00 0

BLS 1.6 E ACCESSORIES



Plunger and fixed blade
For sheet metal up to
56,000 lbf/in²

Part Number

3 13 08 072 00 0

BLS 2.5 E ACCESSORIES



Plunger and fixed blade
For sheet metal up to
56,000 lbf/in²

gauge
gauge [mm]

16 [1.6]

Part Number

6 36 01 101 00 9

BLS 3.5 ACCESSORIES



Fixed blade
For steel up to 56,000 lbf/in²
[400 N/mm²]

gauge
gauge [mm]

10 [3.5]

Part Number

3 13 08 136 00 2



Fixed blade
For stainless steel up to
112,000 lbf/in² [800 N/mm²]

gauge
gauge [mm]

14 [2.0]

Part Number

3 13 08 143 00 6



Plunger blade
For steel up to 56,000 lbf/in²
[400 N/mm²]

gauge
gauge [mm]

10 [3.5]

Part Number

3 13 08 146 00 1



Plunger blade
For stainless steel up to
112,000 lbf/in² [800 N/mm²]

gauge
gauge [mm]

14 [2.0]

Part Number

3 13 08 147 00 5

BLS 4.2 ACCESSORIES



Fixed blade

Part Number

3 13 08 092 00 8



Plunger blade
For steel up to 56,000 lbf/in²
[400 N/mm²]

gauge
gauge [mm]

7 [4.2]

Part Number

3 13 08 096 00 7



Plunger blade
For stainless steel up to
112,000 lbf/in² [800 N/mm²]

gauge
gauge [mm]

14 [2.0]

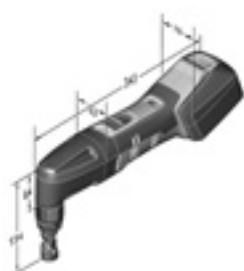
Part Number

3 13 08 098 00 9

NIBBLERS

Machine type			Page		Application			Features	
					Curve cuts	Cut-outs	QuickIN	Cutting direction	Rotating round punch
Cordless	ABLK 18 1.6 E Select	Compact, maneuverable nibbler for roof and facade construction. Precise cuts in trapezoid and corrugated sheet metal and profiles.	190	▲▲	▲▲	●	8 x 45°	●	
	ABLK 18 1.3 CSE Select	Compact, maneuverable nibbler for roof and facade construction. Precise cuts in corrugated sheet metal up to 17 gauge [1.3 mm] thickness.	191	▲▲	▲	●	8 x 45°	●	
Corded	BLK 1.6 E	Universal nibbler for sheets, profiles, trapezoid and corrugated sheet metal.	192	▲	▲▲	●	8 x 45°	●	350 210
	BLK 1.6 LE	Compact nibbler for trapezoidal sheet metal in roof and facade construction.	193	▲▲	▲	●	8 x 45°	●	350 210
	BLK 1.3 TE	Compact and rapid nibbler for trapezoid sheet metals.	193	▲▲	▲	●	8 x 45°	●	350 210
	BLK 1.3 CSE	Compact and rapid nibbler for corrugated sheet metals.	194	▲▲	▲	●	8 x 45°	●	350 210
	BLK 2.0 E	Compact nibbler with unlimited curve compatibility for corners and edges.	194	▲▲	▲▲	●	8 x 45°		350 210
	BLK 3.5	Powerful nibbler with unlimited curve-compatibility for grooves and cut-outs.	195	▲▲	▲	●	3 x 90°		1 200 750
	BLK 5.0	Powerful nibbler for heavy dismantling and cutting applications.	195	▲			3 x 90°		1 200 750

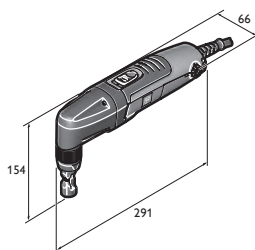
▲▲ very well-suited ▲ suitable ● included



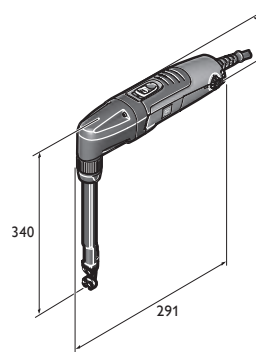
ABLK 18 1.6 E Select



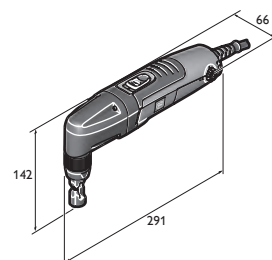
ABLK 18 1.3 CSE Select
ABLK 18 1.3 TE Select



BLK 1.6 E



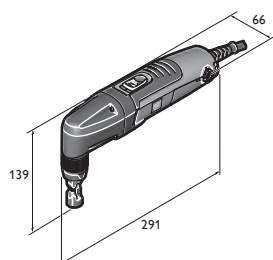
BLK 1.6 LE



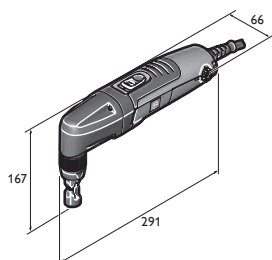
BLK 1.3 TE

Technical specifications

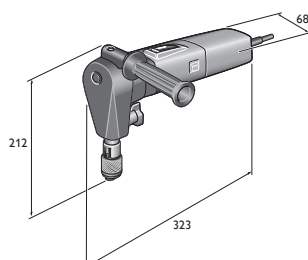
Battery voltage V	Battery compatibility	Battery interface	Strokes rpm	Cutting speed ft/min [m/min]	Steel 56,000 lbf/in ² gauge [mm]	Steel 84,000 lbf/in ² gauge [mm]	Steel 112,000 lbf/in ² gauge [mm]	Non-ferrous metals up to 35,000 lbf/in ² gauge [mm]	Cutting width in [mm]	Immersion Ø with die in [mm]	Radius of smallest curve (inside/outside) in [mm]	Cable with plug ft [m]	Weight according to EPTA lbs [kg]	Weight without battery lbs [kg]
18	Li-ion / HighPower Li-ions	MultiVolt	800 - 1,300	4.9 [1.5]	16 [1.6]	19 [1.0]	22 [0.7]	13 [2.5]	3/16 [5]	7/8 [22]	1-1/4 [30] / 1-1/2 [35]		3.64 [1.65]	
18	Li-ion / HighPower Li-ions	MultiVolt	900 - 1,600	6.2 [1.9]	17 [1.3]	21 [0.8]	24 [0.6]	14 [2.0]	3/16 [4]	3/4 [19]	1/2 [15] / 3/4 [20]		3.53 [1.60]	
			800	6.2 [1.9]	16 [1.6]	19 [1.0]	22 [0.7]	13 [2.5]	3/16 [5]	7/8 [22]	1-1/4 [30] / 1-1/2 [35]	16 [5]	3.97 [1.80]	
			800 - 1,500	8.9 [2.7]	16 [1.6]	19 [1.0]	22 [0.7]	13 [2.5]	3/16 [5]	15/16 [24]	2-1/2 [65] / 2-3/4 [70]	16 [5]	4.19 [1.90]	
			1,000 - 1,800	7.5 [2.3]	17 [1.3]	21 [0.8]	24 [0.6]	14 [2.0]	3/16 [4]	3/4 [19]	1/1 [25] / 1-1/4 [30]	16 [5]	3.97 [1.80]	
			1,000 - 1,800	7.5 [2.3]	17 [1.3]	21 [0.8]	24 [0.60]	14 [2.0]	3/16 [4]	3/4 [19]	1/2 [15] / 3/4 [20]	16 [5]	3.97 [1.80]	
			500 - 1,000	3.3 [1.0]	14 [2.0]	16 [1.5]	19 [1.0]	13 [2.5]	5/16 [8]	11/16 [18]	1/4 [4] / 0	16 [5]	3.97 [1.80]	
			750	4.3 [1.3]	10 [3.5]	13 [2.3]	14 [1.8]	10 [3.5]	9/16 [14]	1-3/16 [30]	1/4 [7] / 0	16 [5]	7.72 [3.50]	
			750	4.3 [1.3]	6 [5.0]	10 [3.3]	13 [2.5]	2 [7.0]	5/16 [8]	1-11/16 [43]	3-1/2 [86] / 3-3/4 [94]	16 [5]	8.38 [3.80]	



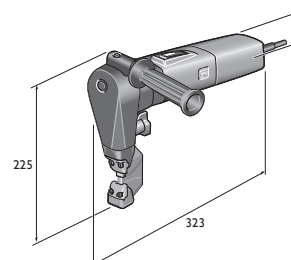
BLK 1.3 CSE



BLK 2.0 E



BLK 3.5



BLK 5.0

NIBBLERS



Especially curve-compatible

Nibblers are extremely easy to maneuver. As a result, you can accomplish complex cuts quickly and with precision.



Easy to manage and ergonomic

Compact, fast, precise: Nibblers let you machine trapezoidal and corrugated sheet metal without pressure.

ABLK 18 1.6 E



For accessories, see page 196

Price includes

2 rechargeable batteries (Li-ion),
1 rapid charger ALG 80, 1 cutting head for
trapezoidal and corrugated sheet metal,
1 die (3 01 09 141 00 3), 1 punch
(6 36 02 048 00 4), 1 tool case

Compact, maneuverable nibbler for roof and facade construction. Precise cuts in trapezoid and corrugated sheet metal and profiles.

Battery voltage	V	18
Battery voltage	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	800 - 1,300
Cutting speed	ft/min [m/min]	4.9 [1.5]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	19 [1.0]
Steel 112,000 lbf/in ²	gauge [mm]	22 [0.7]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	13 [2.5]
Cutting width	in [mm]	3/16 [5]
Immersion Ø with die	in [mm]	7/8 [22]
Radius of smallest curve (inside/outside)	in [mm]	1-1/4 [30] / 1-1/2 [35]
Weight without battery	lbs [kg]	3.64 [1.65]

Part Number	7 132 04 62 09 0
EAN	4014586892429

BENEFITS OF APPLICATION

- ▶ 130 ft [40 m] cutting capacity in 1/32 in [0.8 mm] trapezoid sheet metal with one battery.
- ▶ 4.9 ft./min [1.5 m/min] cutting speed for excellent performance.
- ▶ Variable drilling speed due to electronically adjustable stroke speed.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used with all FEIN Li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 12 gauge [2.6 mm].
- ▶ Optimum handling due to an extremely slim gear head.
- ▶ Comfortable light weight.
- ▶ QuickIN punch and die fast change system.
- ▶ Rotating punch for up to 30 % longer service life.
- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.
- ▶ Proven MULTI MASTER motor with outstanding power and durability.
- ▶ Low operating cost. Punch and die can be changed independently.

ABLK 18 1.6 E SELECT



For accessories, see page 196

Price includes

1 cutting head for trapezoidal and corrugated sheet metal, 1 die (3 01 09 141 00 3), 1 punch (6 36 02 048 00 4), 1 tool case

Compact, maneuverable nibbler for roof and facade construction. Precise cuts in trapezoid and corrugated sheet metal and profiles.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	800 - 1,300
Cutting speed	ft/min [m/min]	4.9 [1.5]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	19 [1.0]
Steel 112,000 lbf/in ²	gauge [mm]	22 [0.7]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	13 [2.5]
Cutting width	in [mm]	3/16 [5]
Immersion Ø with die	in [mm]	7/8 [22]
Radius of smallest curve (inside/outside)	in [mm]	1-1/4 [30] / 1-1/2 [35]
Weight without battery	lbs [kg]	3.64 [1.65]

Part Number	7 132 04 61 09 0
EAN	4014586892221

BENEFITS OF APPLICATION

- ▶ 130 ft [40 m] cutting capacity in 1/32 in [0.8 mm] trapezoid sheet metal with one battery.
- ▶ 4.9 ft./min [1.5 m/min] cutting speed for excellent performance.
- ▶ Variable drilling speed due to electronically adjustable stroke speed.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 12 gauge [2.6 mm].
- ▶ Optimum handling due to an extremely slim gear head.
- ▶ Comfortable light weight.
- ▶ QuickIN punch and die fast change system.
- ▶ Rotating punch for up to 30 % longer service life.
- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.
- ▶ Proven MULTIMASTER motor with outstanding power and durability.
- ▶ Low operating cost. Punch and die can be changed independently.

ABLK 18 1.3 CSE



For accessories, see page 196

Price includes

2 rechargeable batteries (Li-ion), 1 rapid charger ALG 80, 1 die for corrugated sheet metal (3 01 09 169 00 9), 1 punch (6 36 02 050 00 0), 1 tool case

Compact, maneuverable nibbler for roof and facade construction. Precise cuts in corrugated sheet metal up to 17 gauge [1.3 mm] thickness.

Battery voltage	V	18
Battery voltage	Ah	6
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	900 - 1,600
Cutting speed	ft/min [m/min]	6.2 [1.9]
Steel 56,000 lbf/in ²	gauge [mm]	17 [1.3]
Steel 84,000 lbf/in ²	gauge [mm]	21 [0.8]
Steel 112,000 lbf/in ²	gauge [mm]	24 [0.6]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	3/16 [4]
Immersion Ø with die	in [mm]	3/4 [19]
Radius of smallest curve (inside/outside)	in [mm]	1/2 [15] / 3/4 [20]
Weight without battery	lbs [kg]	3.53 [1.60]

Part Number	7 132 05 62 09 0
EAN	4014586892436

BENEFITS OF APPLICATION

- ▶ 131 ft [40 m] cutting capacity in 1/32 in [0.8 mm] corrugated sheet metal with one battery.
- ▶ 6.2 [1.9] ft/min [m/min] cutting speed for excellent performance.
- ▶ Variable drilling speed due to electronically adjustable stroke speed.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 12 gauge [2.6 mm].
- ▶ Optimum handling due to an extremely slim gear head.
- ▶ Comfortable light weight.
- ▶ QuickIN punch and die fast change system.
- ▶ Rotating punch for up to 30 % longer service life.
- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.
- ▶ Proven MULTIMASTER motor with outstanding power and durability.

ABLK 18 1.3 CSE SELECT



For accessories, see page 196

Price includes

1 die for corrugated sheet metal (3 01 09 169 00 9), 1 punch (6 36 02 050 00 0), 1 tool case

Compact, maneuverable nibbler for roof and facade construction. Precise cuts in corrugated sheet metal up to 17 gauge [1.3 mm] thickness.

Battery voltage	V	18
Battery compatibility		Li-ion / HighPower Li-ions
Battery interface		MultiVolt
Strokes	spm	900 - 1,600
Cutting speed	ft/min [m/min]	6.2 [1.9]
Steel 56,000 lbf/in ²	gauge [mm]	17 [1.3]
Steel 84,000 lbf/in ²	gauge [mm]	21 [0.8]
Steel 112,000 lbf/in ²	gauge [mm]	24 [0.6]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	3/16 [4]
Immersion Ø with die	in [mm]	3/4 [19]
Radius of smallest curve (inside/outside)	in [mm]	1/2 [15] / 3/4 [20]
Weight without battery	lbs [kg]	3.53 [1.60]

Part Number	7 132 05 61 09 0
EAN	4014586892238

BENEFITS OF APPLICATION

- ▶ 131 ft [40 m] cutting capacity in 1/32 in [0.8 mm] corrugated sheet metal with one battery.
- ▶ 6.2 [1.9] ft/min [m/min] cutting speed for excellent performance.
- ▶ Variable drilling speed due to electronically adjustable stroke speed.

PRODUCT FEATURES

- ▶ MultiVolt-interface. Cordless tool can be used with all FEIN li-ion batteries (12-18 V).
- ▶ Brief overlapping area up to 12 gauge [2.6 mm].
- ▶ Optimum handling due to an extremely slim gear head.
- ▶ Comfortable light weight.
- ▶ QuickIN punch and die fast change system.
- ▶ Rotating punch for up to 30 % longer service life.
- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.
- ▶ Proven MULTIMASTER motor with outstanding power and durability.

BLK 1.6 E



For accessories, see page 196

Price includes

1 cutting head for trapezoidal 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 metal.

Power consumption	W	350
Power output	W	210
Strokes	spm	800
Cutting speed	ft/min [m/min]	6.2 [1.9]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	19 [1.0]
Steel 112,000 lbf/in ²	gauge [mm]	22 [0.7]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	13 [2.5]
Cutting width	in [mm]	3/16 [5]
Immersion Ø with die	in [mm]	7/8 [22]
Radius of smallest curve (inside/outside)	in [mm]	1-1/4 [30] / 1-1/2 [35]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 232 38 60 12 0
EAN	4014586869889

BENEFITS OF APPLICATION

- ▶ Virtually indestructible. Ideal for flexible and universal use with sheet thickness up to 16 gauge [1.6 mm].
- ▶ Optimum ergonomics, including a motor housing that is up to 20 % slimmer due to an extremely narrow drive head.
- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.

PRODUCT FEATURES

- ▶ QuickIN rapid change system.
- ▶ High cutting speed.
- ▶ Rotating punch for up to 30 % longer service life.
- ▶ Low operating costs due to long tool life of punch and die.
- ▶ Motor with outstanding performance and durability.
- ▶ Chip protection mesh on vent slots.
- ▶ 16 ft. [5 m] cable.
- ▶ Stainless steel up to 22 gauge [0.7 mm].
- ▶ Retrofittable trapezoid profile set up to 6-5/16 in [160 mm] deep channels.

BLK 1.6 LE



For accessories, see page 196

Price includes

1 cutting head, 1 die for trapezoidal sheet metal (3 13 09 122 00 5), 1 punch (6 36 02 049 00 8), 1 wear plate

Compact nibbler for trapezoidal sheet metal in roof and facade construction.

Power consumption	W	350
Power output	W	210
Strokes	spm	800 - 1,500
Cutting speed	ft/min [m/min]	8.9 [2.7]
Steel 56,000 lbf/in ²	gauge [mm]	16 [1.6]
Steel 84,000 lbf/in ²	gauge [mm]	19 [1.0]
Steel 112,000 lbf/in ²	gauge [mm]	22 [0.7]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	13 [2.5]
Cutting width	in [mm]	3/16 [5]
Immersion Ø with die	in [mm]	15/16 [24]
Radius of smallest curve (inside/outside)	in [mm]	2-1/2 [65] / 2-3/4 [70]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	4.19 [1.90]

Part Number	7 232 39 60 12 0
EAN	4014586869957

BENEFITS OF APPLICATION

- An uncompromising tool for handling trapezoid sheet metal with channels up to 6-5/16 in [160 mm] deep.
- Optimum ergonomics, including a motor housing that is up to 20 % slimmer due to an extremely narrow drive head.
- Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.

PRODUCT FEATURES

- QuickIN rapid change system.
- High cutting speed.
- Motor with outstanding performance and durability.
- Chip protection mesh on vent slots.
- 16 ft. [5 m] cable.
- Stainless steel up to 22 gauge [0.7 mm].

BLK 1.3 TE



For accessories, see page 196

Price includes

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.

Power consumption	W	350
Power output	W	210
Strokes	spm	1,000 - 1,800
Cutting speed	ft/min [m/min]	7.5 [2.3]
Steel 56,000 lbf/in ²	gauge [mm]	17 [1.3]
Steel 84,000 lbf/in ²	gauge [mm]	21 [0.8]
Steel 112,000 lbf/in ²	gauge [mm]	24 [0.6]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	3/16 [4]
Immersion Ø with die	in [mm]	3/4 [19]
Radius of smallest curve (inside/outside)	in [mm]	1/1 [25] / 1-1/4 [30]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 232 41 60 12 0
EAN	4014586870090

BENEFITS OF APPLICATION

- Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.
- 7.5 ft./min [2.3 m/min] cutting speed for excellent performance.
- Optimum ergonomics, including a motor housing that is up to 20 % slimmer due to an extremely narrow 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 12 gauge [2.6 mm].
- Rotating punch for up to 30 % longer service life.
- QuickIN rapid change system.
- Stainless steel up to 24 gauge [0.6 mm].
- Motor with outstanding performance and durability.
- 16 ft. [5 m] cable.

BLK 1.3 CSE



For accessories, see page 196

Price includes

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.

Power consumption	W	350
Power output	W	210
Strokes	spm	1,000 - 1,800
Cutting speed	ft/min [m/min]	7.5 [2.3]
Steel 56,000 lbf/in ²	gauge [mm]	17 [1.3]
Steel 84,000 lbf/in ²	gauge [mm]	21 [0.8]
Steel 112,000 lbf/in ²	gauge [mm]	24 [0.60]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	14 [2.0]
Cutting width	in [mm]	3/16 [4]
Immersion Ø with die	in [mm]	3/4 [19]
Radius of smallest curve (inside/outside)	in [mm]	1/2 [15] / 3/4 [20]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 232 42 60 12 0
EAN	4014586870168

BENEFITS OF APPLICATION

- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.
- ▶ 7.5 ft./min [2.3 m/min] cutting speed for excellent performance.
- ▶ Optimum ergonomics, including a motor housing that is up to 20 % slimmer due to an extremely narrow 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 up to 30 % longer service life.
- ▶ QuickIN rapid change system.
- ▶ Stainless steel up to 24 gauge [0.6 mm].
- ▶ Motor with outstanding performance and durability.
- ▶ 16 ft. [5 m] cable.

BLK 2.0 E



For accessories, see page 196

Price includes

1 cutting head, 1 die (3 13 09 040 0 02),
1 punch (6 36 02 051 00 9)

Compact nibbler with unlimited curve compatibility for corners and edges.

Power consumption	W	350
Power output	W	210
Strokes	spm	500 - 1,000
Cutting speed	ft/min [m/min]	3.3 [1.0]
Steel 56,000 lbf/in ²	gauge [mm]	14 [2.0]
Steel 84,000 lbf/in ²	gauge [mm]	16 [1.5]
Steel 112,000 lbf/in ²	gauge [mm]	19 [1.0]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	13 [2.5]
Cutting width	in [mm]	5/16 [8]
Immersion Ø with die	in [mm]	11/16 [18]
Radius of smallest curve (inside/outside)	in [mm]	1/4 [4] / 0
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	3.97 [1.80]

Part Number	7 232 40 60 12 0
EAN	4014586870021

BENEFITS OF APPLICATION

- ▶ High curve precision due to special cutting head geometry. Nibbler can turn on the spot.
- ▶ Especially well-suited for cutting edged sheet metal with a minimum bend radius of 1/8 in [3 mm].
- ▶ Cutting direction setting can be changed in 45° increments up to 360° using tool-free rotating cutting head.

PRODUCT FEATURES

- ▶ QuickIN rapid change system.
- ▶ Optimal ergonomics.
- ▶ Motor with outstanding performance and durability.
- ▶ Ideal for cut-outs.
- ▶ Optimally suited for template cuts.
- ▶ Chip protection mesh on vent slots.
- ▶ 16 ft. [5 m] cable.
- ▶ Stainless steel up to 19 gauge [1.0 mm].

BLK 3.5



For accessories, see page 196

Price includes

1 cutting head, 1 die (3 13 09 093 00 3),
1 punch (3 13 09 097 00 2), 1 wrench,
1 handle

Powerful nibbler with unlimited curve-compatibility for grooves and cut-outs.

Power consumption	W	1,200
Power output	W	750
Strokes	spm	750
Cutting speed	ft/min [m/min]	4.3 [1.3]
Steel 56,000 lbf/in ²	gauge [mm]	10 [3.5]
Steel 84,000 lbf/in ²	gauge [mm]	13 [2.3]
Steel 112,000 lbf/in ²	gauge [mm]	14 [1.8]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	10 [3.5]
Cutting width	in [mm]	9/16 [14]
Immersion Ø with die	in [mm]	1-3/16 [30]
Radius of smallest curve (inside/outside)	in [mm]	1/4 [7] / 0
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	7.72 [3.50]

Part Number	7 232 30 12 63 5
EAN	4014586848952

BENEFITS OF APPLICATION

- ▶ Best suited for grooves and cut-outs in sheet metals, tool can turn on the spot.
- ▶ Cutting direction can be adjusted in three 90° steps without the need for tools.
- ▶ QuickIN rapid change system for rapid, 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 durability.
- ▶ 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°.
- ▶ 16 ft. [5 m] cable.
- ▶ Stainless steel up to 14 gauge [1.8 mm].
- ▶ Wide range of accessories.

BLK 5.0



For accessories, see page 196

Price includes

1 wrench, 1 die (3 13 09 107 00 0), 1 punch
(3 13 09 110 00 4), 1 cutting head, 1 handle

Powerful nibbler for heavy dismantling and cutting applications.

Power consumption	W	1,200
Power output	W	750
Strokes	spm	750
Cutting speed	ft/min [m/min]	4.3 [1.3]
Steel 56,000 lbf/in ²	gauge [mm]	6 [5.0]
Steel 84,000 lbf/in ²	gauge [mm]	10 [3.3]
Steel 112,000 lbf/in ²	gauge [mm]	13 [2.5]
Non-ferrous metals up to 35,000 lbf/in ²	gauge [mm]	2 [7.0]
Cutting width	in [mm]	5/16 [8]
Immersion Ø with die	in [mm]	1-11/16 [43]
Radius of smallest curve (inside/outside)	in [mm]	3-1/2 [86] / 3-3/4 [94]
Cable with plug	ft [m]	16 [5]
Weight according to EPTA	lbs [kg]	8.38 [3.80]

Part Number	7 232 31 12 63 4
EAN	4014586848969

BENEFITS OF APPLICATION

- ▶ 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 three 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°.
- ▶ 16 ft. [5 m] cable.
- ▶ Stainless steel up to 13 gauge [2.5 mm].
- ▶ Wide range of accessories.

GENERAL ACCESSORIES



Tool Case
Plastic, interior dimensions:
18-1/2 x 12-1/4 x 5-1/4 in
[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 case
3 39 01 118 01 0.

Part Number
3 39 01 119 00 0



Rapid charger ALG 80
For all FEIN Li-ion storage
batteries. Charging times: Li-ion
storage battery 18V / 3 Ah:
26 min. (80% of the max.
capacity). Li-ion storage battery
18V / 6 Ah: 38 min. (80% of the
max. capacitance).

Part Number
9 26 04 188 01 0



Rapid charger ALG 50
For all FEIN Li-ion batteries.
Charging time 35 min. or more.

Part Number
9 26 04 131 01 0

18 VOLT BATTERY



Rechargeable battery
Li-ion battery with charge
indicator and FEIN SafetyCell
technology. Protects the battery
and the tool from overloading,
overheating and deep discharge.
Can be used with all FEIN 18 V
cordless tools.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 175 02 0
18	3	9 26 04 182 02 0



Cordless starter set
Durable, lightweight 18 V
Li-ion-batteries with innovative
SafetyCell technology, 5 Ah
capacity and charge indicator.

Current/ Voltage V	Capacity Ah	Part Number
18	6	9 26 04 314 09 0
18	3	9 26 04 315 09 0

(A)BLK 1.6 E ACCESSORIES



Punch

Qty 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

Qty pcs	Part Number
1	3 01 09 141 00 3
2	3 01 09 141 02 0
5	3 01 09 141 03 0



Punch and die set
Set includes 1 punch
6 36 02 048 00 4 and 1 die
3 01 09 141 00 3.

Part Number
6 36 02 048 01 3



Die holder
For trapezoidal and corrugated
sheet metal.

Part Number
3 01 09 154 00 7



Profil-Set 160
For deep-channel trapezoidal
sheet metals 3-3/8 – 6-5/16 in
[85 - 160 mm]. Includes lower die,
lower die holder and upper die.

Part Number
9 26 02 071 01 9

BLK 1.6 LE ACCESSORIES

Punch and die set
Set includes wear plate, screws
and wrench
Profil-Set 160

Part Number
6 36 02 049 01 7



Punch

Qty 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

Qty 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
Profil-Set 160

Part Number
3 13 09 121 00 2

(A)BLK 1.3 CSE ACCESSORIES



Punch
For steel up to 56,000 lbf/in²
[400 N/mm²]

gauge gauge [mm]	Qty pcs	Part Number
18 [1.3]	1	6 36 02 050 00 0
18 [1.3]	5	6 36 02 050 03 0
18 [1.3]	10	6 36 02 050 01 0

Die
For corrugated sheet metal

Qty pcs	Part Number
1	3 01 09 169 00 9
2	3 01 09 169 04 0

Punch and die set
Consisting of 5 punches
6 36 02 050 00 0 and 1 die
3 01 09 169 00 9.

Part Number
3 01 09 169 03 0

(A)BLK 1.3 TE ACCESSORIES

Punch and die set
Consisting of 5 punches
6 36 02 050 00 0 and 1 die
3 01 09 170 00 1.

Part Number
3 01 09 170 03 0

Die
For trapezoidal sheet metal

Qty pcs	Part Number
1	3 01 09 170 00 1
2	3 01 09 170 04 0



BLK 2.0 E ACCESSORIES

Die
RSS 636

Part Number

3 13 09 040 00 2

Punch

Part Number

6 36 02 051 00 9

Punch and die set

includes: 1 Punch
6 36 02 051 00 9 and 1 die
3 13 09 040 00 2

Part Number

6 36 02 051 01 8

BLK 3.5 ACCESSORIES

Punch
For steel up to 56,000 lbf/in²
[400 N/mm²]

Part Number

3 13 09 097 00 2

Punch
For stainless steel up to
112,000 lbf/in² [800 N/mm²]

Part Number

3 13 09 098 00 0

Die
For steel up to 56,000 lbf/in²
[400 N/mm²]

Part Number

3 13 09 093 00 3

Die
For stainless steel up to
112,000 lbf/in² [800 N/mm²]

Part Number

3 13 09 094 00 1

BLK 5.0 ACCESSORIES

Punch and die set

Up to 6 gauge [5.0 mm] steel plate
(56,000 lbf/in² [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

Punch and die set

Up to 12 gauge [3.0 mm] steel
plate (84,000 lbf/in²
[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

Chip bag

Part Number

3 13 09 114 00 8

Punch

Up to 2 gauge [7.0 mm] aluminum
sheet (35,000 lbf/in²
[250 N/mm²]), up to 6 gauge steel
sheet (56,000 lbf/in²
[400 N/mm²])

Part Number

3 13 09 110 00 4

Punch

Up to 12 gauge [3.0 mm] stainless
steel plate (84,000 lbf/in²
[600 N/mm²])

Part Number

3 13 09 134 00 6

Die

For steel sheet up to 6 gauge
thickness

Part Number

3 13 09 107 00 0

Die

Up to 12 gauge [3.0 mm] stainless
steel plate (84,000 lbf/in²
[600 N/mm²])

Part Number

3 13 09 108 00 8

Die

Up to 2 gauge [7.0 mm] aluminum
sheet (35,000 lbf/in²
[250 N/mm²]), up to 6 gauge steel
sheet (56,000 lbf/in²
[400 N/mm²])

Part Number

3 13 09 109 00 2

RECIPROCATING
SAWS FOR PIPE



ASTX 649-1

Powerful hacksaw for pipes and profiled sections.



ASTXE 649-1

Powerful hacksaw for pipes and profiled sections with continuously variable stroke adjustment.

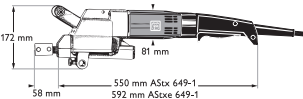


STS 325 R

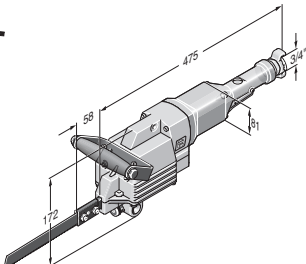
Pneumatic hacksaw for pipes and profiled sections.

	page	199	199	199
Features	Electric drive	●	●	
	Compressed-air drive			●
	Adjustable stroke number		●	
Technical specifications	Power consumption	W	750	750
	Operating pressure	psi[bar]		87 [6.0]
	Air consumption	cfm[m³/min]		51 [1.45]
	Power output	W	480	480
	Strokes	spm	350	100 - 350
	Stroke of blade	in [mm]	2-1/4 [60]	2-1/4 [60]
	Pipes up to Ø	in [mm]	17-1/4 [440] *	15-3/4 [400] *
	Profiles up to W x H	in [mm]	11-1/2 [290] x 21-3/4 [550]	11-1/2 [290] x 19-3/4 [500]
	Cable with plug	ft [m]	8 [2.5]	8 [2.5]
	Weight according to EPTA	lbs [kg]	13.45 [6.10]	14.11 [6.40]

● included * Chain extension available.



AS_{TX} 649-1
AS_{TXE} 649-1
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STS 325 R

ASTX 649-1



For accessories, see page 200

Price includes

2 saw blades (type 063), 1 handle,
1 wrench set

Powerful hacksaw for pipes and profiled sections.

Power consumption	W	750
Power output	W	480
Strokes	spm	350
Stroke of blade	in [mm]	2-1/4 [60]
Pipes up to Ø	in [mm]	17-1/4 [440] *
Profiles up to W x H	in [mm]	11-1/2 [290] x 21-3/4 [550]
Cable with plug	ft [m]	8 [2.5]
Weight according to EPTA	lbs [kg]	13.45 [6.10]

Part Number	7 234 22 00 23 0
EAN	4014586858470

BENEFITS OF APPLICATION

- ▶ Ideally suited for cutting pipes and profiles made of steel, cast iron, autoclaved aerated concrete, and plastics.
- ▶ Clamp and feed device available for profiles and pipes from Ø 3-1/8 in [80 mm] to Ø 24 in [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.
- ▶ * Chain extension available.

ASTXE 649-1



For accessories, see page 200

Price includes

2 saw blades (type 063), 1 handle,
1 wrench set

Powerful hacksaw for pipes and profiled sections with continuously variable stroke adjustment.

Power consumption	W	750
Power output	W	480
Strokes	spm	100 - 350
Stroke of blade	in [mm]	2-1/4 [60]
Pipes up to Ø	in [mm]	15-3/4 [400] *
Profiles up to W x H	in [mm]	11-1/2 [290] x 21-3/4 [550]
Cable with plug	ft [m]	8 [2.5]
Weight according to EPTA	lbs [kg]	14.11 [6.40]

Part Number	7 234 23 09 36 0
EAN	4014586872506

BENEFITS OF APPLICATION

- ▶ Ideally suited for cutting pipes and profiles made of steel, cast iron, autoclaved aerated concrete, and plastics.
- ▶ Clamp and feed device available for profiles and pipes from Ø 3-1/8 in [80 mm] to Ø 24 in [400 mm].
- ▶ Especially suitable for sandwich material and layers of different materials.
- ▶ Electronic speed control for optimal cutting speed.

PRODUCT FEATURES

- ▶ Adjustable clamping devices permit mitre cuts up to 45° as well.
- ▶ * Chain extension available.

STS 325 R



For accessories, see page 200

Price includes

2 saw blades (type 063), 1 wrench set,
1 handle, 1 hose coupling

Pneumatic hacksaw for pipes and profiled sections.

Operating pressure	psi [bar]	87 [6.0]
Air consumption	cfm [m³/min]	51 [1.45]
Power output	W	1,100
Strokes	spm	330
Stroke of blade	in [mm]	2-1/4 [60]
Pipes up to Ø	in [mm]	17-1/4 [440] *
Profiles up to W x H	in [mm]	11-1/2 [290] x 19-3/4 [500]
Weight according to EPTA	lbs [kg]	15.87 [7.20]

Part Number	7 534 08 13 00 0
EAN	4014586855646

BENEFITS OF APPLICATION

- ▶ Ideally suited for cutting pipes and profiles made of steel, cast iron, autoclaved aerated concrete, and plastics.
- ▶ Clamp and feed device available for profiles and pipes from Ø 3-1/8 in [80 mm] to Ø 24 in [400 mm].
- ▶ Adjustable clamping devices permit mitre cuts up to 45° as well.

PRODUCT FEATURES

- ▶ Clamp and feed device available.
- ▶ Adjustable clamping fixtures.
- ▶ * Chain extension available.

RECIPROCATING SAWS FOR PIPE

GENERAL ACCESSORIES



Tool Case
Metal

Width in [mm]	Length in [mm]	Height mm	Part Number
9-1/2 [240]	27-1/4 [690]	160	3 39 01 022 01 4



Cutting paste
Lubricant for working on sheet metal.

Part Number
3 21 32 020 12 9



Clamp and Feed Device
(W x D x H) 11 x 11 x 15-1/2 in [280 x 285 x 395 mm], Designed for pipe diameter from 3 [80 mm] up to 15-3/4 in [400 mm].

Part Number
9 07 02 005 00 0

Protective Steel Jaws
For use with Adjustable Strap Clamp (prevents damage to work surface – 4 required).

Part Number
3 13 27 064 00 8



Cleaning block
Rhombus block for cleaning carbide-tipped and diamond-coated accessories.

Part Number
6 37 19 007 01 0



Pipe Clamp
Designed for pipe diameter up to 6 in [159 mm], also for angle cuts.

Part Number
9 07 02 001 00 1



Pipe Clamp
Pipe Clamp is designed for pipes from 4 in [100 mm] up to 12-3/4 in [325 mm] diameter. Up to 17 in [440 mm] diameter with extension chain

Part Number
9 07 02 004 00 6



Pipe Clamp
Pipe Clamp is designed for T- and I-Beam stock with profiles up to 21-5/8 in [550 mm] high and 12-3/16 in [310 mm] wide.

Part Number
9 07 02 003 00 8



Saw Blade Guide
The Saw Blade Guide is used on pipe up to 12-3/4 in [325 mm] diameter and blades up to 20-3/4 in [530 mm] long. Guides blade to center of cutting area.

Part Number
9 06 06 002 00 9



Free-Hand Support
Tool Support to allow better handling and more control while cutting. Not for use with Pipe Clamps or Saw Blade Guide.

Part Number
3 27 14 062 02 3

Splitting wedge
Prevents the jamming of the saw blade

Part Number
6 33 05 006 00 8

STS 325 R ACCESSORIES

Hose coupling

Part Number
4 11 40 004 00 7



SAW BLADES

	Non-ferrous metals and steel 56,000 lbf/in [400 N/mm ²]	Steel more than 56,000 lbf/in [400 N/mm ²] and cast iron	Miscellaneous	Length in [mm]	Tooth spacing in [mm]	Thickness in [mm]	Weight (net) lbs [kg]	Material	Part Number
	x	x	≤ Ø 80	8 [200]	24 [1.0]	1/16 [1.5]	0.13 [0.06]	HSS	6 35 03 067 00 6
	x	x	≤ Ø 80	8 [200]	16 [1.6]	1/16 [1.5]	0.13 [0.06]	HSS	6 35 03 066 00 2
	x	x	≤ Ø 170 ¹	12 [300]	16 [1.6]	1/16 [1.5]	0.13 [0.06]	HSS	6 35 03 063 00 7
	x	x	≤ Ø 260 ¹	16 [400]	16 [1.6]	1/16 [1.5]	0.29 [0.13]	HSS	6 35 03 064 00 5
	x	x	≤ Ø 350 ²	20 [500]	14 [1.8]	5/64 [2.0]	0.40 [0.18]	HSS	6 35 03 072 00 2
	x	x	≤ Ø 440 ²	24 [600]	14 [1.8]	5/64 [2.0]	0.46 [0.21]	HSS	6 35 03 073 00 6
	x	x		12 [300]	12 [2.1]	1/16 [1.5]	0.18 [0.08]	HSS	6 35 03 070 00 0
	x		*	21 [530]	12 [2.1]	1/16 [1.5]	0.37 [0.17]	HSS	6 35 03 069 00 8
	x (AL)		Plastic	8 [200]	8 [3.2]	1/16 [1.5]	0.13 [0.06]	HSS	6 35 03 065 00 9
	x (AL)		Plastic	16 [400]	8 [3.2]	1/16 [1.5]	0.29 [0.13]	HSS	6 35 03 068 00 4
			PE pipes, porous concrete	12 [300]	4 [6.3]	1/16 [1.5]	0.18 [0.08]		6 99 08 104 00 7

HACKSAW BLADES

	Length in	Teeth in [mm]	Material	Part Number
	37	37 [2.1]	Z22-37 HSS	6 99 08 104 00 1
	21	21 [6.3]	Z22-40 HSS	6 99 08 104 00 2
	12	12 [6.3]	Z22-71 HSS	6 99 08 104 00 7
	24	24 [3.2]	Z22-74 HSS	6 99 08 104 01 0
	30	30 [2.1]	Z22-75 HSS	6 99 08 104 01 1

HACKSAW BLADES

Blade for PVC or wood	Length in	Teeth in [mm]	Material	Part Number
	16	4 [6.3]	Z22-32 WS	6 99 08 104 00 0

* only with saw blade guide 9 06 06 002 00 9

¹ for use with the FEIN clamp 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 Ø 440 mm, chain 3 02 31 003 00 3 and bolt 3 02 16 130 00 4 also required

RECIPROCATING SAWS FOR PIPE

HD SAW BLADES

Special saw blades for cutting steel and stainless steel. HD saw blades are noted for their long service life and rapid sawing speed.

	Non-ferrous metals and steel 56,000 lbf/in [400 N/mm ²]	Steel more than 56,000 lbf/in [400 N/mm ²] and cast iron	Miscellaneous	Length in [mm]	Tooth spacing in [mm]	Thickness in [mm]	Weight (net) lbs [kg]	Material	Part Number
	x	x	≤ 170 dia. ¹	12 [300]	16 [1.6]	5/64 [2.0]	0.08	HSS	6 35 03 093 00 4
	x	x	≤ 350 dia. ²	20 [500]	14 [1.8]	5/64 [2.0]	0.18 [0.08]	HSS	6 35 03 099 00 5
	x	x	≤ 325 dia.*	21 [530]	12 [2.1]	1/16 [1.6]	0.37 [0.17]	HSS	6 35 03 100 00 6
	x	x	≤ 260 dia. ¹	16 [400]	12 [2.1]	5/64 [2.0]	0.40 [0.18]	HSS	6 35 03 094 00 2
	x	x	≤ 260 dia. ¹	16 [400]	8 [3.2]	5/64 [2.0]	0.40 [0.18]	HSS	6 35 03 095 00 6
	x	x	≤ 440 dia. ²	24 [600]	14 [1.8]	5/64 [2.0]	0.46 [0.21]	HSS	6 35 03 098 00 1

HACKSAW BLADES

	Length in	Teeth in [mm]	Material	Part Number
	12	16 [1,6]	Z22-6 HSS-SL	6 99 08 104 00 3
	21 13/16	12 [2,1]	Z22-30 HSS-SL	6 99 08 104 00 6

TD SAW BLADES

TD saw blades are suitable for cutting wet and dry pipes. They are noted for rapid sawing speed and for clean cuts.

	for ductile cast-iron pipes, also with cement mortar cladding and grey cast iron pipes	Pipes dia. (DN) in [mm]	Length in [mm]	Coating length in [mm]	Thickness in [mm]	Weight lbs [kg]	Part Number
	x	3-1/8 - 5-7/8 ³	13 [320]	10 [260]	3/32 [2.2]	0.24 [0.11]	6 35 03 096 01 8
	x	3/8 - 11-7/8 ³	19 [490]	17 [430]	7/64 [2.9]	0.49 [0.22]	6 35 03 097 01 2

HACKSAW BLADES

	Length in	Material	Part Number
	12	Z22-6 CARBIDE	6 99 08 104 00 4
	16	Z22-7 CARBIDE	6 99 08 104 00 5
	20	Z22-72 CARBIDE	6 99 08 104 00 8
	24	Z22-73 CARBIDE	6 99 08 104 00 9

* only with saw blade guide 9 06 06 002 00 9

¹ for use with the FEIN clamp 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 Ø 440 mm, chain 3 02 31 003 00 3 and bolt 3 02 16 130 00 4 also required

³ to be used with the FEIN clamp and feed device 9 07 02 005 00 0

METAL CUTTING SAWS



7-1/4 IN SLUGGER METAL CUTTING SAW

The Slugger 7-1/4 in Metal Saw is a high performance, durable solution for metal cutting.

9 IN SLUGGER METAL CUTTING SAW

The Slugger 9 in Metal Saw is the high performance, durable solution for metal cutting.

14 IN SLUGGER METAL CUTTING SAW

The Slugger 14 in Metal Saw is a high performance, durable solution for metal cutting.

Technical specifications	page	204	204	204
	Power consumption	W	1,400	1,800
	No load speed	rpm	3,800	2,300
	Saw blade Ø	in [mm]	7-1/4 [185]	9 [230]
	Arbor	in [mm]	3/4 [20]	1 [25.4]
	Max. depth of cut	in [mm]	2-1/4 [60]	3-1/4 [80]
	Max. depth of cut - square	in [mm]		4-3/4 [121]
	Max. depth of cut - round	in [mm]		5 [130]
	Weight	lbs [kg]	15 [6.8]	21 [9.5]

7-1/4 IN SLUGGER METAL CUTTING SAW



For accessories, see page 205

Price includes

1 tool case, 1 blade, 1 wrench, 1 guide plate, 1 safety eyewear, 1 ear protection, 1 instruction manual

The Slugger 7-1/4 in Metal Saw is a high performance, durable solution for metal cutting.

Current/Voltage	V	120
Power consumption	W	1,400
No load speed	rpm	3,800
Saw blade Ø	in [mm]	7-1/4 [185]
Arbor	in [mm]	3/4 [20]
Max. depth of cut	in [mm]	2-1/4 [60]
Weight	lbs [kg]	15 [6.8]

Part Number	6 990 81 20 00 0
EAN	663695102406

BENEFITS OF APPLICATION

- Powerful double-insulated motor for continuous loads
- Internally powered laser (no batteries required)
- Spring loaded lower guard

PRODUCT FEATURES

- Integrated chip collection
- Soft start
- Electric brake
- Smooth bevel and angle cutting adjustments
- Well balanced handle design for better control

9 IN SLUGGER METAL CUTTING SAW



For accessories, see page 205

Price includes

1 tool case, 1 blade, 1 wrench, 1 guide plate, 1 safety eyewear, 1 ear protection, 1 instruction manual

The Slugger 9 in Metal Saw is the high performance, durable solution for metal cutting.

Current/Voltage	V	120
Power consumption	W	1,800
No load speed	rpm	2,300
Saw blade Ø	in [mm]	9 [230]
Arbor	in [mm]	1 [25.4]
Max. depth of cut	in [mm]	3-1/4 [80]
Weight	lbs [kg]	21 [9.5]

Part Number	6 990 81 20 00 1
EAN	663695102413

BENEFITS OF APPLICATION

- Worm gear drive
- Internally powered laser (no batteries required)
- Spring loaded lower guard

PRODUCT FEATURES

- LED lighted power & laser switches
- Powerful double-insulated motor for continuous loads
- Soft start
- Electric brake
- Smooth bevel and angle cutting adjustments
- Well balanced handle design for better control
- Integrated chip collection
- Clear view for more accurate cutting

14 IN SLUGGER METAL CUTTING SAW



For accessories, see page 205

Price includes

1 blade, 1 wrench, 1 table vise, 1 safety eyewear, 1 ear protection, 1 instruction manual

The Slugger 14 in Metal Saw is a high performance, durable solution for metal cutting.

Current/Voltage	V	120
Power consumption	W	1,800
No load speed	rpm	1,300
Saw blade Ø	in [mm]	14 [355]
Arbor	in [mm]	1 [25.4]
Max. depth of cut - square	in [mm]	4-3/4 [121]
Max. depth of cut - round	in [mm]	5 [130]
Weight	lbs [kg]	54 [24.4]

Part Number	7 290 53 61 12 0
EAN	4014586730042

BENEFITS OF APPLICATION

- Low speed high torque motor
- High precision durable steel construction
- Cast aluminum base

PRODUCT FEATURES

- Quick release table/base clamp cuts 0° to 45°
- Smooth bevel and angle cutting adjustments
- Eye protection plate.
- Table/base clamp with quick release
- Depth stop.
- Well balanced handle design for better control
- Integrated chip collection

7 AND 7-1/4 IN SAW BLADES



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Mild steel up to 5/16 in (8 mm) solid material

Dia. in [mm]	Teeth	Part Number
7 [180]	36	6 35 02 007 50 0
7-1/4 [185]	36	6 35 02 007 20 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Aluminum up to 3/8 in (9.5 mm) solid material

Dia. in [mm]	Teeth	Part Number
7 [180]	54	6 35 02 007 51 0
7-1/4 [185]	54	6 35 02 007 21 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Stainless Steel up to 1/4 in (6 mm) solid material

Dia. in [mm]	Teeth	Part Number
7 [180]	48	6 35 02 007 52 0
7-1/4 [185]	48	6 35 02 007 22 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Thin Steel up to 1/4 in (6 mm) solid material

Dia. in [mm]	Teeth	Part Number
7 [180]	48	6 35 02 007 53 0

8 AND 9 IN SAW BLADES



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Mild Steel up to 1/2 in (12.7 mm) solid material

Dia. in [mm]	Teeth	Part Number
8 [203]	42	6 99 08 120 44 1
9 [230]	48	6 35 02 009 54 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Aluminum up to 5/8 in (15.9 mm) solid material

Dia. in [mm]	Teeth	Part Number
9 [230]	60	6 35 02 009 55 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Stainless Steel up to 5/16 in (8 mm) solid material

Dia. in [mm]	Teeth	Part Number
9 [230]	60	6 35 02 009 56 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Thin Steel up to 1/4 in (6 mm) solid material

Dia. in [mm]	Teeth	Part Number
9 [230]	60	6 99 08 120 44 8

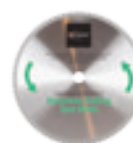
14 IN SAW BLADES



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Mild Steel up to 1/2 in (12.7 mm) solid material

Dia. in [mm]	Teeth	Part Number
14 [355]	66	6 35 02 014 60 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Aluminum up to 5/8 in (15.9 mm) solid material

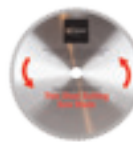
Dia. in [mm]	Teeth	Part Number
14 [355]	90	6 35 02 014 61 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Stainless Steel up to 5/16 in (8 mm) solid material

Dia. in [mm]	Teeth	Part Number
14 [355]	90	6 35 02 014 62 0



Saw blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.
Thin Steel up to 1/4 in (6 mm) solid material

Dia. in [mm]	Teeth	Part Number
14 [355]	90	6 35 02 014 63 0



TCG blade

The Slugger metal saw blades are designed for fast and accurate cuts in mild & thin metal, aluminum and stainless steel. Compared to traditional abrasive-type blades, Slugger metal blades perform faster, more accurate cuts and maintain a lower temperature with less dust.

The Slugger TCG metal saw blades are designed for high durability in hard plastics, composite materials, non-ferrous metals and hardwoods. Slugger TCG metal saw blades will last longer and not dull as fast as the standard blades, when used in these types of materials.

Dia. in [mm]	Teeth	Part Number
14 [355]	66	6 99 08 120 45 4

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.



ALWAYS NEAR YOU: FEIN

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