

**FEIN. Unverwüstliche  
Elektrowerkzeuge.**



**JUNE 2018**

# **FEIN METALWORKING CATALOGUE**

**FEIN is the declared solution provider,**

**MADE FOR  
METAL**

**as confirmed by professionals.**

# We're developing the future.

## 150 Years of FEIN. A timeless promise.

For over 150 years, the FEIN brand has stood for application solutions and premium quality. Today this long-established company is a power tool manufacturer with an international reputation as a first class German manufacturer that develops and produces products that provide solutions for the metalworking, interior construction and automotive sectors. FEIN is the specialist for professional and extremely reliable power tools for industry and skilled trades. Each and every FEIN high performance power tool meets the challenge of solving an application with an operator-oriented approach, living up to the FEIN reputation for durability and performance.





# WELCOME TO FEIN

## FEIN CANADA

Since 1964, the FEIN Canadian Power Tool Company has followed closely in the footsteps of history and tradition by offering the Canadian market quality products.

With a high level of application expertise and service, FEIN Canada is recognized as a solution provider to the industrial and renovation markets.



### FEIN: the core drilling specialists

FEIN offers you a core drilling system for metal in which machine, core bits, and accessories are precisely matched to each other. Robust and durable core drills, with an extensive range of cutters and system accessories, to provide the correct solution for every application.



### FEIN: proven in metalworking

Grinders, nibblers, shears, hacksaws, drills, screwdrivers, balancers and more. With a constantly growing range of industry-specific solutions for metalworking, our industrial and trade customers achieve the maximum in efficiency and productivity.



### FEIN: high performance abrasives

State-of-the-art quality, high performance products made for serious industrial applications yet competitively priced. Specially developed product line based on expertise gained from numerous years of extensive industry experience.



### FEIN: belt grinding systems for professionals

GRIT, the modular belt grinder brand from FEIN, is a system based on the building block principle. Offering flexibility in grinding and notching pipe, square and rectangular tubing, bar stock and profiles, and efficient finishing of round stock. Tough, flexible and cost-effective.

### FEIN: the leader in finishing expertise

FEIN polishers are the most powerful on the market and feature electronic speed control for constant speed and torque over the entire setting range. Whether inline finishing, stainless steel satin finishing, or mirror finish preparation; achieve excellent results with the FEIN range of polishing tools and wide selection of polishing accessories.

### FEIN: revolutionizing the renovation industry

Over 40 years of oscillating technology makes FEIN world leaders in oscillation. Application-oriented, versatile and powerful systems for construction and renovation are offered with an extensive selection of accessories. FEIN oscillators, dust extractors, and sanding systems are the choice for professionals.

### FEIN: tried and true specialty products

High-Frequency Systems, Pipemilling Tools, Balancers, and Build-On Motors are some of the specialty products offered by FEIN as solutions for specialized applications.



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**FEIN is the declared solution provider, as confirmed by professionals.**

FEIN is committed to manufacturing in Germany. New and innovative production solutions are constantly being developed using the latest production methods.

Comprehensive quality management and highly-trained associates ensure that only products which completely satisfy our own high standards are allowed to leave our factory. This ensures that our products always live up to the high demands placed on them every day during tough, continuous use in trades and industry.

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# FEIN WARRANTY

## 3-YEAR EXTENDED FEIN PLUS WARRANTY

All registrations for the FEIN PLUS Extended Warranty Program must be placed directly with FEIN via: [www.fein.ca](http://www.fein.ca)

In addition to our standard one year warranty, you may extend warranty coverage for a further two years (for a total of three years from delivery) by registering your product purchase online at the above address within six weeks of the purchase date.



Retain your proof of registration as confirmation of your enrolment in the FEIN PLUS Warranty Program. Registration will require you to provide all of the information requested and consent to the storage of your information pursuant to the privacy policy posted. Other than the term of coverage, all other terms and conditions of warranty service under our standard one year warranty will apply to the extended FEIN PLUS Warranty Program. You are covered by our standard one year warranty regardless of whether or not you elect to register for extended coverage under the FEIN PLUS Warranty Program. Products not eligible for the extended warranty program are: FEIN AccuTec screwdrivers, balancers, pipe processing tools, pneumatic tools, high-frequency tools, Slugger metal cutting saws.

### FEIN Warranty Centres:

For warranty information or locations, call 1-800-265-2581 or visit [www.fein.ca](http://www.fein.ca).

## FEIN CANADA ENHANCED GRINDER WARRANTY

Period	Covered	Not Covered
<b>YEAR 1</b>	All internal components Includes brushes, gears, armature, field, electronics	Damaged exterior housings Power cords Damaged interior components due to the following: 1) Diameter of wheel used exceeds the rated tool capacity 2) Damage due to moisture
<b>YEAR 2 &amp; 3</b> <b>Must be registered for extended warranty</b> <b>No exceptions</b>	All internal components <b>excluding wear parts</b> i.e. brushes and bearings	Brushes and bearings Damaged exterior housings Power cords Damaged interior components due to the following: 1) Diameter of wheel used exceeds the rated tool capacity 2) Damage due to moisture

### Terms & Conditions

- ▶ 1+2 Enhanced Warranty only on FEIN angle grinders purchased after SEPTEMBER 1, 2015.
- ▶ Only applicable to grinders purchased through authorized Canadian Distributors.
- ▶ Proof of purchase must be provided.
- ▶ All claims must be approved by FEIN Canada Service Manager.
- ▶ Repetitive failures due to abuse / overwork subject to refusal of coverage.
- ▶ FEIN reserves to right to request site visit for evaluation before authorizing warranty.

**Exclusions:** Program not applicable to grinders purchased outside of Canada.

**Excludes:** WSG 7-115, WSG 7-116 PT, High-Frequency Grinders, Die Grinders



## FEIN ORDER DESK

### HOURS OF OPERATION

8:00 AM - 4:30 PM EST  
24-hour Voice Mail

323 Traders Blvd. East  
Mississauga, Ontario  
Canada L4Z 2E5

### ✉ EMAIL

orders@fein.ca

### ☎ TELEPHONE

905-890-1390  
Toll free: 1-800-265-2581  
Français: 1-800-789-8181  
Fax: 905-890-1866



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## FEIN Mobile Training Centres

Travel across Canada showcasing the FEIN product line and provide training on the fly for busy distributors and end users.



## FEIN Service

For technical support or service inquiries, contact us at 1-800-265-2581

For parts breakdowns visit [www.fein.ca](http://www.fein.ca)



## Profit from FEIN system expertise.

No other power tool manufacturer offers you as much experience in the magnetic base drilling field. Knowledge built up over decades is built into every aspect of FEIN core drilling. FEIN offers you a core drilling system for metal in which machine, annular cutters, and accessories are precisely matched to each other. Premium quality, first class materials and excellent workmanship make FEIN core drills durable in the truest sense of the word. Whether you are drilling steel, stainless steel, or aluminium, our extensive range of annular cutters and system accessories, can provide the correct solution for every application.

### AUTOMATIC



#### Maximum efficiency with fully automatic drill feed.

Save time and money while getting precise, repeatable results at the push of a button. The automatic drilling functionality of the Auto series provides consistent and programmed drilling times allowing for work hours to be planned. The digitally controlled drill feed assists the ease of operation.

### UNIVERSAL



#### Universal drills with functionality in mind.

Outstanding universal performance with quality and technology to boot. The Universal series magnetic base drill series offers the precision tools needed to complete any job with repeatability and consistency. Tapping, reaming, countersinking, with MT2 or MT3 capabilities and double dove tail for very large stroke.

### COMPACT



#### Any space, any place - small profiles for tight-fitting areas.

Compact and adaptable, for tight spaces that need precise results. Where other magnetic drills just can't fit, the Compact series is there to get even the tightest job done. Sturdy, robust construction with fixed motor.

### ENDURANCE



#### Productivity at an economical price.

Quality, superior durability and essential functionality, these drills are more than capable of handling any drilling task. Solid construction and ease of operation for general drilling applications. Built for endurance and portability on the jobsite.

### MOBILE



#### One system for all hole drilling applications - any place, any where.

Core drilling, twist drilling, tapping, hole saw - combine the advantages of four drilling applications into a single system. This innovative hand-held drilling technology provides unmatched cost-effectiveness with the maximum in flexibility and versatility.



# CORE DRILLING OVERVIEW



**Core drilling as never before; always and everywhere.**

With more precision, speed and ease of use than ever before, Sluggger by FEIN core drills deliver the best results in the shortest time. Since they don't require pre-drilling or retooling, they offer rapid work performance and reduce effort to a minimum. All this - saves time, energy and money.

Combine Sluggger core drills with our range of cutters and accessories to create a core drilling system that can meet the challenge of any application.



**NEW CORDLESS MODEL AJMU137**



Series	UNIVERSAL					AUTOMATIC		MOBILE
	AJMU137	JMU137	JCM200QX	JCM200U	JCM256U	JCM200Auto	JCM312Auto	KBH25
Core drilling in metal up to 1" (25mm) dia.								▲▲
up to 1 3/8" (35 mm) dia.	▲▲	▲▲						
up to 2" (50 mm) dia.			▲▲	▲▲	▲▲	▲▲	▲▲	
up to 2 9/16" (65 mm) dia.					▲▲		▲▲	
up to 3 1/8" (80 mm) dia.							▲▲	
Use of carbide annular cutters	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Use of HSS annular cutters	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	
Twist drilling with drill chuck (DIN 338)	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Twist drilling with MT holder (DIN 345)	▲▲	▲▲		▲▲	▲▲	▲▲	▲▲	
Tapping	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Countersinking	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Reaming	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	
Fully-automatic drilling						▲▲	▲▲	
Working overhead	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲	▲▲
Installation work	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲	▲▲
Workshop jobs	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲

Series	ENDURANCE					COMPACT	
	JHM ShortSluggger	JHM Holemaker II	JME Holemaker III	JHM USA101	JHM USA5	JMC USA90	JHM Magforce
Core drilling in metal:							
up to 1 3/16" (30 mm) dia.	▲▲				▲▲	▲▲	▲▲
up to 1 3/8" (35 mm) dia.		▲▲	▲▲			▲▲	
up to 1 1/2" (40 mm) dia.						▲▲	▲▲
up to 2 3/8" (60 mm) dia.						▲▲	
Twist drilling		▲	▲▲	▲▲	▲▲	▲	
Countersinking	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Use of HSS core drill bits	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Use of carbide core drill bits	▲	▲	▲▲	▲		▲▲	▲
Working in tight spaces	▲▲	▲▲	▲			▲▲	▲▲
Working overhead	▲▲	▲▲	▲	▲▲	▲	▲▲	▲▲
Installation work	▲▲	▲▲	▲▲	▲▲	▲	▲▲	▲▲
Workshop jobs	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲

▲ well suited ▲▲ very well suited

## CORE DRILLS - UNIVERSAL

**JMU137 – the smallest, most versatile and portable mag drill on the market.**

The new JMU137 with all the features and benefits of a drill press but fits into small spaces. Extremely flexible and versatile use: core drilling, twist drilling, tapping, countersinking and reaming.



- Compact design - perfect power-to-weight ratio
- Reverse + electronic speed settings + memory
- Extra-large stroke range
- Extra magnetic switch (drill jig)
- FEIN high-power motor with tacho electronics
- Tilt sensor
- Extremely tough construction
- Pivoting motor cable [patented]
- One-hand operation
- Magnet monitoring system

Model		JMU137 QW	JMU137-2 QW	JMU137 MQW
Order #		72705461120	72705861120	72705661120
Carbide core bit max. Ø	in (mm)	1 3/8" (35)	1 3/8" (35)	1 3/8" (35)
HSS core bit max. Ø	in (mm)	1 3/8" (35)	1 3/8" (35)	1 3/8" (35)
Core drilling depth max. Ø	in (mm)	2" (50)	2" (50)	2" (50) / 3" (75) *
Twist drill max. Ø	in (mm)	5/8" (16)	5/8" (16)	11/16" (18)
Tap size max.	in	5/8"	5/8"	5/8"
Countersinking max. Ø	in (mm)	1 1/4" (31)	1 1/4" (31)	1 1/4" (31)
Reaming max. dia.	in	5/8" (16)	5/8" (16)	11/16" (18)
Power consumption	W	1,100	1,100	1,100
Power output	W	550	550	550
Load speed: 1st gear	rpm	130 - 520	130 - 520	130 - 520
2nd gear		-	400 - 1,600	-
Core bit mount (tool-free)	in	Weldon 3/4"	Weldon 3/4"	Weldon 3/4"
Tool mount		-	-	MT 2
Stroke	in (mm)	5 5/16" (135)	5 5/16" (135)	5 5/16" (135)
Stroke range	in (mm)	10 1/4" (260)	10 1/4" (260)	10 1/4" (260)
Magnet holding force	lbs	2,248	2,136	2,248
Magnetic base dimensions	in (mm)	6 7/8 x 3 1/8 x 1 5/16" (175 x 80 x 34)	7 5/16 x 2 3/4 x 1 9/16" (186 x 70 x 40)	6 7/8 x 3 1/8 x 1 5/16" (175 x 80 x 34)
Cable with plug	ft (m)	13 (4)	13 (4)	13 (4)
Weight (EPTA)	lbs (kg)	23 (10.6)	24 (11)	24 (11)
Includes	Coolant tank, centering pins (80 & 100mm), touch guard, safety strap, drift (JMU137 MQW only), 3-jaw chuck (JMU137-2 QW only), chip hook, case			



\*optional with accessories

# CORE DRILLING

## CORE DRILLS - UNIVERSAL

**AJMU137 – total freedom! Cordless, flexible and versatile.** **NEW**

Small and powerful: the cordless universal magnetic core drill meets the highest quality standards. Equipped with all the features of the corded JMU137 MQW including MT2 tool mount, the Sluggerr AJMU137 PMQW provides maximum function for any type of work on a construction site. The brushless FEIN PowerDrive motor with tacho electronics and the FEIN HighPower Li-ion storage battery, ensure sustained work progress.

All that - with the mobility and freedom that a cordless tool brings.



See the Cordless section of this catalog page 77 to 79 for:

- Full FEIN Cordless Product Range
- FEIN SELECT Program
- FEIN Batteries and Battery Sets
- FEIN Chargers
- FEIN Battery Technology

Model		AJMU137 PMQW
Battery voltage	V	18
Battery capacity	Ah	5.2
Battery compatibility		Li-ion / HighPower Li-ion *
Motor		Brushless
Carbide core bit max. Ø	in (mm)	1 3/8" (35)
HSS core bit max. Ø	in (mm)	1 3/8" (35)
Core drilling depth max. Ø	in (mm)	2" (50) / 3" (75) **
Twist drill max. Ø	in (mm)	1 1/16" (18)
Tap size max.	in	5/8"
Countersinking max. Ø	in (mm)	1 3/16 (30)
Reaming max. dia.	in	1 1/16" (18)
Load speed: 1st gear	rpm	130 - 520
Core bit mount (tool-free)	in	Weldon 3/4"
Tool mount		MT 2
Stroke	in (mm)	5 5/16" (135)
Stroke range	in (mm)	10 1/4" (260)
Magnet holding force	lbs	2,023
Magnetic base dimensions	in (mm)	7 11/16 x 2 3/4 x 2 1/16 (195 x 70 x 52)
Weight with battery	lbs (kg)	28.1 (12.8)
<b>Version</b>		<b>BASIC SET</b> <b>SELECT</b>
<b>Order #</b>		<b>71700261090</b> <b>71700262090</b>
<b>Includes</b>		2 batteries (HighPower Li-ion), ALG 50 rapid charger, coolant pump, 2 centering pins (80 & 100mm), touch guard, safety strap, drift, chip hook, case <b>Tool only</b> (no batteries, charger or accessories)

\*outstanding performance with FEIN HighPower Li-ion battery    \*\*optional with accessories

## CORE DRILLS - UNIVERSAL

### FEIN JCM - universal drills with functionality in mind.

- Fast tool-free cutter changes
- High magnetic holding force
- Robust and precise double dovetail guide with extra large stroke range
- Fully adjustable stroke, tool free change
- Membrane keypad with touchpads
- Integrated gravity-fed cooling lubricant system
- Flexible stroke range
- Extra large stroke range
- Reverse + electronic speed settings + memory
- Magnet monitoring system
- Work safely in every position
- Precision drilling results
- Optional tapping attachment
- Compact design



Model	Capacity	Description
<b>JCM200 QX</b> (was KBM50 Q)	<b>2"</b>	Lightweight, reversible magnetic core drill with two-speed gearbox for easy operation and efficient drilling in the workshop or on the construction site. QuickIN Weldon 3/4"
<b>JCM200 U</b> (was KBM50 U)	<b>2"</b>	Powerful two-speed reversible magnetic core drill with maximum functionality, MT3 tool holder, QuickIN 3/4" Weldon, for universal and efficient working in the workshop.
<b>JCM256 U</b> (was KBM65 U)	<b>2<sup>9</sup>/<sub>16</sub>"</b>	Powerful two-speed reversible magnetic core drill with maximum functionality, MT3 tool holder, QuickIN 3/4" Weldon, for universal and efficient working in the workshop. Up to 3" depth is possible.



JCM200QX



JCM200U



Model		JCM200 QX	JCM200 U	JCM256 U
Order #		<b>72704561120</b>	<b>72704461120</b>	<b>72704761120</b>
Core bit max. dia.	in (mm)	2" (50)	2" (50)	2 <sup>9</sup> / <sub>16</sub> " (65)
Core drill max. drill depth	in (mm)	2" (50)	2" (50) *	2" (50) *
Twist drill max. dia.	in (mm)	5/8" (16)	7/8" (22)	1" (25)
Tapping max.	in (mm)	5/8" (16)	5/8" (16)	13/16" (20)
Countersinking max. dia.	in (mm)	1 <sup>1</sup> / <sub>4</sub> " (32)	2" (50)	2" (50)
Reaming max. dia.	in (mm)	5/8" (16)	7/8" (22)	1" (32)
Power consumption	Watts	1,200	1,200	1,300
Load speed :				
1st gear	rpm	130 / 260	130 to 260	120 to 240
2nd gear	rpm	260 / 520	260 to 520	260 to 520
Core bit holder		3/4" Weldon QuickIN		
Tool holder		-	MT 3	MT 3
Stroke	in (mm)	5 <sup>11</sup> / <sub>16</sub> " (145)	5 <sup>11</sup> / <sub>16</sub> " (145)	5 <sup>11</sup> / <sub>16</sub> " (145)
Total stroke range	in (mm)	12 <sup>3</sup> / <sub>8</sub> " (314)	12 <sup>3</sup> / <sub>8</sub> " (314)	12 <sup>3</sup> / <sub>8</sub> " (314)
Magnetic holding force	lbs	2,800	2,800	3,150
Magnetic base dimensions	in	7 <sup>11</sup> / <sub>16</sub> × 3 <sup>9</sup> / <sub>16</sub> "	7 <sup>11</sup> / <sub>16</sub> × 3 <sup>9</sup> / <sub>16</sub> "	8 <sup>1</sup> / <sub>16</sub> × 3 <sup>3</sup> / <sub>4</sub> "
Cable with plug	ft (m)	13 (4)	13 (4)	13 (4)
Weight according to EPTA	lbs (kg)	29.1 (12.8)	30.6 (14.2)	35.5 (16.1)
Includes		Case, safety strap, chip hook, chip guard, coolant tank, drift, centering pins (30217333003, 30217332009, 30217338000)		

\* 3" (75mm) with optional adaptor

## CORE DRILLS - AUTOMATIC

**Time and cost savings due to fully automatic digitally-controlled feed.**



- Predicable work times on contract and serial work due to repeatable consistent drilling times
- Universal operation such as tapping in manual machine mode using forward/reverse and MT3 interface
- High power motor with stable speed
- Electronic speed control
- Speed setting memory
- High magnetic holding force
- Convenient holding force gauge
- Integrated cooling tank
- Tilt sensor
- Control pad in the field of view

Model	Capacity	Description
<b>JCM200 AUTO</b> (was KBM50 AUTO)	<b>2"</b>	Fully automatic, 2-speed, reversible, MT3, QuickIN Weldon 3/4", membrane keypad with touchpads, integrated gravity-fed cooling lubricant system, magnet monitoring system.
<b>Includes:</b> carrying case, safety strap, chip hook, chip guard, coolant tank, drift, centering pins (pins 30217333003, 30217332009, 30217338000)		
<b>JCM312 AUTO</b> (was KBM80 AUTO)	<b>3 1/8"</b>	Fully automatic, three-speed gearbox, reversible, MT3, QuickIN Max, torque slip clutch, extra-long stroke range, automatic coolant supply, and more.
<b>Includes:</b> carrying case, safety strap, drift, chip hook, chip guard, coolant tank, QuickIN adaptor M18, 2 centering pins		



**Also features:**  
Adjustable magnetic swivel base,  
automatically fed coolant supply,  
FEIN QuickIN rapid attachment system

**Note: Model KBM 80 U (without auto-feed) is available by special order only**

Model		JCM200 Auto	JCM312 Auto
<b>Order #</b>		<b>72704661120</b>	<b>72703961120</b>
Core bit max. dia.	in (mm)	2" (50)	3 1/8" (80)
Carbide-tipped core bit max. dia.	in (mm)	2" (50)	3 1/8" (80)
Core drill max. drilling depth	in (mm)	2" (50) *	2" (50)
Twist drill max. dia.	in (mm)	7/8" (22) **	1 1/4" (32)
Tapping max.	in (mm)	5/8" (16)	1 1/8" (27)
Countersinking max. dia.	in (mm)	2" (50)	2" (50)
Reaming max. dia.	in (mm)	7/8" (22)	1 3/16" (31)
Power consumption	Watts	1,200	2,000
Load speed:			
1st gear	rpm	130 to 260	110 to 180
2nd gear		260 to 520	160 to 260
3rd gear		-	350 to 580
Core bit holder		Weldon 3/4" QuickIN	QuickIN / QuickIN MAX
Tool holder		MT 3	MT 3
Stroke	in (mm)	5 11/16" (145)	5 11/16" (145)
Total stroke range	in (mm)	12 3/8" (314)	11 3/16" (285)
Drill stand fine adj. range	in (mm)	-	± 5/32" (4.25)
Drill stand angular adj. range		-	± 11°
Magnetic holding force	lbs	2,800	4,050
Magnetic base dimensions	in (mm)	7 11/16" x 3 9/16" (195 x 90)	10 11/16" x 3 9/16" (270 x 90)
Cable with plug	ft (m)	13 (4)	13 (4)
Weight according to EPTA	lbs (kg)	35.7 (16.2)	58.2 (26.4)

\* 3" (75mm) with optional adaptor \*\* Manual tool mode recommended

## CORE DRILLS - ENDURANCE

**Built for endurance on the jobsite.**

### JHM ShortSluggger (was KBB30X)

Extremely compact and lightweight magnetic drill for core drilling on-site. Small and powerful, drills your last hole of the day as easily as the first.

### JHM Holemaker II (was USA200)

A powerful small magnetic drill, the Sluggger Holemaker II packs an unexpected punch in a compact 30 pound package.

### JME Holemaker III

Straightforward functionality at an economical price. Small single-speed core drill with basic functionality for core and twist drilling on the construction site.

### JHM USA101 (was KBB38X)

Dependable core drilling unit - a workhorse for on-site drilling. Sturdy and durable, making it the drill of choice for tough applications.

### JHM USA5 (was KBB60)

Rugged core drilling unit with two-speed gear box for the workshop. Capable of drilling holes up to 2<sup>3</sup>/<sub>8</sub>" diameter through material up to 3" thick. Uniform-torque motor for demanding jobs.



### CHUCKS & ADAPTORS

Order #	Description
64298190100	1/2" chuck & adaptor for JHM USA101
64298190140	1/2" chuck & adaptor for JHM Holemaker II
63901061000	Adaptor for JME Holemaker III chuck
63202037010	Jaw chuck 5/8" for JME Holemaker III
64298102153	3/4" chuck & adaptor for JHM USA5

JHM ShortSluggger

JHM Holemaker II

JME Holemaker III

JHM USA101

JHM USA5



Model		JHM ShortSluggger	JHM Holemaker II	JME Holemaker III	JHM USA101	JHM USA5
Order #		72725161124	72725561120	72705961090	72725261124	72725461124
Cutter dia. max.	in (mm)	1 <sup>3</sup> / <sub>16</sub> " (30)	1 <sup>3</sup> / <sub>8</sub> " (35)	1 <sup>3</sup> / <sub>8</sub> " (35)	1 <sup>1</sup> / <sub>2</sub> " (38)	2 <sup>3</sup> / <sub>8</sub> " (60)
Cutter DOC max.	in (mm)	2" (50)	2" (50)	2" (50)	2" (50)	3" (75)
Twist drill cap.	in (mm)	-	1/2" (12)	5/8" (16)	1/2" (12)	3/4" (19)
Core bit holder		Weldon 3/4"	Weldon 3/4"	Weldon 3/4"	Weldon 3/4"	Weldon 3/4"
Power	W	750	1,380	1,100	1,050	1,400
Load speed	rpm	430	450	450	330	180/340
Weight (EPTA)	lbs (kg)	23 (10)	30 (13.6)	25.8 (11.7)	32 (14.4)	53 (24)
Magnetic holding force	ft/lbs	2,025	1,700	2,800	2,025	2,475
Cable with plug	ft (m)	12.5 (3.8)	12.5 (3.8)	9 (2.7)	12.5 (3.8)	12.5 (3.8)
Includes:		Case, coolant tank, safety strap, chip hook, touch guard, 2 centering pins, 5mm hex key, 5mm T-grip hex key	Case, coolant tank, safety strap, touch guard, 5mm hex key, 5mm T-grip hex key, 8mm wrench, support handle	Case, safety strap, coolant tank, 2 centering pins, touch guard, 5mm T-grip hex key, 2 keys (5mm & 6mm)	Case, coolant tank, safety strap, chip hook, touch guard, 2 centering pins, 5mm hex key, 5mm T-grip hex key, support handle	Case, touch guard, coolant tank, safety strap, chip hook, 2 centering pins, 5mm hex key, 5mm T-grip hex key, support handle



# CORE DRILLING

## CORE DRILLS - COMPACT

**Any space, any place - small profiles for tight-fitting areas.**

### Features & Benefits

- Basic core drilling function.
- Speed-optimized for HSS core drill bits.
- Concealed motor wiring and integrated gravity-fed cooling lubrication system in drill jig.
- Positive slug ejection allows the “slug” to be removed easily eliminating costly downtime.
- Sturdy construction for tough applications.
- Thru spindle coolant improves cutter efficiency by providing cutting fluid to the entire cutting surface, not just the outside of the cutting area.



Model	Description
<b>JMC USA90</b> Just 6 <sup>5</sup> / <sub>8</sub> " high plus lightest on the market!	Extremely small and light variable speed compact magnetic core drill with right-angle quill feed drive and minimum dimensions for use in tight spaces in the workshop and on the construction site.
<b>JHM Magforce</b> (was KBB40X)	Ideal core drilling unit for drilling operations in tight spaces. With its unique quill system, the drill height never changes.

Model		JMC USA90	JHM Magforce
<b>Order #</b>		<b>72721561120</b>	<b>72725361127</b>
Carbide or HSS cutter dia. max.	in (mm)	1 <sup>3</sup> / <sub>8</sub> " (35)	1(40)
Cutter DOC max.	in (mm)	1 <sup>3</sup> / <sub>8</sub> " (35)	2" (50)
Twist drill cap.	in (mm)	9/16" (14)	-
Core bit holder		Weldon 3/4"	Weldon 3/4"
Power	W	1,100	1,100
Load speed	rpm	130-520	280
Height	in (mm)	6 <sup>5</sup> / <sub>8</sub> (169)	
Weight (EPTA)	lbs (kg)	16.5 (7.5)	28 (13.1)
Magnetic holding force	ft/lbs	2,248	2,025
Cable with plug	ft (m)	12.5 (3.8)	12.5 (3.8)
<b>Includes</b>		Case, 3/8" ratchet, 3/8" socket extension, coolant hand pump, safety strap, chip hook, 2 centering pins (85 & 100 mm), touch guard, additional handle, 2 hex keys (5 & 8 mm), 2 T-grip hex keys (5 & 8 mm)	Case, guard, coolant bottle, safety strap, chip hook, 2 centering pins, 5mm hex key, 5mm T-grip hex key



## ACCESSORIES

ACCESSORIES	Order #	Description
<b>Chucks &amp; Adaptors</b>	64298190140	1/2" chuck & adaptor for USA200
	64298190100	1/2" chuck & adaptor for USA101 / KBB38
	64298102153	3/4" chuck & adaptor for USA5 / KBB60
<b>Taps</b>	63206150010	1/4" NPT - body dia. 11mm x square 9mm
	63206151010	3/8" NPT - body dia. 12mm x square 9mm
	63206152010	1/4" UNC/UNF - body dia. 6.48mm x square 4.85mm
	63206153010	3/8" UNC/UNF - body dia. 9.68mm x square 7.26mm
	63206154010	Adaptor for taps - 1/4" hex
<b>Twist Drill Sets</b> 3/4" shank, 2" D.O.C.	64298050000	Standard set: 1/4", 5/16", 3/8", 7/16"
	64298055000	Metric set: 6mm, 8mm, 10mm, 12mm
<b>Twist Bits</b> Weldon 3/4" shank x 1 3/8" depth of cut	63111029010	1/4" dia.
	63111030010	3/8" dia.
	63111031010	5/16" dia.
	63111032010	7/16" dia.
	63111033010	9/16" dia.
<b>Twist Bit Set</b>	63111029020	6 cutters: 1 each of 1/4", 3/8", 7/16", 9/16", plus 2 of 5/16", plastic case
<b>Cutter Extensions</b> 1 5/16" arbor body diameter	63106020980	2" arbor extension
	63106021980	3" arbor extension
	63106022980	4" arbor extension
	63106023980	6" arbor extension
<b>Chain Base</b>	90798190200	For mag bases - 5 x 9" footprint
	90798541480	For mag bases - 6 x 11" footprint
<b>Cutting Fluid</b>	32132032980	Quart
	32132032982	Case of 12 quarts
	64298102080	Gallon
	64298102090	5 gallons
<b>Cutting Paste</b>	32160015980	10 oz. tube
	32160015982	Case of 12 (10 oz. tubes)
<b>Countersinks</b> All 82°	64298100820	1" countersink
	64298150820	1 1/2" countersink
	64298702460	2" countersink



### GENERAL CORE DRILL ACCESSORIES

Description	Order #
QuickIN Morse Taper Mounting Shaft for Taper MT 3: with coolant feed, hand pump, & centering pin For all mag stands, bench drill presses, radial drill presses with morse taper capabilities	63901019013
QuickIN Weldon 3/4" Mounting Shaft for Taper MT 3: no pin or pump included	63901055020



## ACCESSORIES



<b>ACCESSORIES FOR TOOLS WITH WELDON 3/4" QuickIN</b>		
Description	For	Order #
MT 2 to 3/4" Weldon tool holder for 3" depth cutters	JMU137 MQW	63901064020
Jaw chuck 5/8" capacity B16 mount	All JHM & KBM tools up to 2 <sup>9</sup> / <sub>16</sub> " (65mm) capacity	63202037010
S3 key for 5/8" jaw chuck		62914004007
Drill chuck adaptor Weldon 3/4" to B16 drive		63901061000
Quick-change tapping chuck 5/16 - 5/8 BILZ type 2		92602089010
Adaptor: Input 3/4" Weldon to output FEIN QuickIN		63901027010
Adaptor: Input 3/4" Weldon to output Universal Shank		63901027999
MT 3 to QuickIN tool holders for 3" (75mm) cutting depth *		63901049020
<b>MT 3 Arbors *require use of pin # 302173330003</b>		
MT 3 to 3/4" Weldon tool holder for 1" and 2" depth cutters	For tools with MT 3	63901050020
MT 3 to 3/4" Weldon tool holder for 3" depth cutters *		63901051020

### CENTERING PINS

Description	For	Order #
3 <sup>1</sup> / <sub>8</sub> " (80mm) for QuickIN cutters 1" depth	All JHM & KBM tools	30217359000
4 <sup>1</sup> / <sub>8</sub> " (104mm) for QuickIN cutters 2" depth		30217332009
4 <sup>15</sup> / <sub>16</sub> " (125mm) for cutters combined with adaptors		30217333003
5 <sup>15</sup> / <sub>16</sub> " (135mm) for other cutters		30217355000
4 <sup>15</sup> / <sub>16</sub> " (125mm) for 7/16" competitors cutters 2" depth		30217337002
3 <sup>3</sup> / <sub>8</sub> " (86mm) for 7/16 HSS cutters 1" depth		30217338000

### GENERAL CORE DRILL ACCESSORIES

Description	For	Order #
Pipe drilling device: For holes in pipe dia. 60 to 300mm, 220 x 130mm	Base size 5 <sup>1</sup> / <sub>8</sub> x 8 <sup>11</sup> / <sub>16</sub> " or smaller	92602055010
Suction plate for non-magnetic materials	Base size 4 x 10" or smaller	92602054016
QuickIN adaptor 1/2"-20 UNF for threaded chucks	Competitors' chucks	63901022008



**MAGBRUSH:** Safely remove metal chips and debris from machinery and work areas using magnetic brushes. They feature a high grade, rare earth magnet with the most holding power for its size, outperforming similar magnetic pick-up tools.

### MAGNETIC BRUSHES

Type	Order #	Description
Magbrush	64201002980	Length 15 inches
Super Magbrush	64201003980	Length 3 feet.



## JCM312 Auto (KBM80) ACCESSORIES

### QuickIN MAX Carbide Cutters

#### QuickIN Max Cutters for JCM312 Auto (KBM80)

Carbide Ultra 2" core bits with QUICKIN MAX.

Long service life and outstanding cutting performance.



Also available  
in metric sizes

Size	Depth 2" (50mm) Order #
2"	63127437010
2 <sup>1</sup> / <sub>16</sub> "	63127438010
2 <sup>1</sup> / <sub>8</sub> "	63127439110
2 <sup>3</sup> / <sub>16</sub> "	63127440010
2 <sup>1</sup> / <sub>4</sub> "	63127441110
2 <sup>5</sup> / <sub>16</sub> "	63127442010
2 <sup>3</sup> / <sub>8</sub> "	63127443010
2 <sup>7</sup> / <sub>16</sub> "	63127444010
2 <sup>1</sup> / <sub>2</sub> "	63127445110
2 <sup>9</sup> / <sub>16</sub> "	63127446010

Size	Depth 2" (50mm) Order #
2 <sup>5</sup> / <sub>8</sub> "	63127447110
2 <sup>11</sup> / <sub>16</sub> "	63127448010
2 <sup>3</sup> / <sub>4</sub> "	63127449010
2 <sup>13</sup> / <sub>16</sub> "	63127450010
2 <sup>7</sup> / <sub>8</sub> "	63127451010
2 <sup>15</sup> / <sub>16</sub> "	63127452010
3"	63127453010
3 <sup>1</sup> / <sub>16</sub> "	63127454010
3 <sup>1</sup> / <sub>8</sub> "	63127455010

### JCM312 Auto (KBM80) ACCESSORIES

Description	Order #
QuickIN Max tapping chuck 3/4 to 1 <sup>1</sup> / <sub>8</sub> " BILZ type 3	92602082010
Centering pin 4 <sup>15</sup> / <sub>16</sub> " (125mm)	30217333003
MT3 1 <sup>1</sup> / <sub>4</sub> " Weldon tool holder 90° flats (Magtron)	63901041010
MT3 1 <sup>1</sup> / <sub>4</sub> " Weldon tool holder in-line flats (Hougen)	63901042010
MT3 1 <sup>1</sup> / <sub>4</sub> " Weldon tool holder in-line flats (Jancy)	63901040010
QuickIN Max Adaptor to QuickIN drive	63901045010
MT3 QuickIN Drive: retrofit QuickIN & HSS cutters to KBM80	63901039020
MT3 QuickIN Max Drive: retrofit QuickIN Max cutters to KBM80	63901038020
MT3 Extension - to MT#3 for countersinking	63304005000
Reducing Collet 3/2 - insert accepts #2 Bilz type collets	63206125010
Lubrication pump	92601024010
Jaw chuck 1/2" capacity M18 threaded mount	63203050014
QuickIN to M18 threaded adaptor for 1/2" chuck	63901020006
Key for 1/2" chuck	62914002005
QuickIN to 3/4" Weldon adaptor for annular cutters including FEIN FC and Slugger	63901021014
QuickIN to 3/4" Weldon ringed adaptor for annular cutters, tight fit	63901024019
Allen key 4mm for QuickIN / Weldon adaptors	62907010000



**Note: can also be used with MT 3 arbors listed on page 15**



# CORE DRILLING

## CORE DRILLS - MOBILE

**One system for all hole drilling applications - any place, any where.**

New FEIN KBH 25 Hand-Held Core Drills combine the advantages of four drilling applications into a single system. This innovative drilling technology provides unmatched cost-effectiveness and the maximum in flexibility and versatility.

**KBH 25-2U Order # 72710361090**  
Hand-held 2-speed metal core drilling system for universal core and twist bit use. Ideal for universal use due to manually switched second gear for core drilling in metal, hole sawing in sheet metal, twist drilling, tapping and countersinking.

**KBH 25 S Order # 72710461090**  
Hand-held single-speed metal core drilling system for fast, flexible core bit use. Ideal for core drilling in metal and hole sawing in sheet metal. **Special order only.**



**New + improved for even faster drilling times!**

**NEW**

- Safety slip clutch
- Powerful for high cutting speed
- Forward/reverse rotation and speed adjustment
- Optimal functionality due to low feed pressure
- Tool-free changes

Model		KBH 25 S	KBH 25-2U
Hole Ø steel / stainless carbide core bit	in (mm)	1" (25)	1" (25)
Hole Ø light metal & aluminium carbide core bit	in (mm)	1 <sup>3</sup> / <sub>16</sub> " (30)	1 <sup>3</sup> / <sub>16</sub> " (30)
Carbide core bit max. drilling depth	in (mm)	13/16" (20)	13/16" (20)
Hole Ø steel / stainless steel carbide hole saw	in (mm)	3 <sup>1</sup> / <sub>8</sub> " (80)	3 <sup>1</sup> / <sub>8</sub> " (80)
Carbide hole saw max. drilling depth	in (mm)	3/16" (4)	3/16" (4)
Hole Ø steel / stainless steel twist bit	in (mm)	-	5/8" (16)
Tap size max.	in	-	1/2"
Countersinking max. Ø	in (mm)	-	1 <sup>1</sup> / <sub>4</sub> " (31)
Power consumption	Watts	1,200	1,200
Output	Watts	680	680
Load speed:			
Pilot hole drilling	rpm	0-1,600 *	0-1,600
1st speed (core drilling)		0-520 *	0-520
2nd speed (twist drilling)		-	0-1,600
Corner clearance	in (mm)	1 <sup>1</sup> / <sub>16</sub> " (27)	1 <sup>1</sup> / <sub>16</sub> " (27)
Collar Ø	in (mm)	1 <sup>11</sup> / <sub>16</sub> " (43)	1 <sup>11</sup> / <sub>16</sub> " (43)
Cable with plug	ft (m)	13 (4)	13 (4)
Weight EPTA	lbs (kg)	7 <sup>1</sup> / <sub>4</sub> " (3.3)	7 <sup>1</sup> / <sub>4</sub> " (3.3)
<b>Includes:</b> pilot bit, side handle, rapid action chuck and tapping chuck (only KBH 25-2 U), cutting spray, plastic carrying case			

\* no manual switching possible



ACCESSORIES FOR KBH 25	
Description	Order #
Cutting spray 10 oz (300ml)	32132031000
Chip guard	32174013010
Extension QIP 4" (100mm)	63106017010
Pilot bit	63114038010
Pilot bit 5-PACK	63114038020
3-jaw rigid tapping chuck 1/2"	63206018010
Adaptor QIP for B16	63901047000
Keyed jaw chuck 1/2"	63202030015



# CORE DRILLING

## KBH ACCESSORIES

### CARBIDE CORE BITS with QuickIN-PLUS attachment

Maximum service life.  
Outstanding cutting  
performance in all  
common metals.  
Inch dimensions,  
drilling depth 3/4 in.



Size	Order #
9/16"	63130200010
5/8"	63130201010
11/16"	63130202010
3/4"	63130203010
13/16"	63130204010
7/8"	63130205010
15/16"	63130206010
1"	63130207010
1 1/16"	63130208010
1 1/8"	63130209010
1 3/16"	63130210010

### CARBIDE CORE BITS TiAlN coated with QuickIN-PLUS attachment

Maximum service life. Outstanding  
performance in all common metals,  
20% faster work progress, reduced  
cutting and feed force due  
to TiAlN coating. Inch  
dimensions, drilling  
depth 3/4 in.



Size	Order #
9/16"	63130300010
5/8"	63130301010
11/16"	63130302010
3/4"	63130303010
13/16"	63130304010
7/8"	63130305010
15/16"	63130306010
1"	63130307010
1 1/16"	63130308010
1 1/8"	63130309010
1 3/16"	63130310010

### CARBIDE HOLE SAW with QuickIN-PLUS attachment Depth 5/32" (4 mm)

Carbide-tipped with optimal service  
life for cost-effective drilling work in  
sheet metal up to 5/32 in. (4 mm)  
thickness.



Size	Order #
9/16"	63131200010
5/8"	63131201010
11/16"	63131202010
3/4"	63131203010
13/16"	63131204010
7/8"	63131205010
15/16"	63131206010
1"	63131207010
1 1/16"	63131208010
1 1/8"	63131209010
1 3/16"	63131210010
1 1/4"	63131211010
1 5/16"	63131212010
1 3/8"	63131213010
1 7/16"	63131214010
1 1/2"	63131215010
1 9/16"	63131216010
1 5/8"	63131217010
1 11/16"	63131218010
1 3/4"	63131219010
1 13/16"	63131220010
1 7/8"	63131221010
1 15/16"	63131222010

Metric sizes are also available

### CARBIDE HOLE SAW FOR PIPES Depth 5/32" (4 mm) with QuickIN-PLUS attachment

Carbide teeth with optimal service  
life when used on pipe materials and  
arched surfaces with up to 5/32 in.  
(4 mm) wall thickness.



Size	Order #
7/8"	63131605010
15/16"	63131606010
1 "	63131607010
1 1/16"	63131608010
1 1/8"	63131609010
1 3/16"	63131610010
1 1/4"	63131611010
1 5/16"	63131612010
1 3/8"	63131613010
1 7/16"	63131614010
1 1/2"	63131615010
1 9/16"	63131616010
1 5/8"	63131617010
1 11/16"	63131618010
1 3/4"	63131619010
1 13/16"	63131620010
1 7/8"	63131621010
1 15/16"	63131622010
2"	63131623010
2 1/16"	63131624010
2 1/8"	63131625010
2 3/16"	63131626010
2 1/4"	63131627010
2 3/8"	63131628010
2 1/2"	63131629010
2 9/16"	63131630010
2 11/16"	63131631010

## FEIN QUICKIN ACCESSORIES - OLD STYLE

### FEIN HM QuickIN Carbide-Tipped Cutters



**FOR OLD-STYLE  
FEIN MODELS:**

**KBM32 Q  
KBM50 QX  
KBM52 U**

**Also available in  
metric sizes by  
special order.**

Size	Depth 1" (25mm) Order #	Depth 2" (50mm) Order #
1/2"	63127472110	63127383110
9/16"	63127473110	63127384110
5/8"	63127474110	63127385110
11/16"	63127475110	63127386110
3/4"	63127476110	63127387110
13/16"	63127477110	63127388110
7/8"	63127478110	63127389110
15/16"	63127479110	63127390110
1"	63127480110	63127391110
1 1/16"	63127481110	63127392110
1 1/8"	63127482110	63127393110
1 3/16"	63127483110	63127394010
1 1/4"	63127484110	63127395110
1 5/16"	63127485110	63127396010
1 3/8"	63127486110	63127397110

Size	Depth 1" (25mm) Order #	Depth 2" (50mm) Order #
1 7/16"	63127487110	63127398110
1 1/2"	63127488110	63127399110
1 9/16"	63127489110	63127400110
1 5/8"	-	63127401010
1 11/16"	63127491110	63127402010
1 3/4"	-	63127403010
1 13/16"	-	63127404010
1 7/8"	63127494110	63127405010
1 15/16"	-	63127406010
2"	63127496110	63127407010
2 1/16"	-	63127408010
2 7/16"	63127503110	-
2 1/2"	63127504110	-
2 9/16"	63127505110	-

### Accessories for tools with FEIN QuickIN Mount

Description	For	Order #
Coolant tank gravity-fed	KBM32 Q KBM52 U Old KBM50 Q	63901036010
Hand pump coolant bottle		32132022007
Holder for coolant bottle		30240247002
Chip protection guard		63901037010
QuickIN to 3/4" Weldon adaptor for annular cutters including FEIN FC and Slugger		63901021014
QuickIN to 3/4" Weldon ringed adaptor for annular cutters - tight fit		63901024019
Allen key 4mm for QuickIN / Weldon adaptors		62907010000
Jaw chuck 1/2" capacity M18 threaded mount	KBM32 Q	63203050014
QuickIN to M18 threaded adaptor for 1/2" chuck		63901020006
Key for 1/2" jaw chuck		62914002005
Jaw chuck 5/8" capacity B16 mount	KBM52 U Old KBM50 Q	63202037010
Jaw chuck adaptor: Input FEIN QuickIN to output B16		63901023002
S3 key for 5/8" chuck		62914004007
Quick-change tapping chuck 5/16 - 5/8 BILZ type 2		92602079010
Cutter Extension: 4" with QuickIN adaptor for holes 1 1/4" or bigger, includes pin		63106016010

## SLUGGER CUTTERS

**Slugger by FEIN - a diverse line of cutters to drill nearly any hole in metal.**

Slugger annular cutters produce a reamed quality hole and they cut several times faster than a comparable twist drill and allow large diameter through holes to be produced with smaller machines. Since no pre-drilling or finish reaming is needed; speed, hole quality, longer tool life and shorter cycle times are all benefits. Slugger HSS cutters are made from M2, high-speed tool steel. They can also be treated with Titanium Nitride coatings for increased performance in harder to drill material.

When compared to conventional twist drills and hole saws, Slugger provides superior results. Hard to machine materials are cut faster with tighter tolerances and substantially longer tool life. They efficiently cut a thin ring of material from the circumference of the hole leaving a center slug and less material residue for clean-up. Precisely centered in the hole via a centering pin allows for internal coolant feed to the cutter and ejection of the slug after hole completion. Slugger cutters, while typically used for mild steel applications, are highly suitable for ferrous, non-ferrous, hardened and stainless materials.

### HSS WELDON

#### High Speed Steel Cutters

High Speed Steel (M2) is the standard material used in these HSS cutters.  
3/4" Weldon shank. Long service life. Available in FC Standard and Slugger Premium.



### HSS WELDON

#### Titanium Nitride (TiN) Cutters

TiN coatings improve tool life by increasing surface hardness of the tool and providing greater lubricity. TiN coated cutters are ideal for applications where the material being cut is difficult to machine, or when extended tool life is desired.

### HSS WELDON

#### Carbide Cutters

Carbide-tipped to cut materials that are hard to machine and for drilling at higher RPM rates for increased hole making production.

### TAP SIZE CUTTERS

For tapping your holes after you drill,  
available in various tap size configurations.

### SHEET METAL CUTTERS

Thin metal cutters for sheet metal, light tubing, rubber, fiber materials and select plastics. Designed for use with hand held drilling equipment. In HSS and carbide.

### TRUCK FRAME CUTTERS

Truck frames are usually multi-layered and manufactured to retain extraordinary strength and durability. Frame materials are more difficult to drill so an effective way to combat this problem is to use an ID-style cutter that is also TiN coated. The resulting cutter simultaneously permits continuous drilling through layers, enhances cutting performance and extends tool life.

## SLUGGER CUTTERS

### CUTTER COATINGS & SPECIALTY CUTTERS

Additional options for Slugger Cutters to increase efficiency when cutting specific materials.

#### Titanium Carbonitride (TiCN)

TiCN coated cutters are practical in drilling highly abrasive or gummy materials such as brass and aluminum alloys.

#### ID Sharpened for Stack Drilling

ID-style cutters are convenient when drilling through multiple layers.

#### Pipe-Style Geometry

For Pipe and Tube Drilling Applications

Cutters with pipe-style geometry are advantageous when drilling holes on curved or uneven surfaces.

#### ShortSluggers

Capable of drilling materials up to 3/4" thick.



#### M42 Cobalt Steel

Cobalt cutters are effective when drilling material with inconsistent composition. They are also valuable when increased feed rates are necessary and extending tool life between sharpenings is desirable.

#### Rail Cutters

Specifically for rail drilling. Unique design and specially developed coating allows for faster drilling and longer life, even in the toughest rail.

#### Industrial Arbors

Industrial arbors quickly and easily adapt Slugger cutters to most types of conventional and CNC machinery.

## Carbide cutters vs HSS cutters.



- Tip material is extra-durable carbide ceramic
- Cutting tips brazed on steel body
- Very high tip hardness of 1,450 HV
- Maximum cutting width 4 mm
- Small number of cutting tips
- High cutting surface speeds up to 45 m/min
- Sensitive to impact and shock
- Dry hole cutting possible
- Carbide tip heat resistant up to 1,200° C.
- Brazing heat resistant up to 800° C



- Full cutter is made of high-quality HSS steel
- Cutting tips ground into steel body
- High tip hardness of 65 HRC (830 HV)
- Maximum cutting width 5.1 mm
- High number of cuttings tips
- Cutting surface speeds up to 25 m/min
- Tough against impact and shock
- Dry hole cutting not suitable / cooling necessary
- Heat resistant up to 600° C

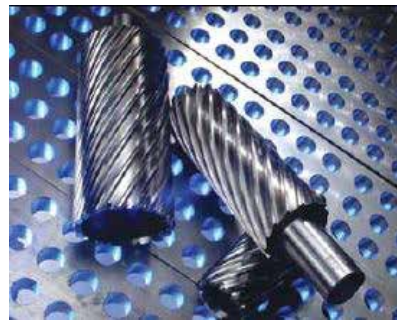
**TIP:** Once you get to about 1<sup>5</sup>/<sub>16</sub>" cutter diameter or larger, carbide cutters typically prove to be the better value.

## FEED & SPEED CALCULATORS

Recommended for the calculation of feed and speed using suggested cutting speed chart on page 23.

To Find	Required Variables	Rule	Speed and Feed Formula	
Speed of cutter in surface feet per minute (SFPM)	Diameter of cutter (inches) and revolutions per minute (RPM)	(Diameter of cutter multiplied by 3.1416 multiplied by revolutions per minute) divided by (12)	SFPM =	$\frac{(3.1416 \times D \times \text{RPM})}{(12)}$
Revolutions per minute (RPM)	Surface feet per minute (SFPM) and diameter of cutter (inches)	(Surface feet per minute multiplied by 12) divided by (cutter diameter multiplied by 3.1416)	RPM =	$\frac{(\text{SFM} \times 12)}{(D \times 3.1416)}$
Feed in inches per minute (IPM) or (F)	Feed per tooth (f), number of teeth (T) and revolutions per minute (RPM)	(Feed per tooth) multiplied by (number of teeth) multiplied by (revolutions per minute)	F =	$(f \times T \times \text{RPM})$
Feed per tooth in inches (FPT) or (f)	Feed in inches per minute (IPM), number of teeth (T) and revolutions per minute (RPM)	(Feed in inches per minute) divided by (number of teeth multiplied by revolutions per minute)	f =	$\frac{F}{(T \times \text{RPM})}$

- T** Number of teeth in cutter
- D** Cutter diameter in inches
- RPM** Revolutions per minute
- SFPM** Surface feet per minute
- F** Feed in inches per minute
- f** Feed per tooth in inches
- IPM** Inches per minute





## STARTING FEED & SPEED

### Cutting speed for HSS cutters in surface feet per minute (SFPM)

Drilling Material	HSS Cutter (SFPM)	TINI Cutter (SFPM)
Freecutting-leaded	100	150
Up to 180 Brinell A-36	80-110	130
180/285 Brinell	45-70	80
285/375 Brinell	30-45	55
<b>Steel</b>		
375 and up Brinell	15-25	35
Manganese (low)	15-20	25
Stainless-freecutting	30-60	70
Stainless 304-316-320-320W and tough grades	20-40	50
Inconel, Hastelloy	25-40	55
Inconel-X	20-25	35
Titanium	30-40	50
A-286	25-35	50
Aluminium	300	500
<b>Brass</b>		
Ordinary	150	250
Leaded	200	300
<b>Bronze</b>		
Ordinary	100	200
Hi-tensile	70	100
<b>Cast Iron</b>		
Soft	100	150
Medium	80	90
Hard	50	70
Chilled	25	35
Copper	100	200
Magnesium	Up to 300	400
Malleable Iron	70	80

### Recommended operating feed for HSS cutters in inches per revolution (IPR)

Cutter Diameter	Feed (IPR)
7/16" - 9/16"	.002 to .006
5/8" - 3/4"	.003 to .007
13/16" - 1 1/16"	.004 to .008
1 1/8" - 1 7/16"	.006 to .010
1 1/2" - 2"	.008 to .012
2" - 2 1/2"	.012 to .025

### Cutting speed for carbide cutters in surface feet per minute (SFPM)\*

Steel Plate	164
Stainless steel	115
Cast iron	131

### Recommended operating feed for carbide cutters in inches per revolution (IPR)\*

Steel Plate	.0031~.0047
Stainless steel	.0031~.0039
Cast iron	.0047~.0079

\* Only for carbide cutters listed on pages 30 & 31

## SLUGGER FC-STANDARD CUTTERS HSS WELDON 3/4" SHANK

High speed steel cutters for use with all brands of core drills, conventional magnetic drill stands, and stationary drilling machines that accept the 3/4" Weldon shank.

- Competitive prices
- Low cost per hole
- Eliminates multi-step drilling
- Better finish



- Longer tool life
- Accurate cleaner holes
- Interchangeable with other standard hole cutting systems



### HSS Annular Cutters - 3/4" Weldon Shank

Dia. In.	Decimal Equiv.	1" depth		2" depth		3" depth	
		Order #	Ref. #	Order #	Ref. #	Order #	Ref. #
7/16 *	0.4375	63134111601	FC110	63134111602	FC210	-	-
1/2 *	0.5000	63134127601	FC111	63134127602	FC211	-	-
9/16	0.5625	63134143601	FC113	63134143602	FC213	-	-
5/8	0.6250	63134159601	FC116	63134159602	FC216	-	-
11/16	0.6875	63134175601	FC119	63134175602	FC219	-	-
3/4	0.7500	63134191601	FC121	63134191602	FC221	-	-
13/16	0.8125	63134206601	FC124	63134206602	FC224	69908036901	FC324
7/8	0.8750	63134220601	FC127	63134220602	FC227	69908036902	FC327
15/16	0.9375	63134238601	FC130	63134238602	FC230	69908036903	FC330
1	1.0000	63134254601	FC133	63134254602	FC233	69908036904	FC333
1 <sup>1</sup> / <sub>16</sub>	1.0620	63134269601	FC136	63134269602	FC236	69908036905	FC336
1 <sup>1</sup> / <sub>8</sub>	1.1250	63134286601	FC139	63134286602	FC239		**
1 <sup>3</sup> / <sub>16</sub>	1.1870	63134301601	FC142	63134301602	FC242	69908036907	FC342
1 <sup>1</sup> / <sub>4</sub>	1.2500	63134318601	FC145	63134318602	FC245		**
1 <sup>5</sup> / <sub>16</sub>	1.3120	63134333601	FC148	63134333602	FC248		**
1 <sup>3</sup> / <sub>8</sub>	1.3750	63134349601	FC151	63134349602	FC251	69908036910	FC351
1 <sup>7</sup> / <sub>16</sub>	1.4370	63134365601	FC154	63134365602	FC254		**
1 <sup>1</sup> / <sub>2</sub>	1.5000	63134381601	FC157	63134381602	FC257		**
1 <sup>9</sup> / <sub>16</sub>	1.5620	63134397601	FC160	63134397602	FC260	69908036911	FC360
1 <sup>5</sup> / <sub>8</sub>	1.6250	63134413601	FC163	63134413602	FC263	69908036912	FC363
1 <sup>11</sup> / <sub>16</sub>	1.6870	63134428601	FC166	63134428602	FC266	69908036913	FC366
1 <sup>3</sup> / <sub>4</sub>	1.7500	63134445601	FC169	63134445602	FC269	69908036914	FC369
1 <sup>13</sup> / <sub>16</sub>	1.8120	63134461601	FC172	63134461602	FC272		**
1 <sup>7</sup> / <sub>8</sub>	1.8750	63134476601	FC175	63134476602	FC275	69908036915	FC375
1 <sup>15</sup> / <sub>16</sub>	1.9370	63134492601	FC178	63134492602	FC278	69908036916	FC378
2	2.000	63134508601	FC181	63134508602	FC281	69908036917	FC381
2 <sup>1</sup> / <sub>16</sub>	2.062	63134524601	FC183	63134524602	FC283		**

\* 7/16" and 1/2" cutters require special centering pins


\*\* Available in Sluggger HSS cutter line

## SLUGGER FC-STANDARD CUTTERS HSS WELDON 3/4" SHANK


**Handy and convenient HSS Annular Cutter Sets - Weldon 3/4".**


FC-STANDARD HSS CUTTER SETS		
6 of our most popular HSS annular cutters 3/4" shank with 2 pilot pins in a handy, convenient carrying case.		
Order #	For	Contents
63134999091	1" depth	6 cutters: 9/16", 5/8", 11/16", 3/4", 13/16", 1 1/16" 2 pilot pins, case
63134999092	2" depth	6 cutters: 9/16", 5/8", 11/16", 3/4", 13/16", 1 1/16" 2 pilot pins, case


6 ×



2 ×







Made in USA

### Pilot Pins for Slugger FC-Standard HSS Weldon Cutters



#### EJECTOR PILOT PINS

Pilot pins ensure cutter life is optimized by enabling the coolant to properly cool the cutter by delivering it directly to the cutting surface in the best possible way.

Order #	Suitable For
63134998300	1" depth
63134998310	2" depth
63134998330	3" depth

**Pins for 7/16" and 1/2" cutters**

Order #	Suitable For
63134998305	1" depth, 1/2" dia. and smaller (includes 13 & 14mm)
63134998315	2" depth, 1/2" dia. and smaller (includes 13 & 14mm)

**NOTE:** HSS Annular Cutters when used with old FEIN QuickIN drills require:

**For 1" depth:**

63901021014 Weldon adaptor  
30217332009 Centering pin

**For 2" depth:**

63901021014 Weldon adaptor  
63134998330 Extra-long pin

## SLUGGER PREMIUM CUTTERS - HSS WELDON 3/4" SHANK

Cutter Diameter	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #	3" DEPTH Order #	4" DEPTH Order #
7/16"	0.4375	63134111001	63134110002	-	-
1/2"	0.5000	63134127001	63134127002	-	-
13mm	0.5118	63134129001	63134129002	-	-
14mm	0.5512	63134140001	63134139002	-	-
9/16"	0.5625	63134142001	63134142002	-	-
15mm	0.5906	63134150001	63134149002	-	-
5/8"	0.6250	63134158001	63134158002	-	-
16mm	0.6299	63134159001	63134159002	-	-
17mm	0.6693	63134170001	63134169002	-	-
11/16"	0.6875	63134174001	63134174002	-	-
18mm	0.7087	63134180001	63134179002	-	-
19mm	0.7480	63134189001	63134189002	-	-
3/4"	0.7500	63134190001	63134190002	63134190003	-
20mm	0.7874	63134199001	63134199002	63134199003	-
13/16"	0.8125	63134206001	63134206002	63134206003	63134206004
21mm	0.8268	63134210001	63134209002	63134210003	-
22mm	0.8661	63134219001	63134219002	63134219003	63134219004
7/8"	0.8750	63134222001	63134222002	63134222003	63134222004
23mm	0.9055	63134229001	63134229002	63134229003	-
15/16"	0.9375	63134238001	63134237002	63134238003	63134237004
24mm	0.9449	63134240001	63134239002	63134240003	63134240004
25mm	0.9843	63134250001	63134249002	63134250003	63134249004
1"	1.0000	63134254001	63134254002	63134254003	63134254004
26mm	1.0230	63134259001	63134259002	63134259003	63134259004
1 1/16"	1.0620	63134269001	63134269002	63134269003	63134269004
27mm	1.0630	63134270001	63134270002	63134270003	63134270004
28mm	1.1020	63134279001	63134279002	63134279003	63134279004
1 1/8"	1.1250	63134285001	63134285002	63134285003	63134285004
29mm	1.1410	63134289001	63134289002	63134289003	-
30mm	1.1810	63134299001	63134299002	63134299003	63134299004
1 3/16"	1.1870	63134301001	63134301002	63134301003	63134301004
31mm	1.2200	63134309001	63134310002	63134309003	63134309004
1 1/4"	1.2500	63134317001	63134317002	63134317003	63134317004
32mm	1.2590	63134319001	63134319002	63134319003	63134319004
33mm	1.2990	63134329001	63134329002	63134329003	63134329004
1 5/16"	1.3120	63134333001	63134333002	63134333003	63134333004
34mm	1.3380	63134339001	63134339002	63134339003	63134339004
1 3/8"	1.3750	63134349001	63134349002	63134349003	63134349004
35mm	1.3770	63134350001	63134350002	63134350003	63134350004
36mm	1.4170	63134359001	63134359002	63134359003	63134359004
1-7/16"	1.4370	63134364001	63134364002	63134364003	63134364004



Made in USA

Core bits with Weldon shank. Long service life. Imperial and metric dimensions.



See page 28 for Pilot Pins and Cutter Sets

**6" DEPTH AVAILABLE ON REQUEST**

**1 1/4" SHANK CUTTERS AVAILABLE ON REQUEST**

## SLUGGER PREMIUM CUTTERS - HSS WELDON 3/4" SHANK



Core bits with  
Weldon shank.  
Long service life.  
Imperial and  
metric dimensions.



See page 28 for Pilot  
Pins and Cutter Sets

**6" DEPTH AVAILABLE  
ON REQUEST**

**1 1/4" SHANK  
CUTTERS AVAILABLE  
ON REQUEST**

Cutter Diameter	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #	3" DEPTH Order #	4" DEPTH Order #
37mm	1.4560	63134369001	63134369002	-	-
38mm	1.4960	63134379001	63134379002	63134379003	63134379004
1 1/2"	1.5000	63134381001	63134381002	63134381003	63134381004
39mm	1.5350	63134389001	63134389002	63134389003	-
1 9/16"	1.5620	63134396001	63134396002	63134396003	63134396004
40mm	1.5740	63134399001	63134399002	63134399003	63134399004
41mm	1.6140	63134409001	63134409002	-	-
1 5/8"	1.6250	63134412001	63134412002	63134412003	63134412004
42mm	1.6540	63134420001	63134420002	63134420003	63134420004
1 11/16"	1.6870	63134428001	63134428002	63134428003	63134428004
43mm	1.6920	63134429001	63134429002	63134429003	-
44mm	1.7320	63134439001	63134439002	63134439003	63134439004
1 3/4"	1.7500	63134444001	63134444002	63134444003	63134444004
45mm	1.7710	63134449001	63134449002	63134449003	63134449004
46mm	1.8110	63134459001	63134459002	63134459003	63134459004
1 13/16"	1.8120	63134461001	63134461002	63134461003	63134461004
47mm	1.8500	63134469001	63134469002	-	-
1 7/8"	1.8750	63134476001	63134476002	63134476003	63134476004
48mm	1.8890	63134479001	63134479002	63134479003	63134479004
49mm	1.9290	63134489001	63134489002	-	-
1 15/16"	1.9370	63134491001	63134491002	63134491003	63134492004
50mm	1.968	63134499001	63134499002	63134499003	63134499004
2"	2.000	63134508001	63134508002	63134508003	63134508004
51mm	2.007	63134509001	63134509002	63134510003	63134509004
52mm	2.047	63134519001	63134519002	63134519003	63134519004
2 1/16"	2.062	63134523001	63134523002	63134523003	63134523004
2 1/8"	2.125	63134539001	63134539002	63134539003	63134539004
2 3/16"	2.187	63134555001	63134555002	63134555003	63134555004
2 1/4"	2.250	63134571001	63134571002	63134571003	63134571004
2 5/16"	2.312	63134587001	63134587002	63134587003	63134587004
2 3/8"	2.375	63134603001	63134603002	63134603003	63134603004
2 7/16"	2.437	63134618001	63134618002	63134618003	63134618004
2 1/2"	2.500	63134635001	63134635002	63134635003	63134635004
2 9/16"	2.562	63134650001	63134651002	63134650003	63134651004
2 5/8"	2.625	63134666001	63134666002	63134666003	63134666004
2 11/16"	2.687	63134682001	63134682002	63134682003	63134683004
2 3/4"	2.750	63134698001	63134698002	63134698003	63134698004
2 13/16"	2.812	63134714001	63134714002	63134714003	63134714004
2 7/8"	2.875	63134731001	63134731002	63134731003	63134731004
2 15/16"	2.937	63134745001	63134745002	63134745003	63134746004
3"	3.000	63134762001	63134762002	63134762003	63134762004

## PILOT PINS

Order #	Pilot Pin Description
63134998305	1" depth of cut, 1/2" diameter and smaller (incl. 13 & 14mm)
63134998315	2" depth of cut, 1/2" diameter and smaller (incl. 13 & 14mm)
63134998300	1" depth of cut, 9/16" diameter and larger
63134998310	2" depth of cut, 9/16" diameter and larger
63134998330	All standard 3" depth of cut, 3/4" diameter and larger
63134998340	4" depth of cut - also use for 3" depth HSS and FEIN Weldon adaptor
63134998012	6" depth of cut

### PILOT PIN FUNCTIONS

- Allows coolant flow to center of cutter during drilling cycle.
- Ejects slug from center of cutter after the drilling cycle.
- Aligns cutters to the desired drilling position.

## HSS CUTTER SETS

### SETS: 1" depth, 3/4" shank

Order # 63134999010	
Cutter Dia.	Decimal Equivalent
9/16"	.5625
11/16"	.6875
13/16"	.8125
15/16"	.9375
1 1/16"	1.062
1" pilot 9/16" to 1 1/16"	
Cutter case	

Order # 63134999020	
Cutter Dia.	Decimal Equivalent
7/16"	.4375
1/2"	.5000
9/16"	.5625
5/8"	.6250
11/16"	.6875
3/4"	.7500
13/16"	.8125
7/8"	.8750
15/16"	.9375
1"	1.000
1 1/16"	1.062
1" pilot 7/16" to 1/2"	
1" pilot 9/16" to 1 1/16"	
Cutter case	



# 63134999020

### SETS: 2" depth, 3/4" shank

Order # 63134999015	
Cutter Dia.	Decimal Equivalent
9/16"	.5625
11/16"	.6875
13/16"	.8125
15/16"	.9375
1 1/16"	1.062
2" pilot 9/16" to 1 1/16"	
Cutter case	

Order # 63134999026	
Cutter Dia.	Decimal Equivalent
7/16"	.4375
1/2"	.5000
9/16"	.5625
5/8"	.6250
11/16"	.6875
3/4"	.7500
13/16"	.8125
7/8"	.8750
15/16"	.9375
1"	1.000
1 1/16"	1.062
2" pilot 7/16" to 1/2"	
2" pilot 9/16" to 1 1/16"	
Cutter case	

## TiN CUTTERS

### TITANIUM NITRIDE (TiN) 3/4" Weldon shank

TiN coatings improve tool life by increasing surface hardness of the tool and providing greater lubricity. TiN coated cutters are generally used in applications where the material being cut is difficult to machine, or when extended tool life is desired.



Metric sizes available on request.



Cutter Dia.	Dec. Equiv.	Order # - 1" DEPTH
7/16"	0.4375	63134111113
1/2"	0.5000	63134127108
9/16"	0.5625	63134142115
5/8"	0.6250	63134158108
11/16"	0.6875	63134174120
3/4"	0.7500	63134190111
13/16"	0.8125	63134206115
7/8"	0.8750	63134222110
15/16"	0.9375	63134238117
1"	1.0000	63134254111
1 1/16"	1.0620	63134269111
1 1/8"	1.1250	63134285109
1 3/16"	1.1870	63134301110
1 1/4"	1.2500	63134317113
1 5/16"	1.3120	63134333105
1 3/8"	1.3750	63134349109
1 7/16"	1.4370	63134364103
1 1/2"	1.5000	63134381111
1 9/16"	1.5620	63134396104
1 5/8"	1.6250	63134412109
1 11/16"	1.6870	63134428105
1 3/4"	1.7500	63134444107
1 13/16"	1.8120	63134461104
1 7/8"	1.8750	63134476104
1 15/16"	1.9370	63134491105
2"	2.000	63134508112
2 1/16"	2.062	63134523105
2 1/8"	2.125	63134539102
2 3/16"	2.187	63134555102
2 1/4"	2.250	63134565102
2 5/16"	2.312	63134587106
2 3/8"	2.375	63134603104
2 7/16"	2.437	63134618102
2 1/2"	2.500	63134635101
2 9/16"	2.562	63134650101
2 5/8"	2.625	63134666103
2 11/16"	2.687	63134682101
2 3/4"	2.750	63134698102
2 13/16"	2.812	63134714101
2 7/8"	2.875	63134731101
2 15/16"	2.937	63134745101
3"	3.000	63134762102

Cutter Dia.	Dec. Equiv.	Order # - 2" DEPTH
7/16"	0.4375	63134110106
1/2"	0.5000	63134127113
9/16"	0.5625	63134142107
5/8"	0.6250	63134158114
11/16"	0.6875	63134174105
3/4"	0.7500	63134190117
13/16"	0.8125	63134206120
7/8"	0.8750	63134222117
15/16"	0.9375	63134237104
1"	1.0000	63134254117
1 1/16"	1.0620	63134269117
1 1/8"	1.1250	63134285114
1 3/16"	1.1870	63134301114
1 1/4"	1.2500	63134317119
1 5/16"	1.3120	63134333111
1 3/8"	1.3750	63134349115
1 7/16"	1.4370	63134364107
1 1/2"	1.5000	63134381117
1 9/16"	1.5620	63134396107
1 5/8"	1.6250	63134412112
1 11/16"	1.6870	63134428108
1 3/4"	1.7500	63134444111
1 13/16"	1.8120	63134461106
1 7/8"	1.8750	63134476106
1 15/16"	1.9370	63134491108
2"	2.000	63134508117
2 1/16"	2.062	63134523109
2 1/8"	2.125	63134539103
2 3/16"	2.187	63134555104
2 1/4"	2.250	63134571110
2 3/8"	2.375	63134603103
2 1/2"	2.500	63134635104
2 9/16"	2.562	63134650103
2 5/8"	2.625	63134666106
2 3/4"	2.750	63134698106
3"	3.000	63134762104

## CARBIDE-TIPPED CUTTERS

Carbide-tipped cutters are the perfect for drilling hard, abrasive and difficult materials. They are designed to run at higher RPMs, making the FEIN KBM and JMU range of magnetic drills the ideal tools to use them on. The best solution for increased performance, longevity and a low cost per hole ratio.

- Offer improved performance over high speed steel (HSS) cutters.
- Much longer service life especially tough materials like stainless steel.
- Carbide inserts specially designed to be very durable providing a burr-free hole.
- Special flute geometry helps to maintain better chip clearance.
- Produce accurate holes without pilot drilling.
- Multiple cutting edge geometry increases productivity.
- Adapt quickly to most drill presses or magnetic based drills.



Cutter Dia.	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #	3" DEPTH Order #	4" DEPTH Order #
1/2"	.5000	63127560110	63127506110	-	-
9/16"	.5625	63127561110	63127507110	-	-
5/8"	.6250	63127562110	63127508110	-	-
11/16"	.6875	63127563110	63127509110	-	-
3/4"	.7500	63127564110	63127510110	63127614110	63127664110
13/16"	.8125	63127565110	63127511110	63127615110	63127665110
7/8"	.8750	63127566110	63127512110	63127616110	63127666110
15/16"	.9375	63127567110	63127513110	63127617110	63127667110
1"	1.000	63127568110	63127514110	63127618110	63127668110
1 1/16"	1.062	63134267030	63127515110	63127619110	63127669110
1 1/8"	1.125	63127570110	63127516110	63127620110	63127670110
1 3/16"	1.187	63127571110	63127517110	63134301030	63127671110
1 1/4"	1.250	63127572110	63127518110	63127622110	63127672110
1 5/16"	1.312	63127573110	63127519110	63127623110	63127673110
1 3/8"	1.375	63127574110	63127520110	63127624110	63127674110
1 7/16"	1.437	63127575110	63127521110	63127625110	63127675110

**3/4" Weldon shank and threaded drives.**

Not available in TiN, TC or Cobalt.

Carbide cutters continued on page 31



## CARBIDE-TIPPED CUTTERS & ACCESSORIES

**3/4" Weldon shank and threaded drives.**

Not available in TiN, TC or Cobalt.

Cutter Dia.	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #	3" DEPTH Order #	4" DEPTH Order #
1 1/2"	1.500	63134380030	63127522110	63127626110	63127676110
1 9/16"	1.562	63127577110	63127523110	63127627110	63127677110
1 5/8"	1.625	63127578110	63127524110	63127628110	63134414030
1 11/16"	1.687	63127579110	63134427030	63127629110	63127679110
1 3/4"	1.750	63127580110	63127526110	63127630110	63127680110
1 13/16"	1.812	63134460030	63127527110	63127631110	63127681110
1 7/8"	1.875	63127582110	63127528110	63127632110	63127682110
1 15/16"	1.937	63134491030	63134492030	63127633110	63127683110
2"	2.000	63127584110	63127530110	63127634110	63127684110
2 1/16"	2.062	63127585110	63127531110	63127635110	63127685110
2 1/8"	2.125	63127586110	63127532110	63127636110	63127686110
2 3/16"	2.187	63127587110	63127533110	63127637110	63127687110
2 1/4"	2.250	63127588110	63127534110	63127638110	63127688110
2 5/16"	2.312	63127589110	63127535110	63127639110	63127689110
2 3/8"	2.375	63127590110	63127536110	63127640110	63127690110
2 7/16"	2.437	63127591110	63127537110	63127641110	63127691110

**Cutters 2 1/2" diameter and larger are with M18 x 1.5, 4 lead threaded drives.**

Not available in TiN, TC or Cobalt.

More larger cutter diameters in are available upon request

Cutter Dia.	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #	3" DEPTH Order #	4" DEPTH Order #
<b>Carbide cutters 2 1/2" diameter or larger with M18 thread require the use of a THREADED DRIVE industrial arbor. See page 35 for arbors.</b>					
2 1/2"	2.500	63127592110	63134636033	63127642110	63127692110
2 3/4"	2.750	63127596110	63134699033	63127646110	63127696110
3"	3.000	63127600110	63134764033	63127650110	63127700110
3 1/4"	3.250	63127603110	63127549110	63127653110	63127703110
3 1/2"	3.500	63134889033	63134890033	63127657110	63127707110
3 3/4"	3.750	63127610110	63134953033	63127660110	63127710110
4"	4.000	63127613110	63134006033	63134003033	63134005033

Additional larger cutter diameters in are available upon request

<b>PILOT PINS for carbide-tipped cutters</b>	
Order #	Description
63134998100	Pilot pin for 1" depth carbide cutters
63134998102	Pilot pin for 2" depth carbide cutters
63134998108	Pilot pin for 3" depth carbide cutters
63134998340	Pilot pin for 4" depth carbide cutters

## TRUCK FRAME CUTTERS

Truck frames are usually multi-layered and manufactured to retain extraordinary strength and durability. Frame materials are more difficult to drill so an effective way to combat this problem is to use an ID-style cutter. Typical annular cutters have a geometry designed to cut through a single layer of metal producing a fast, clean hole with a single slug of material. Applications that require the drilling of two stacked pieces of metal, require the use of Stack-Cut cutters for continuous drilling through layers of material.

### HSS ID Cut TiN Coated



ID-style cutters that are also TiN coated enable continuous drilling through layers. The geometry of these cutters allows for the cutting teeth to cut on the ID of the cutters, which allows for the teeth to cut from the inside out.



Inch Sizes	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #
7/16"	.4375	63134111111	63134110104
1/2"	.5000	63134127106	63134127111
9/16"	.5625	63134142113	63134142105
5/8"	.6250	63134158106	63134158112
11/16"	.6875	63134174119	63134174103
3/4"	.7500	63134190109	63134190115
13/16"	.8125	63134206113	63134206118
7/8"	.8750	63134222107	63134222114
15/16"	.9375	63134238115	63134238124
1"	1.000	63134254108	63134254114
1 1/16"	1.062	63134269108	63134269115
1 3/16"	1.187	63134301109	63134301113
1 1/8"	1.125	-	63134285112
1 1/4"	1.250	63134317110	63134317117
1 5/16"	1.312	-	63134333108
1 1/2"	1.500	63134381109	63134381114
<b>PILOT PIN</b>		63134998300	63134998310

### CARBIDE-TIPPED ID Cut

Carbide Tipped" ID Truck Frame Cutters are the absolute best solution when cutting difficult to drill hard and abrasive materials. They extend cutter life and increase productivity.

Recommended for use with JMC USA90 (page 13)

Inch Sizes	Dec. Equiv.	Ref.	1" DEPTH - Order #
9/16"	.5625	FC113 ID-TCT	69908037333
5/8"	.6250	FC116 ID-TCT	69908037334
11/16"	.6875	FC119 ID-TCT	69908037335
3/4"	.7500	FC121 ID-TCT	69908037336
13/16"	.8125	FC124 ID-TCT	69908037337
7/8"	.8750	FC127 ID-TCT	69908037338
15/16"	.9375	FC130 ID-TCT	69908037339
1"	1.000	FC133 ID-TCT	69908037340
1 1/16"	1.062	FC136 ID-TCT	69908037341
1 1/8"	1.187	FC139 ID-TCT	69908037342
1 3/16"	1.125	FC142 ID-TCT	69908037343
1 1/4"	1.250	FC145 ID-TCT	69908037344
1 5/16"	1.312	FC148 ID-TCT	69908037345
1 3/8"	1.500	FC151 ID-TCT	69908037346
<b>PILOT PINS</b>			
		For diameter 9/16" to 11/16"	63134998331
		For diameter 3/4" to 1 3/8"	63134998332



## TAP SIZE CUTTERS

### Tap Size Cutters - 3/4" Weldon Shank

If you are tapping your holes after you drill, Slugger cutters are available in various tap size configurations.



Tap Size	Pitch	Form	Dia.	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #
1/2"	13	NC	27/64"	.4219	63134107001	63134106002
1/2"	20	NF	29/64"	.4531	63134115001	63134115002
9/16"	12	NC	31/64"	.4843	63134123001**	63134122002
9/16"	18	NF	1/2"	.5000	63134127001	63134127002
5/8"	11	NC	17/32"	.5312	63134134001	63134134002
5/8"	18	NF	9/16"	.5625	63134142001	63134142002
11/16"	11	NS	19/32"	.5938	63134151001	63134150002
11/16"	16	NS	5/8"	.6250	63134158001	63134158002
3/4"	10	NC	21/32"	.6562	63134166001	63134166002
3/4"	16	NF	11/16"	.6875	63134174001	63134174002
7/8"	9	NC	49/64"	.7656	63134194001	63134194002
7/8"	14	NF	51/64"	.7969	-	63134202002
1"	8	NC	7/8"	.8750	63134222001	63134222002
1"	12	NF	59/64"	.9219	63134234001	63134233002
1"	14	NS	59/64"	.9219	63134234001	63134233002
1 1/8"	7	NC	25mm	.9843	63134250001	63134249002
1 1/8"	12	NF	1-1/32"	1.032	63134261001	63134261002
1 1/4"	7	NC	1-7/64"	1.109	-	63134279002
1 1/4"	12	NF	1-11/64"	1.171	-	63134297002
1 1/2"	6	NC	1-11/32"	1.343	-	63134341002
1 1/2"	12	NF	1-27/64"	1.421	-	63134361002
1 3/4"	5	NC	1-9/16"	1.562	63134396001	63134396002
2"	4 1/2	NC	1-25/32"	1.781	-	63134452002

### PILOT PINS

Order #	For
63134998305	1" depth of cut, 1/2" diameter and smaller
63134998315	2" depth of cut, 1/2" diameter and smaller
63134998300	1" depth of cut, 9/16" diameter and larger
63134998310	2" depth of cut, 9/16" diameter and larger



**Note:** If you are tapping many holes, look to FEIN Tappers, designed specifically to tap holes.

See the FEIN Tooling section in this catalogue for cordless and electric tappers.

## COBALT CUTTERS



Inch Sizes	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #
7/16"	.4375	63134111007	63134110008
1/2"	.5000	63134127007	63134127008
9/16"	.5625	63134142007	63134142008
5/8"	.6250	63134158007	63134158008
11/16"	.6875	63134174007	63134174008
3/4"	.7500	63134190007	63134190008
13/16"	.8125	63134206007	63134206008
7/8"	.8750	63134222007	63134222008
15/16"	.9375	-	63134238008
1"	1.000	63134254007	63134254008
1 1/16"	1.062	63134269007	63134269008
1 1/8"	1.125	63134285007	63134285008
1 3/16"	1.187	63134301007	63134301008
1 1/4"	1.250	63134317007	63134317008
1 5/16"	1.312	63134333007	63134333008
1 3/8"	1.375	63134349007	63134349008
1 7/16"	1.437	-	63134364008
1 1/2"	1.500	63134381007	63134381008
1 9/16"	1.562	63134396007	63134396008
1 5/8"	1.625	63134412007	63134412008
1 11/16"	1.687	-	63134428008
1 3/4"	1.750	63134444007	63134444008
1 13/16"	1.812	63134461007	63134461008
1 7/8"	1.875	63134476007	63134476008
1 15/16"	1.937	-	63134491008
2"	2.000	63134508007	63134508008
2 1/16"	2.062	-	63134523008
2 1/8"	2.125	-	63134539008
2 3/16"	2.187	-	63134555008
2 1/4"	2.250	63134571007	63134571008
2 7/16"	2.437	-	63134618008
2 1/2"	2.500	-	63134635008



### M42 Cobalt Steel Cutters

Cobalt cutters are effective when drilling material with inconsistent composition. They are also valuable when increased feed rates are necessary and extending tool life between sharpenings is desirable.

PILOT PINS	Order #	For
	63134998305	1" depth of cut, 1/2" diameter and smaller
	63134998315	2" depth of cut, 1/2" diameter and smaller
	63134998300	1" depth of cut, 9/16" diameter and larger
	63134998310	2" depth of cut, 9/16" diameter and larger

## CARBIDE UNIVERSAL SHANK CUTTERS

**Carbide Universal Shank Cutters** are suitable for most materials and applications. Smooth cutting tooth geometry reduces vibration and loading. The tungsten carbide tips provide a long tool life in the toughest of materials. TCT cutters are harder and able to resist higher temperatures resulting in less wear.

Recommended for  
Nitto Kohki magnetic drills



Diameter	Order #	Ref. #
<b>2" DEPTH</b>		
9/16	69908037101	FUSC213TCT
5/8	69908037102	FUSC216TCT
11/16	69908037103	FUSC219TCT
3/4	69908037104	FUSC221TCT
13/16	69908037105	FUSC224TCT
7/8	69908037106	FUSC227TCT
15/16	69908037107	FUSC230TCT
1	69908037108	FUSC233TCT
1 <sup>1</sup> / <sub>16</sub>	69908037109	FUSC236TCT
1 <sup>1</sup> / <sub>8</sub>	69908037110	FUSC239TCT
1 <sup>3</sup> / <sub>16</sub>	69908037111	FUSC242TCT
1 <sup>1</sup> / <sub>4</sub>	69908037112	FUSC245TCT
1 <sup>5</sup> / <sub>16</sub>	69908037113	FUSC248TCT
1 <sup>3</sup> / <sub>8</sub>	69908037114	FUSC251TCT
1 <sup>7</sup> / <sub>16</sub>	69908037115	FUSC254TCT
1 <sup>1</sup> / <sub>2</sub>	69908037116	FUSC257TCT
1 <sup>9</sup> / <sub>16</sub>	69908037117	FUSC260TCT
1 <sup>5</sup> / <sub>8</sub>	69908037118	FUSC263TCT
1 <sup>11</sup> / <sub>16</sub>	69908037119	FUSC266TCT
1 <sup>3</sup> / <sub>4</sub>	69908037120	FUSC269TCT
1 <sup>13</sup> / <sub>16</sub>	69908037121	FUSC272TCT
1 <sup>7</sup> / <sub>8</sub>	69908037122	FUSC275TCT
1 <sup>15</sup> / <sub>16</sub>	69908037123	FUSC278TCT
2	69908037124	FUSC281TCT
2-1/16	69908037125	FUSC283TCT
<b>3" DEPTH</b>		
13/16	69908037126	FUSC324TCT
15/16	69908037127	FUSC330TCT
1 <sup>1</sup> / <sub>16</sub>	69908037128	FUSC336TCT
<b>4" DEPTH</b>		
15/16	69908037129	FUSC430TCT

<b>PILOT PINS for carbide universal shank cutters</b>	Order #	Ref. #	For	For depth
	69908037131	FUSC62106	Diameter 1/2 to 11/16"	2"
	69908037133	FUSC81108	Diameter 3/4 to 2 <sup>3</sup> / <sub>8</sub> "	2"
	69908037134	FUSC81130	Diameter 3/4 to 2 <sup>3</sup> / <sub>8</sub> "	3"
	69908037135	FUSC81160	Diameter 3/4 to 2 <sup>3</sup> / <sub>8</sub> "	4"

## SLUGGER INDUSTRIAL ARBORS



### For Slugger cutters with 3/4" shank drives

Industrial arbors quickly and easily adapt Slugger cutters to most types of conventional and CNC machinery. Slugger arbors and cutters increase the versatility and capacities of many machines. Industrial arbors have spring loaded slug ejection systems and are offered with optional coolant inducers to provide proper coolant to the interior of Slugger cutters. Arbors are available with R-8, 1"SS and #2 MT – #5 MT shank configurations.

Order #	Shank	Arbor bore	Outside diameter	Overall Length	Shank length	Coolant collar *
33498294180	#2MT	3/4"	1 3/8"	8 5/8"	3 1/4"	
33498294380	#2MT	3/4"	2" *	8 5/8"	3 1/4"	Yes
33498294200	#3MT	3/4"	1 3/8"	6 9/16"	3 7/8"	
33498294400	#3MT	3/4"	2" *	6 9/16"	3 7/8"	Yes
33498294240	#4MT	3/4"	2"	7 7/8"	4 7/8"	
33498294440	#4MT	3/4"	2 3/8" *	7 7/8"	4 7/8"	Yes
33498294280	#5MT	3/4"	2"	8 5/8"	6 1/8"	
33498294480	#5MT	3/4"	2 3/8" *	8 5/8"	6 1/8"	Yes
33498294320	R8	3/4"	1 3/8"	7 3/4"	4 1/8"	
33498294520	R8	3/4"	2" *	7 3/4"	4 1/8"	Yes
33498294140	1"SS	3/4"	1 3/8"	5 13/16"	3 1/4"	
33498294340	1"SS	3/4"	2" *	5 13/16"	3 1/4"	Yes

\* Coolant Collar increases outside diameter

### For Slugger cutters with 1 1/4" shank drives

Order #	Shank	Arbor bore	Outside diameter	Overall length	Overall shank	Coolant collar *
33498294220	#3MT	1 1/4"	2 1/4"	7 7/8"	3 7/8"	
33498294420	#3MT	1 1/4"	2 3/8" *	7 7/8"	3 7/8"	Yes
33498294260	#4MT	1 1/4"	2 1/4"	7 3/4"	4 7/8"	
33498294460	#4MT	1 1/4"	2 3/8" *	7 3/4"	4 7/8"	Yes
33498294300	#5MT	1 1/4"	2 1/4"	10 1/8"	6 1/8"	
33498294500	#5MT	1 1/4"	2 3/8"	10 1/8"	6 1/8"	Yes
33498294160	R8	1 1/4"	2 1/4"	7 1/8"	4 1/8"	
33498294540	R8	1 1/4"	2 3/8" *	7 1/8"	4 1/8"	Yes
33498294360	1"SS	1 1/4"	2 3/8" *	8 15/16"	3 1/4"	Yes

\* Coolant Collar increases outside diameter

For Slugger carbide-tipped cutters	Order #	Description
2 1/2" diameter or larger	33498294800	2" depth with coolant inducer 3MT
	33498294860	2" depth with thru-spindle coolant 3MT
	33498294820	3" depth with coolant inducer 3MT
	33498294880	3" depth with thru-spindle coolant 3MT
	33498294840	4" depth with coolant inducer 3MT
	33498294900	4" depth with thru-spindle coolant 3MT

**Arbor breakdowns are available on request**

## SHEET METAL CUTTER SETS



**1/4" DEPTH OF CUT**

<b>Cutter Set - 5/16 to 3/4"</b>	
<b>Order # 63134999044</b>	
<b>Includes</b>	<b>Dec. equiv.</b>
5/16"	.3125
3/8"	.3750
7/16"	.4375
1/2"	.5000
9/16"	.5625
5/8"	.6250
3/4"	.7500
Arbor assembly	
Pilot pin	
3mm hex key	
Carrying case	

<b>Cutter Set - 7/8 to 2 1/8"</b>	
<b>Order # 63134999058</b>	
<b>Includes</b>	<b>Dec. equiv.</b>
7/8"	.8750
1"	1.000
1 1/4"	1.250
1 3/8"	1.375
1 5/8"	1.625
2 1/8"	2.125
3/8" arbor assembly	
1/2" arbor assembly	
3mm hex key	
Carrying case	

<b>Electrician Kit</b>	
<b>Order # 63134999056</b>	
<b>Includes</b>	<b>Dec. equiv.</b>
7/8"	.8750
1 1/8"	1.125
1 3/8"	1.375
1 3/4"	1.750
2"	2.000
2 1/2"	2.500
Pilot	
3mm hex key	
3/8" arbor assembly	
1/2" arbor assembly	
Carrying case	



<b>SHEET METAL ARBOR ASSEMBLIES</b>				
<b>Order #</b>	<b>Contents</b>			
<b>63134161340</b> Arbor fits 6mm cutters and 3/8" and larger drills	63134124420	Arbor body only	43098706000	SSS, M6 x 1.0 x 6
	63134998030	Pilot	43098705000	SSS, M5 x 0.8 x 5 DIN 916
	30998744260	Spring		
<b>63134161360</b> Arbor fits 5/16" to 13/16" cutters and 3/8" and larger drills	63134124420	Arbor body only	30998744260	Spring
	63134998034	Pilot	43098706000	SSS, M6 x 1.0 x 6
<b>33498294640</b> Arbor fits 7/8" to 1 3/8" cutters and 3/8" and larger drills	33498223560	Arbor body only	43098706000	SSS, M6 x 1.0 x 6
	63134998044	1/4" Pilot	31342621163	Compression spring
	33498220200	Cinch nut "LH thread"		
<b>33498294620</b> Arbor fits 1 7/16" to 3" cutters and 1/2" and larger drills	33498223540	Arbor body only	43098706000	SSS, M6 x 1.0 x 6
	63134998044	1/4" Pilot	31342621163	Compression spring
	33498220180	Cinch nut "LH thread"		



## SHEET METAL CUTTERS

### 1/4" DEPTH OF CUT



Sluggger thin metal cutters are capable of accurately producing holes up to 3" diameter in sheet metal, light tubing, rubber, fiber materials and select plastics.

Designed for use with hand-held drilling equipment, Sluggger thin metal cutters drill up to three times faster than hole saws and have superior tool life.

Cutter Diameter	Dec. Equiv.	1/4" DEPTH Order #
6mm	.2362	63134006025
1/4"	.2500	63134063025
7mm	.2750	63134070025
9/32"	.2810	63134071025
5/16"	.3125	63134079025
8mm	.3149	63134080025
11/32"	.3438	63134087025
9mm	.3543	63134089025
3/8"	.3750	63134095025
10mm	.3937	63134100025
13/32"	.4062	63134103025
27/64"	.4219	63134107025
11mm	.4330	63134109025
7/16"	.4375	63134110025
15/32"	.4688	63134118025
12mm	.4724	63134120025
1/2"	.5000	63134127025
13mm	.5118	63134129025
17/32"	.5312	63134134025
14mm	.5518	63134139025
9/16"	.5625	63134142025
15mm	.5905	63134149025
5/8"	.6250	63134158025
16mm	.6299	63134159025
17mm	.6692	63134169025
11/16"	.6875	63134174025
18mm	.7086	63134179025
23/32"	.7188	63134182025
19mm	.7480	63134189025
3/4"	.7500	63134190025

Cutter Diameter	Dec. Equiv.	1/4" DEPTH Order #
20mm	.7874	63134199025
13/16"	.8125	63134206025
7/8"	.8750	63134222025
15/16"	.9375	63134238025
1"	1.000	63134254025
1 1/16"	1.062	63134269025
1 1/8"	1.125	63134285025
1 3/16"	1.187	63134301025
1 1/4"	1.250	63134317025
1 5/16"	1.312	63134333025
1 3/8"	1.375	63134349025
1 7/16"	1.437	63134365025
1 1/2"	1.500	63134381025
1 9/16"	1.562	63134396025
1 5/8"	1.625	63134412025
1 3/4"	1.750	63134444025
1 13/16"	1.812	63134460025
1 7/8"	1.875	63134476025
2"	2.000	63134508025
2 1/16"	2.062	63134523025
2 1/8"	2.125	63134539025
2 1/4"	2.250	63134571025
2 5/16"	2.312	63134587025
2 3/8"	2.375	63134603025
2 1/2"	2.500	63134635025
2 9/16"	2.562	63134651025
2 5/8"	2.625	63134666025
2 3/4"	2.750	63134698025
2 7/8"	2.875	63134731025
3"	3.000	63134762025



## CARBIDE-TIPPED SHEET METAL CUTTERS

- Excellent for hand-held or drill press applications.
- Heavy-duty carbide-tipped cutter outperforms high speed steel or bi-metal cutters in certain applications.
- Multiple cutting edge geometry increases productivity.
- Great for use in stainless steel, brass or structural steel.
- Easy slug ejection.
- Low cost with increased hole drilling productivity.
- 1/2" shanks with chucking flats for hand held operations.
- For applications over 1/2" thickness, using a drill press is recommended.



### 3/16" DEPTH OF CUT

Cutter diameter	Decimal equivalent	3/16" DEPTH Order #
5/8"	.6250	63134159032
11/16"	.6875	63134175032
3/4"	.7500	63134191032
13/16"	.8125	63134206032
7/8"	.8750	63134222032
15/16"	.9375	63134237029
1"	1.000	63134254032
1 1/16"	1.062	63134269032
1 1/8"	1.125	63134286032
1 1/4"	1.250	63134318032
1 5/16"	1.312	63134333032
1 3/8"	1.375	63134349029
1 7/16"	1.437	63134364029
1 1/2"	1.500	63134381032
1 3/4"	1.750	63134445032
2"	2.000	63134508032
2 1/8"	2.125	63134539029
2 1/4"	2.250	63134571029
2 3/8"	2.375	63134603029
2 1/2"	2.500	63134636029
2 5/8"	2.625	63134667029
3"	3.000	63134762029
<b>PILOT PIN</b>		63134998104

### 1" DEPTH OF CUT

Cutter diameter	Decimal equivalent	1" DEPTH Order #
11/16"	.6875	63134175031
3/4"	.7500	63134191031
13/16"	.8125	63134206031
7/8"	.8750	63134222031
15/16"	.9375	63134237031
1"	1.000	63134254031
1 1/16"	1.062	63134270028
1 1/8"	1.125	63134286031
1 1/4"	1.250	63134318028
1 5/16"	1.312	63134333028
1 3/8"	1.375	63134349031
1 7/16"	1.437	63134364031
1 1/2"	1.500	63134381031
<b>PILOT PIN</b>		63134998106
<b>COMPRESSION SPRING</b>		31342621163

**Carbide-tipped sheet metal cutters are not available in TINI, TC or cobalt.**

**In surface finishing, only one thing counts - flawless results in every respect.**

Whether grinding or polishing with the extensive range of FEIN power tools or specially-selected Finishing Sets, FEIN offers the best products for satisfying the highest demands of surface finishing. In stainless steel finishing, just as in woodworking, interior renovation, automotive and boat repair, or any other specialty applications, you can count on FEIN. Powerful and durable tools, with outstanding ergonomics for fatigue-free, energy-saving work and with application-oriented accessories – for perfect results.



As demand for stainless steel increases, so does the realm of applications. Each processing procedure calls for specific knowledge, techniques and experience. Surface processing of flat materials, tubes and profiles, corners and edges in stainless steel requires the highest standards of precision and surface quality. FEIN years of experience and in-depth industry knowledge enables us to provide the expertise and solutions to the demands and challenges of your daily applications.

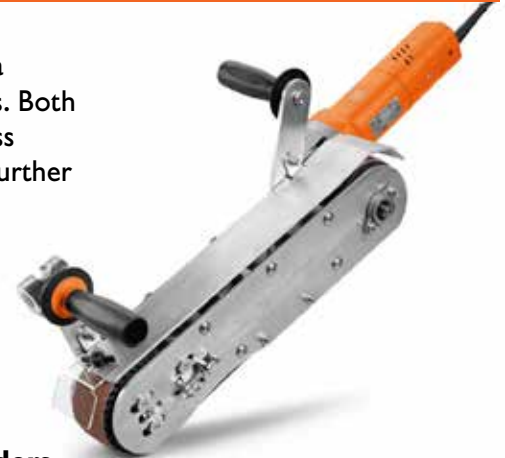
Further products related to surface finishing can be found in the GRIT Stationary Belt Grinding and the FEIN Abrasives sections of this catalogue.



## HAND-HELD BELT GRINDERS

**Powerful, hand-held belt grinding machine for flexible on-site operation.**

FEIN's revolutionary hand-held belt grinders provide industry and trade with a portable belt grinding system for a variety of grinding and finishing applications. Both models offer aggressive grinding in steel as well as excellent finishing in stainless steel. When grinding steel, the finish leaves no rotary grind lines that require further grinding, a smooth finish is produced.



### Benefits vs grinders

- 3x faster bevelling and grinding
- Excellent belt life with Cubitron belts
- Tool-free belt change
- Superior surface finishing
- High metal removal rate
- Converts into a stationary belt grinding machine

### GHB HAND-HELD BELT GRINDERS \*

Order #	Model	Description	Watts	RPM
79030109124	GHB 15-50	Single speed	1,500	8,500
79030209124	GHB 15-50 INOX	Variable speed	1,500	2,500 - 7,900

Comes with 1 grinding belt 39¼ x 2" (1000x50mm) grit 36

**New modules expand the range of applications for the powerful GHB mobile belt grinding system.** Mobile and flexible on-site operation with quick set up times.

### MODULES FOR GHB - See page 42

Order #	Description
99001012020	GHRB module for stationary pipe notching
99001012010	GHRM module for mobile surface treatment
99001012000	GHRD module for stationary belt grinding
99001012040	GHRK module for mobile beveling



See the GRIT section for the full line of stationary belt grinders and pipe notchers.

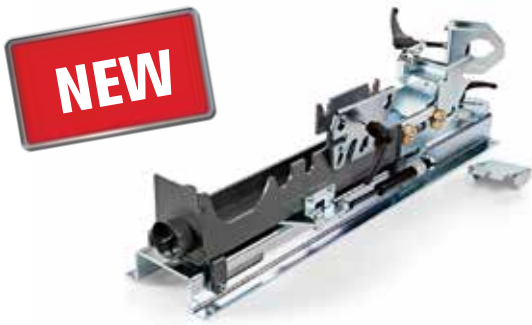


## HAND-HELD BELT GRINDERS

### **GHBR for stationary pipe notching**

**Order # 99001012020**

- On-site use also possible
- Easily process pipes with different diameters
- Precise radii in one step
- Contact rollers for different pipe diameters
- Recommended for use with the GHB 15-50 INOX



### **GHBD for stationary belt grinding**

**Order # 99001012000**

- Converts hand-held GHB machine into a stationary belt grinder
- Perfect chamfering due to adjustable grinding table
- Process profiles and pipes on the grinding table
- Designed for tough jobs



### **GHBM for mobile surface treatment**

**Order # 99001012010**

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



### **GHBK for mobile beveling**

**Order # 99001012040**

- For long and straight plates
- Bevel and material removal faster than an angle grinder
- Bevel adjustment from 0-60°
- Bevel depth 13/16" (20mm)
- Clamps on the work piece
- Robust construction for heavy-duty operation
- Spark box



## HAND-HELD BELT GRINDERS



GRINDING BELTS GHB			
Order #	Grit	Size	Pack
<b>Z: Zirconia</b>			
69903130000	36	2 x 39¼" (50x1000mm)	10
69903131000	60		
69903132000	80		
69903133000	120		
<b>A: Aluminium oxide</b>			
69903134000	220	2 x 39¼" (50x1000mm)	10
69903135000	320		
69903136000	400		
<b>C: Cubitron</b>			
69903126000	36	2 x 39¼" (50x1000mm)	10
69903127000	60		
69903128000	80		
<b>R: Ceramic</b>			
69903137000	36	2 x 39¼" (50x1000mm)	10
69903138000	60		
69903139000	80		
69903140000	120		
<b>F: Fleece</b>			
69903142000	Coarse	2 x 39¼" (50x1000mm)	3
69903143000	Medium		
69903144000	Fine		
69908034034	Super polishing belt		1

GRINDING BELTS GHBR				
Order #	Type	Grit	Size	Pack
69903157000	<b>C: Cubitron</b>	36	2 x 45¼" (50x1150mm)	10
69903158000	<b>R: Ceramic</b>	36		
69903159000	<b>Z: Zirconia</b>	36		



More contact rollers are available up to 42.2mm. See the GHB brochure for the full range.

CONTACT ROLLERS GHBR			
Order #	Diameter	Order #	Diameter
69902000409	16mm	69902000417	25.4mm
69902000411	19mm	69902000421	28mm
69902000415	22mm		



## FILLET WELD GRINDER

### Compact solution for angles and edges.

Work with extreme accuracy, even in hard-to-reach places with the KS 10-38E. This small, low-profile and handy tool removes fillet welds quickly and easily after welding. Even the tightest angles and seams can be leveled, ground and polished while scratches and unevenness can be removed with precision.

- Flexible operation with tool-free rotating arm
- Low-profile design for angles, seams, and hard to reach places
- Electronic speed control
- Long belt drive service life due to maintenance-free tensioning system

**Order #:** 72216760090    **Description:** KS 10-38E SET

- Includes:** KS 10-38E Fillet Weld Grinder, carrying case.  
 1 medium fleece disc 1/8" (3mm) thick,  
 1 medium fleece disc 1/4" (6mm) thick,  
 1 fine fleece disc 1/8" (3mm) thick,  
 1 fine fleece disc 1/4" (6mm) thick,  
 1 profiling stone for shaping fleece discs



Model	KS 10-38E
Power input	800 W
Speed RPM	1,350 to 3,750
Max. circumferential speed	97 ft/sec (29.5 m/sec) at 3,750 max. rpm
Cord length	13 ft. (4 m)
Weight (EPTA)	7 lbs (3.2 kg)
Wheel diameter	6 in. (150mm)

### ACCESSORIES

Order #	Description	Dia.	RPM	Size	Pack
63734008010	Fleece disc extra-hard	6" (150mm)	6,000	1/4" (6mm)	1
63734002010	Fleece disc hard	6" (150mm)	6,000	1/4" (6mm)	1
63734001010				1/8" (3mm)	1
63734004010	Fleece disc medium	6" (150mm)	6,000	1/4" (6mm)	1
63734003010				1/8" (3mm)	1
63734006010	Fleece disc fine	6" (150mm)	6,000	1/4" (6mm)	1
63734005010				1/8" (3mm)	1
63734007010	Fleece disc very fine	6" (150mm)	6,000	1/4" (6mm)	1
63718011010	Felt polishing wheel	6" (150mm)	6,000	1/4" (6mm)	1
63719011010	Profiling stone - grit 36				1
63726008012	Polishing paste - red, 6.7 fl.oz. (200 ml)				1
63726009016	Polishing paste - white, 6.7 fl.oz. (200 ml)				1
63726007014	Viennese chalk - 2.2 lbs (1 kg)				1

## BELT FILE

**Smooth edges, deburr sheet metal and level weld seams.**

The FEIN BF 10-280E is a high performance, multi-purpose belt file for professional surface processing. A versatile, durable tool featuring low weight and outstanding handling. The most powerful belt file of its class on the market, featuring perfect belt tracking even with narrow belts.

**Order #: 72280551090**

**Description: BF 10-280E SET**

**Includes:**

- BF 10-280E Belt File tool
- Carrying case
- 3 grinding arms (1 of each type)
- 10 abrasive belts 3/32" (3mm) grit 120
- 10 abrasive belts 1/4" (6mm) grit 120
- 10 abrasive belts 3/4" (20mm) grit 120
- 5 fleece belts 1/4" (6mm) medium

Model	BF 10-280E
Power input	800 W
Speed RPM	10,000 - 28,000
Belt speed	39 - 105 ft/s
Weight (EPTA )	4.6 lbs (2.1 kg)
Cable	13 ft. (4 m)
Plunge depth	6½ in. (165mm)



ACCESSORIES					
Order #	Description	Size in.	Size mm	Grit	Pack
63810026010	Grinding arm - Offset	3/32 / 1/4	3 / 6		1
63810027010	Grinding arm - Straight	3/32 / 1/4	3 / 6		1
63810030010	Grinding arm - Straight	3/4	20		1
63714061010	Ceramic grinding belts	3/32 x 20½	3 x 520	80	10
63714062010		3/32 x 20½	3 x 520	120	10
63714063010		3/32 x 20½	3 x 520	180	10
63714068010		1/4 x 20½	6 x 520	80	10
63714069010		1/4 x 20½	6 x 520	120	10
63714070010		1/4 x 20½	6 x 520	180	10
63714089010		3/4 x 20½	20 x 520	80	10
63714090010		3/4 x 20½	20 x 520	120	10
63714091010		3/4 x 20½	20 x 520	180	10
63714114010		Fleece belts	1/4 x 20½	6 x 520	Coarse
63714115010	1/4 x 20½		6 x 520	Medium	5
63714116010	1/4 x 20½		6 x 520	Fine	5
63714123010	3/4 x 20½		20 x 520	Coarse	5
63714124010	3/4 x 20½		20 x 520	Medium	5
63714125010	3/4 x 20½		20 x 520	Fine	5
63726016010	Super polishing belts	1/4 x 20½	6 x 520		3
63726019010		3/4 x 20½	20 x 520		3
63726008012	Pre-polishing paste - red, 6.7 fl.oz. (200 ml)				1
63726009016	Polishing paste - white, 6.7 fl.oz. (200 ml)				1



## PIPE SANDERS

**Sand and polish stainless steel pipes from rough to mirror finish.**

High performance polishing of stainless steel pipes FEIN pipe sanders complete with accessory selection covering rough sanding to mirror finish. Flexible sanding belts provide safe, precise tracking and tool-free belt changes. FEIN pipe sanders feature high power motors with variable speed and dust-proof ball bearings.

**Order #: 72216660090**

**RS 10-70E PRO SET: Handy, compact pipe sander for stainless steel tubes 3/8" to 1 3/4"**



**RS 10-70E**

**Includes:**

- Pipe Sander RS 10-70E
- Plastic carrying case
- 10 sanding belts, 30x533mm, grit 80
- 10 sanding belts, 30x533mm, grit 120
- 5 fleece belts, 30x533mm, grit 280



**Order #: 72211351035**

**RS 12-70E PRO SET: Pipe sander for stainless steel tubes 3/8" to 3 1/8"**



**RS 12-70E**

**Includes:**

- Pipe Sander RS 12-70E
- Plastic carrying case
- 10 sanding belts, 20x815mm, grit 120
- 10 sanding belts, 20x815mm, grit 180
- 10 sanding belts, 40x815mm, grit 120
- 10 sanding belts, 40x815mm, grit 180
- 5 fleece belts, 20x815mm, grit 280
- 2 stepped rollers



Model	RS 10-70E	RS 12-70E
Power input	800 W	1,200 W
Speed RPM	2,500 to 7,000	2,500 to 7,000
Minimum wall clearance	2 in. (50mm)	2 in. (50mm)
Pipe diameter	3/8 to 1 3/4 in. (10 to 45mm)	3/8 to 3 1/8 in. (10 to 80mm)
Cord length	13 ft. (4 m)	13 ft. (4 m)
Weight (EPTA)	6.4 lbs (2.9 kg)	8.3 lbs (3.8 kg)





## PIPE SANDER ACCESSORIES



ACCESSORIES FOR RS 10-70E				
Description	Order #	Pack	Size	Grit
<b>Sanding Belts</b>	63714136010	10	1 1/8 x 21" (30 x 533mm)	80
	63714137010			120
	63714138010			180
	63714139010			320
	63714140010			400
<b>Fleece Belts</b>	63714141010	5	1 1/8 x 21" (30 x 533mm)	80
	63714142010			120
	63714143010			280
<b>Polishing Belts</b>	63714144010	3		Soft

ACCESSORIES FOR RS 12-70E				
Description	Order #	Pack	Size	Grit
<b>Fleece belts</b>	63714056016	5	1 9/16 x 32 1/16" (40 x 815mm)	80
	63714057010			120
	63714058018			280
	69908034252			Coarse
	69908036110			Medium
	69908036135			Fine
<b>Sanding belts</b>	69908034025	10	13/16 x 32 1/16" (20 x 815mm)	80
	63714050015			120
	63714051014			180
	63714052017			320
	63714053011			400
	69908034234	10	1 9/16 x 32 1/16" (40 x 815mm)	600
	69908034253			60
	69908036109			80
	63714054019			120
	63714055013			180
69908034235	280			
<b>Ceramic belts</b>	63714130010	10	20 x 815mm	80
	63714131010	10	40 x 815mm	80
<b>Polishing belts</b>	63726010018	3	20 x 815mm	

GENERAL ACCESSORIES		Order #
Guide pulleys	Minimum wall distance 2"	31335017011
Roller kit	2 rollers, 2 nuts, 4 bearings	31335019020
Pre-polishing paste - Red	6.7 fl.oz. (200 ml)	63726008012
Polishing paste - White	6.7 fl.oz. (200 ml)	63726009016



## BELT GRINDING ARM

**Turn your polisher into a pipe polisher with a RBSV 650 belt grinding arm set.**

- Use the RBSV 650 on right angle polishers with speed control from 500 to 7,900 RPM. For fine finishing the best speed range is up to 3,000 RPM or slower.
- Finish pipe from 5/16 up to 10 inches, 360 degrees in two steps. The design of the arm allows you to finish pipe 2 inches from the wall.
- The grinding arm is rotatable with tool-free belt installation and perfect tracking of belts.
- From weld seam removal, to satin finishing, to a mirror finish, a wide range of belts is available that perform perfectly even on small radii.



### GRINDING ARM ATTACHMENT

**Order #: 69908030272 RBSV 650 SET for polishing accessories**

**Contents:** Belt grinding arm 5/8-11, case, 4 ceramic grinding belts (grits 40/60/80/120), 1 Trizact belt grit 120, 2 fleece belts 35x650mm medium & extra-fine, 1 fleece belt 15x650mm medium, 2 zirconia belts (grits 80/120)

### ACCESSORIES

Order #	Ref. #	Size mm	Size in.	Grit	Pack
<b>Ceramic grinding belts</b>					
69908034049	9293565040	35 x 650	1 <sup>3</sup> / <sub>8</sub> x 25 <sup>1</sup> / <sub>2</sub>	40	10
69908034050	9293565060			60	10
69908034051	9293565080			80	10
69908034048	92935650120			120	10
<b>Zirconia grinding belts</b>					
69908034053	9971565080	15 x 650	5/8 x 25 <sup>1</sup> / <sub>2</sub>	80	20
69908034052	99715650120			120	20
<b>Trizact grinding belts</b>					
69908034016	23735650160	35 x 650	1 <sup>3</sup> / <sub>8</sub> x 25 <sup>1</sup> / <sub>2</sub>	160	10
69908034014	23735650100			220	10
69908034019	2373565065			280	10
69908034018	2373565045			400	10
69908034017	2373565030			600	10
<b>Fleece belts</b>					
69908034020	35650AMEDXS	35 x 650	1 <sup>3</sup> / <sub>8</sub> x 25 <sup>1</sup> / <sub>2</sub>	Medium	5
69908034021	35650AVFXS	35 x 650	1 <sup>3</sup> / <sub>8</sub> x 25 <sup>1</sup> / <sub>2</sub>	Extra-fine	5
69908034013	15650AMEDXS	15 x 650	5/8 x 25 <sup>1</sup> / <sub>2</sub>	Medium	5
<b>Super polishing belts</b>					
69908034043	72135650	35 x 650	1 <sup>3</sup> / <sub>8</sub> x 25 <sup>1</sup> / <sub>2</sub>	Yellow	1



# SURFACE FINISHING

## VARIABLE SPEED POLISHERS

**Constant speed and torque for the exact finish required.**



Excellent results in steel, stainless steel, sheet metal and more. Also available in application-oriented polishing/finishing sets, shown on page 50.

There is no one tool for finishing applications. Many different surface types such as sheet, pipe, profiles and corners, each present a specific challenge. There are many different applications from weld removal or tarnish removal to processing of satin or #4 finish right up to mirror finish.

FEIN offers polishing tools with a wide range of RPMs to match the application at hand. Working at the correct RPM is one of the most important factors in producing the finish required. Even more critical, is the optimum RPM for the finishing product being used.

From 500 up to 8,500 RPM, FEIN variable speed polishers offer the optimum speed for any finishing abrasive. Two models have double-gear reduction from a planetary gear set for absolute constant speed and torque, providing the most consistent finish throughout the process.



Models that run from 2,500 to 8,500 RPM with electronic speed control are also perfect for finishing with wire wheels, flap discs, sanding discs, cut-off and grinding wheels.

Match the tool with a FEIN finishing accessory or choose a set that offers the tool plus accessories that best fit the finish you require.

By choosing FEIN, you are assured of getting perfectly matched tools and accessories resulting in a perfect finish.

VARIABLE SPEED POLISHERS / GRINDERS			
Order #	Model	RPM	Power
72214812360	WPO 14-15E	500 - 1,500	1,200 W
72214912360	WPO 14-25E	900 - 2,500	1,200 W
Includes: grip cap and side handle			
72221360090	WSG 17-70 INOX	2,500 - 8,000	1,500 W
72222260900	WSG 17-70 INOX R	2,500 - 8,000	1,500 W
Includes: wheel guard, set of flanges, side handle, wrench			

BASIC POLISHER SETS: Polisher with mounting equipment including side handle, hand guard, holder, 4" double keyway mandrel, 5/8-11, large case			
Order #	Description	RPM	Power
69908030007	WPO 14-25E BASIC SET	900 - 2,500	1,200 W
69908030001	WSG 17-70 INOX BASIC SET	2,500 - 8,000	1,500 W

### POLISHING GUARD SYSTEMS for use with all polishing accessories on pages 52 to 55

FOR WPO 14-15E / WPO 14-25E	
Order #	Description
63733006010	Holder for WPO Polishers
30229216005	Hand guard
63803068020	4" double keyway mandrel 5/8-11
63803072020	2" double keyway mandrel 5/8-11

FOR WSG 17-70 INOX	
Order #	Description
69908030107	Holder for WSG Inox Polishers
30229216005	Hand guard
63803068020	4" double keyway mandrel 5/8-11
63803072020	2" double keyway mandrel 5/8-11



## FINISHING SETS

**For every application, the right tool in combination with the right accessories is vital.**

With FEIN finishing sets, you are guaranteed to have the best possible tool combined with the appropriate accessories to provide the highest of finishing results for your application.

**Order #: 69908030010**

### WPO 14-25E SATIN SET for #4 Stainless Steel Satin Finish

Qty.	Contents:	Ref. #
1	WPO 14-25E Basic Set	69908030007
1	Satin Finishing Wheel Kit 4x4": (1 sinus & 2 gum wheels)	63721050020
1	Rhombus cleaning block	63719007010



#### SATIN SET

Polishing tool and accessory set for stainless steel satin finishing, also suitable for non-ferrous metals. The most versatile method where an inline scratch pattern is required.

**Order #: 69908030008**

### WPO 14-25E INLINE SET for Inline Finishing

Qty.	Contents:	Ref. #
1	WPO 14-25E Basic Set	69908030007
2	4x4" Zirconia sleeve, grit 60	69908034121
2	4x4" Zirconia sleeve, grit 80	69908034122
1	4x4" Fleece sleeve, coarse	69908034113
1	4x4" Fleece sleeve, medium	69908034114
1	4x4" Poli-Mix wheel, grit 180	69908034169
1	4x4" Sinus wheel	63721051010
1	4x4" Expanding rubber wheel	69908034110
1	Rhombus cleaning block	63719007010

#### INLINE SET

Polishing tool plus a wide selection of accessories for linear inline finishing, grinding and graining.



**Order #: 69908030009**

### WPO 14-25E MIRROR SET for Mirror Finish Preparation

Qty.	Contents:	Ref. #
1	WPO 14-25E Basic Set	69908030007
2	4x4" TZ sleeve A06, grit 2,000	69908034125
2	4x4" TZ sleeve A16, grit 1,200	69908034126
2	4x4" TZ sleeve A30, grit 600	69908034127
2	4x4" TZ sleeve A45, grit 400	69908034128
2	4x4" TZ sleeve A65, grit 280	69908034129
2	4x4" TZ sleeve A100, grit 220	69908034130
2	4x4" TZ sleeve A160, grit 120	69908034131
3	4x4" super polishing sleeve	69908034117
1	Poli-White hi-gloss 650g	69908034081
1	Poli-Blue hi-gloss finish 650g	69908034082
1	Poli-Pink polishing cream 1 kg	69908034084
1	4x4" expanding rubber wheel	69908034110

#### MIRROR SET

A comprehensive set that contains a range of abrasives, polishing sleeves, compounds and the perfectly matched tool all in one set. Everything you would need for a shadow-free finish right up to a mirror finish.



## POLISHING ACCESSORIES



### STAINLESS SATIN FINISHING KIT

Perfect surface finishing and blending, satin finishing of stainless steel surfaces.

Size	Order #	Qty.	Contents
4x4"	63721050020	1	4x4" gum wheel, grit 60
		1	4x4" gum wheel, grit 180
		1	4" sinus wheel, grit 180



### POLISHING ACCESSORIES

Description	Order #	Size	Type	Grit	Pack
Polishing gum wheels	63721006012	4x4"	Green	60	1
	63721007016	4x4"	Blue	180	1
	63721054010	4x2"	Green	60	1
	63721055010	4x2"	Blue	180	1
Sinus fleece wheels	63721051010	4x4"		180	1
	63721056010	4x2"		180	1
Cool backing pad 5/8-11"	63806197010	3"			1
	63806194010	4½"			1
Sanding discs	63728096019	4½"	A10	80	50
Pyramix sanding discs	63717239010	4½"	A65	280	5
	63717240010	4½"	A45	400	5
	63717241010	4½"	A30	800	5
	63717242010	4½"	A16	1,400	5
Super polishing disc	69908034190	6"	Ref.E80750N		1
Rhombus polishing block	63719007010	For hand polishing			
Carrying case	33901122010	Large			



### BLUE SURFPREP DISCS: Non-woven

Description	Order #	Dia.	Max. RPM	Opt. RPM
6x5/8 inch Blue SurfPrep	69908034042	6"	3,600	2,600
8x5/8 inch Blue SurfPrep	69908034047	8"	2,700	1,950
5/8-11 arbor with flanges	69908030130			

### Blue SurfPrep Discs

- Remove blueing and oxidization
- Decorative finishes on hardware and jewelry
- Final finish on stainless, non-ferrous, die cast materials like pewter and bronze



## POLISHING ACCESSORIES

Description	Order #	Ref. #	Size mm	Grit	
<b>BELT ROLLER</b> For grinding, fleece and felt belts.	69908034077	E40006VA	85x70		
<b>POLI-GRINDING BELTS</b> Aluminium oxide	69908034178	E49040	30x600	40	
	69908034179	E49060	30x600	60	
	69908034180	E49080	30x600	80	
	69908034181	E49120	30x600	120	
	69908034118	E49150	30x600	150	
	69908034183	E49180	30x600	180	
69908034119	E49240	30x600	240		
<b>POLI-FELT POLISHING BELT</b> Interlocking	69908034177	E49004	30x600		
<b>POLI-FLEECE BELTS</b> Interlocking, for finishing and polishing of tubes.	69908034174	E49001	30x660	Coarse	
	69908034175	E49002	30x660	Medium	
	69908034176	E49003	30x660	Fine	
<b>EXPANDING RUBBER WHEELS</b> For abrasive, fleece and felt sleeves.	69908034109	E42001	90x50		
	69908034110	E42002	90x100		
<b>POLI-FELT POLISHING SLEEVE</b>	69908034116	E42013	90x100		
<b>POLI-FLEECE SLEEVES</b>	<b>Brown</b>	69908034113	E42010	90x100	Coarse
	<b>Maroon</b>	69908034114	E42011	90x100	Medium
	<b>Blue</b>	69908034115	E42012	90x100	Fine
	<b>Grey</b>	69908034112	E42009	90x100	X-Fine



POLISHING SLEEVES				
Description	Size in (mm)	Order #	Ref. #	Grit
Pyramix TZ Sleeves	4 x 4" (90x100)	69908034125	E42206	A06 - GR 2000
		69908034126	E42216	A16 - GR 1200
		69908034127	E42230	A30 - GR 600
		69908034128	E42245	A45 - GR 400
		69908034129	E42265	A65 - GR 280
		69908034130	E42270	A100 - GR 220
		69908034131	E42280	A160 - GR 120
Super Polishing Sleeve	4 x 4" (90x100)	69908034117	E42013-N	For mirror finish
Pyramix TZ Sleeves	4 x 2" (90x50)	69908034137	E42321	A06 - GR 2000
		69908034138	E42322	A16 - GR 1200
		69908034139	E42323	A30 - GR 600
		69908034140	E42324	A45 - GR 400
		69908034141	E42325	A65 - GR 280
		69908034142	E42326	A100 - GR 220
Super Polishing Sleeve	4 x 2" (90x50)	69908034143	E42331	For mirror finish

### Pyramix TZ Sleeves

Pyramid-shaped with a special grain for both a high material removal and a fine surface pattern at the same time. Use with Rubber Expansion Wheel to grind out scratches and weld seams or to pre-polish for a mirror finish.

### Super Polishing Sleeves

with pastes and polishing cream for a brilliant mirror finish.



## POLISHING ACCESSORIES



Description	Order #	Ref. #	Size mm	Grit
<b>MOUNTED WHEEL HOLDER</b> For accessories 50mm wide	69908030259	E65007	5/16" (8mm) shank	
<b>SPACER RING SET</b> Hard plastic	69908034078	E40007	2 x 20mm, 1 x 10mm, 1 x 50mm	
<b>POLI-GRINDING BELT SLEEVES</b>	69908034132	E42301	90x50	40
<b>Zirconia Sleeves</b>	69908034186	E53050	90x50	50
	69908034133	E42302	90x50	60
	69908034134	E42303	90x50	80
	69908034135	E42304	90x50	120
	69908034136	E42305	90x50	150
<b>Zirconia Forte Sleeves</b> <b>Ultimate performance and life</b>	69908034120	E42040	90x100	40
	69908034121	E42060	90x100	60
	69908034122	E42080	90x100	80
	69908034123	E42120	90x100	120
	69908034124	E42150	90x100	150
<b>POLI-CERAMIC BELT SLEEVES</b> Very aggressive for mill scale removal	69908034144	E42540	90x100	40
	69908034145	E42560	90x100	60
<b>POLI-GUM WHEELS</b> Soft, synthetic surface conditioning wheel for graining applications.	69908034170	E45060	105x50	60
	69908034172	E45180	105x50	180
	69908034171	E45061	105x100	60
	69908034173	E45181	105x100	180
<b>POLI-GUM WHEELS</b> Green	63721006012	-	100x100	60
FEIN soft bond      Blue	63721007016	-	100x100	180



Description	Order #	Ref. #	Size mm	Grit
<b>POLI-FLEECE WHEELS</b> Pliable synthetic surface conditioning wheel for final finish, satin and shadowless matt finishing, and polishing.	69908034146	E43060-A	105x50	60
	69908034148	E43100	115x50	80
	69908034152	E43180	115x50	180
	69908034154	E43280	115x50	280
	69908034156	E43400	115x50	400
	69908034158	E43600	115x50	600
	69908034147	E43061-A	105x100	60
	69908034149	E43101	115x100	80
	69908034153	E43181	115x100	180
	69908034155	E43281	115x100	280
	69908034157	E43401	115x100	400
	69908034159	E43601	115x100	600
<b>POLI-FLEECE TOP WHEELS</b> For fine deburring, decorative bright linear textures.	69908034150	E43102	112x100	80
	69908034151	E43103	112x100	180



## POLISHING ACCESSORIES

### NON-WOVEN SINUS "WAVY" WHEELS

Perfect for blending, produces no transition lines.

Order #	Color	Grit	Size	Max. RPM	Opt. RPM
69908034008	Orange	Coarse(80)	4 x 4" (100x100 mm)	4,700	2,500
69908034009	Red	Medium(120)			
69908034005	Yellow	Fine(180-240)			
69908034006	Green	Very-Fine(280-320)			
69908034007	Purple	Ultra-Fine(400-600)			



### SINUS FLEECE WHEELS

Surface finishing and blending of stainless surfaces.

Order #	Size in	Size mm	Grit
63721051010	4 x 4"	100x100	180
63721056010	4 x 2"	100x50	180



### CLEANING WHEELS

Ideal for rust, scale, paint removal, cleaning surfaces and deburring.

Description	Order #	Ref. #	Size mm	Grit
Fibrous clean and strip wheel	69908034087	E40018-A	115x50	Hard
	69908034086	E40018	115x100	Hard
	69908034088	E40018-W	115x100	Soft



Description	Order #	Ref. #	Size
<b>INOX SELF-ADHESIVE ROLL</b> Protective finishing tape	69908034095	E40070	6" x 98.5" (150mm x 2.5m)
<b>COVER STRIP STAINLESS STEEL</b> For mitre finishing	63733010010	-	1 9/16" x 197" (40mm x 5m)



### FELT POLISHING FLAP DISCS with fibreglass backing

Made of 70% wool felt, affixed to a fibreglass backing plate to create a thick polishing pad. Individual flaps are flexible allowing a cool air flow. Use with polishing compounds or pastes to provide up to a mirror finish. Ideal for work on irregular or contoured surfaces.



Order #	Ref. #	Grit	Box	Dia. x arbor	Optimum RPM	Maximum RPM
69908031634	WF245641	Soft	5	5" x 5/8-11	1,520	8,500
69908034249	WF245642	Medium	5	5" x 5/8-11	1,520	8,500
69908031635	WF245671	Soft	5	7" x 5/8-11	1,100	5,500



## POLISHING ACCESSORIES



Description	Order #	Ref. #	Size mm	Grit
<b>POLI-MIX WHEELS</b> Pliable synthetic wheel, combination of fleece and flap	69908034161	E44060	115x50	60
	69908034164	E44100	115x50	80
	69908034166	E44120	115x50	120
	69908034168	E44180	115x50	180
	69908034163	E44061	115x100	60
	69908034165	E44101	115x100	80
	69908034167	E44121	115x100	120
	69908034169	E44181	115x100	180
<b>POLI-FLAP WHEELS</b> Pliable flap wheel for effective texturing and satin finishing	69908034096	E41024	105x50	24
	69908034097	E41040	105x50	40
	69908034098	E41050	105x50	50
	69908034099	E41060	105x50	60
	69908034100	E41080	105x50	80
	69908034101	E41120	105x50	120
	69908034102	E41180	105x50	180
	69908034103	E41240	105x50	240
	69908034104	E41440	105x100	40
	69908034105	E41460	105x100	60
	69908034106	E41480	105x100	80
	69908034107	E41490	105x100	120
	69908034108	E41491	105x100	180
	<b>POLI-FELT WHEEL</b> Felt wheel for high gloss finishing, use with compounds	69908034085	E40017	100x50
<b>POLI-COTTON Rings: For polishing compounds and creams</b>				
For mirror finish	69908034089	E40019	100x10	-
For high gloss mirror finish	69908034090	E40019-T	100x10	-



<b>BUFFS:</b> Precision-made high quality buffs, 1/2" thick - 5/8" arbor hole			
Order #	Description		Dia.
69908034070	C6x1/2x5/8 90 COTTON	3/8" Circular Sewn Cotton Buff for general purpose use	6"
69908034074	C8x1/2x5/8 90 COTTON		8"
69908034068	C6x1/2x5/8 60 COTTON	Loose Cotton Sewn Buff for general purpose use	6"
69908034069	C6x1/2x5/8 80 COTTON	Loose Cotton Sewn Buff for high lustre applications	6"
69908034073	C8x1/2x5/8 80 COTTON		8"
69908034067	C6x1/2x5/8 15 PLY COTTON	Yellow wavy centerless buff	6"
69908030130	5/8-11 arbor with flanges		



## POLISHING ACCESSORIES



Specially formulated polishing compounds for superior results in specific applications. See page 51 for buffs.



Bar weight is 3 to 4 lbs.

POLISHING COMPOUNDS	
Order #	Description
69908034065	<b>C4W Brown Tripoli Cut &amp; Compound Bar</b> Heavy cut, medium colour, low grease. For non-ferrous metals, brass, aluminium, zinc die cast.
69908034066	<b>C5A Brown Tripoli Cut &amp; Compound Bar</b> Heavy cut, low colour, low grease (same as C4W but more aggressive). For non-ferrous metals, brass, aluminium, zinc die cast.
69908034062	<b>C18 Green Colour Compound Bar</b> High colour, high grease. For use on tableware, decorative hardware, plumbing fixtures, etc.
69908034060	<b>C1 White Colour Compound Bar</b> High colour, low grease. For use on tableware, decorative hardware, plumbing fixtures, etc.
69908034064	<b>C41W Grey Cut Compound Bar</b> Heavy cut, high grease. For use on stainless steel & aluminium.
69908034061	<b>C11V Cut &amp; Colour Compound Bar</b> Medium cut, medium colour, medium grease. For use on cookware, cutlery, automotive lamps, appliances, etc.
69908034076	<b>CKC11 Dry White Colour Compound Bar</b> High color, low cut. For non-ferrous metals.
69908034063	<b>C40 Black Colour Compound Bar</b> Heavy cut, greasy. For use on stainless steel and steel.
69908034075	<b>CG1 Polishing Grease Stick</b> For polish wheels and abrasive belts.

COMPOUNDS & SPRAYS				
Type	Description	Order #	Ref. #	Size
<b>POLI-WHITE</b>	High gloss polishing compound	69908034081	E40013	650 gr.
<b>POLI-BLUE</b>	High gloss finishing compound	69908034082	E40014	650 gr.
<b>POLI-PINK</b>	Final polishing cream, intensifies mirror finish	69908034083 69908034084	E40015 E40015-T	1 kg. 60 ml.
<b>POLI-SEAL</b>	Protect stainless steel - spray	69908034080	E40011	500 ml.
<b>POLI-ALU-FIX</b>	Oil spray for aluminium grinding	69908034079	E40010	500 ml.
<b>POLI-INOX</b>	Protective spray	69908034093	E40040	500 ml.
<b>POLI-BRILLIANCE</b>	Cleaning spray	69908034094	E40050	500 ml.

## FLEX-SHAFT

**Turn your grinder or polisher into a flexible shaft machine with the Flex-Shaft.**

Your polisher or grinder can become a flexible shaft machine by simply connecting the Flex-Shaft attachment. The industrial quality Flex-Shaft can be used on variable or single speed tools. Perfect for use with surface conditioning abrasives for all light grinding, deburring, and polishing applications. Ideal for small tight areas such as finishing inside pipes. **Tool and polishing accessories sold separately.**

FLEX-SHAFT ATTACHMENT		
Order #	Ref.	Description
<b>69908030208</b>	E10015b	Flexible shaft, 5/8-11 mount, comes with 1/4" collet, 56 1/2" long, maximum RPM 15,000
69908030206	E10011b	1/4" collet
69908030207	E10011a	1/8" collet



## BALANCERS

**Increase ease of use and operating safety.**

FEIN Balancers increase operating convenience and safety when working with power tools and heavy power driven equipment. To help plan and improve the work space, tools are suspended making them "weightless" and free to move. Tools are readily at hand and the work area is tidy, safe and efficient.



- Small size
- Constant force
- Easy adjustment
- Tools become "weightless"
- Equipment and tools are always ready at hand, for a tidy work area
- Suspending tools and cables increases work area safety
- Equipment is in sight and reach of the operator
- Weight compensation can be adjusted for optimum balance over the entire length of the cable extension

BALANCERS		
Order #	Kgs.	Lbs.
90801023001	1.5 - 2.5	3.3 - 5.5
90801024009	1 - 3	2.2 - 6.6
90801025003	2.5 - 5	5.5 - 11
90801035002	3 - 6	6.5 - 13
90801026006	3.5 - 6.5	7.7 - 14.3
90801027000	4.5 - 9	10 - 20
90801028008	7.5 - 11.5	16.5 - 25.4
90801029002	10 - 14	22 - 31
90801030004	13.5 - 17	29.7 - 37.4
90801048006	13 - 25	28.5 - 55
90801049000	22 - 32	48.5 - 70.5
90801050002	30 - 45	66 - 99
90801051001	45 - 60	99 - 132.30



## ANGLE GRINDERS - RAT-TAIL

**FEIN corded rat-tail: made in Germany, built for Canada!**

Rat-tail design developed for the Canadian market with user-oriented features for comfort, ease-of-use and low fatigue.

High power durable and technically advanced motors in two power classes, 1,100 and 1,500 Watts. The 1,500 Watt models feature POWERtronic for constant speed and torque, and the variable speed INOX model is ideal for stainless work.

- Industrial quality “Made in Germany”
- Low vibration rating
- Safe, secure hold and control
- Durable and robust
- Great weight distribution
- Fast cutting speed, high material removal



**ERGOGRIP RAT-TAIL GRINDERS:** comes with guard, pair of flanges, anti-vibration handle, wrench

R - Rat-tail design      P - POWERtronics      T - Deadman switch      INOX - Variable speed

Order #	Model	Size	Switch	Watts	RPM
7221866090	WSG 11-125 R	5"	Lockable	1,100	11,000
7221876090	WSG 11-125 RT	5"	Deadman	1,100	11,000
7221886090	WSG 11-150 R	6"	Lockable	1,100	8,500
7221896090	WSG 11-150 RT	6"	Deadman	1,100	8,500
7222186090	WSG 17-125 PR	5"	Lockable	1,500	11,000
7222196090	WSG 17-125 PRT	5"	Deadman	1,500	11,000
7222206090	WSG 17-150 PR	6"	Lockable	1,500	8,500
7222216090	WSG 17-150 PRT	6"	Deadman	1,500	8,500
7222226090	WSG 17-70 INOX R	5"	Lockable	1,500	2,500 to 8,500
7222236090	WSG 17-70 INOX RT	5"	Deadman	1,500	2,500 to 8,500

**LARGE RAT-TAIL ANGLE GRINDERS: Trigger-Style**

Order #	Model	Size	Power (W)	RPM
72210709637	WSG 20-180	7"	2,000	8,500
72210809633	WSG 20-230	9"	2,000	6,600

Comes with: guard, handle, pair of flanges, wrench set



★ For FEIN high performance grinding wheels, cut-off wheels, and other abrasives; see the FEIN Abrasives section of this price list.

**For the new FEIN Canada Enhanced Grinder Warranty, see page 4.**

## ANGLE GRINDERS - CORDLESS

**FEIN cordless - powerful, durable, and now ... mobile!**



New line of cordless angle grinders now available - See page 83 in the cordless section for full details.

Powerful and compact with dust resistant fully-encapsulated motors, new FEIN cordless angle grinders are effective in all sorts of cutting, grinding and deburring work.

- 4½” and 5” models
- Available with deadman paddle-switch or sliding lock-on switch
- Fully enclosed dust-protected motors
- FEIN HighPower Li-ion batteries



**Deadman paddle-switch**



**In stock now!**

**Sliding lock-on**

## ANGLE GRINDERS - BARREL BODY

**FEIN corded - made in Germany industrial quality.**

FEIN barrel-body angle grinders with 5/8-11 spindle feature high performance long-life motors designed for constant speed under load, removing up to 30% more material and saving time and money. The longest carbon brush service life on the market due to innovative design and optimum ventilation. Extremely robust and durable yet lightweight and ergonomic.



- Spindle lock
- Reduced vibration
- Very low weight
- Removable safety guard
- Aluminium bearing plate

ANGLE GRINDERS				
Order #	Model	Size	Power (W)	RPM
72217360090	WSG 8-115	4½”	800	11,000
72217760090	WSG 11-125	5”	1,100	11,000
72218560090	WSG 11-150	6”	1,100	8,500

Comes with: handle, pair of flanges, wheel guard, wrench

POWER ANGLE GRINDERS: POWERtronic				
Order #	Model	Size	Power (W)	RPM
72220760090	WSG 17-125 P	5”	1,500	11,000
72221160090	WSG 17-150 P	6”	1,500	8,500

POWER GRINDER / POLISHER: Variable speed				
Order #	Model	Size	Power (W)	RPM
72221360090	WSG 17-70 INOX	5”	1,500	2,500-7,900

Comes with: handle, pair of flanges, wheel guard, wrench



**For the new FEIN Canada Enhanced Grinder Warranty, see page 4.**

★ For FEIN high performance abrasives, see the FEIN Abrasives section.



## 4 1/2" ANGLE GRINDERS - BARREL BODY



Compact yet powerful.

4 1/2" COMPACT ANGLE GRINDER - 3.7 lbs				
Order #	Model	Size	Power (W)	RPM
72219760390	WSG 7-115	4 1/2"	760	12,000
Comes with: handle, pair of flanges, wheel guard, wrench				

- Competitive price
- Dust protection on all electronic components
- Spindle lock



4 1/2" PADDLE SWITCH ANGLE GRINDER - 4 lbs				
Order #	Model	Size	Power (W)	RPM
72223160120	WSG 7-115 PT	4 1/2"	820	12,500
Comes with: handle, pair of flanges, wheel guard, wrench				

- Dead-man paddle switch
- Mount handle on either side
- Metal gear head and gears
- Small and compact

## ANGLE GRINDER ACCESSORIES

GENERAL ACCESSORIES	
Order #	Description
<b>FOR ALL GRINDERS</b>	
63802192010	5/8-11 tool-free clamping nut
63802098007	Threaded flange outer 5/8-11
63801183010	Inner flange bottom
<b>FOR 7" &amp; 9" GRINDERS</b>	
32119117015	M14 anti-vibration handle
62903011005	17mm long open wrench
62910022002	Pin spanner for 5/8-11
33901022014	Carrying case

GUARDS	
Order #	Fits models
31810300000	5": WSG11-125(a), WSG11-125R(a), WSG11-125RT(a), WSG17-125P, WSG17-125R, WSG125RT, WSG17-70 INOX
31812088010	5": WSG11-125, WSG11-125R, WSG125RT, WSG15-125P, WSG15-125PR, WSG15-125PRT, WSG15-70 INOX, WSG15-125PS
31810289010	6": WSG11-150, WSG11-150R, WSG11-125RT, WSG15-150P, WSG15-150PR, WSG15-150PRT
31810301000	6": WSG11-150(a), WSG11-150R(a), WSG11-150RT(a), WSG17-150P, WSG17-150PR, WSG17-150PRT
31348073010	4 1/2": WSG7-115 (PT)
31810287010	4 1/2": WSG8-115
31810299000	4 1/2": WSG8-115(a)
31810245020	7": WSG20-180
31810246020	9": WSG20-230

GENERAL ACCESSORIES	
Order #	Description
<b>FOR 4 1/2", 5", 6" GRINDERS</b>	
32119124010	Anti-vibration handle
33901118010	Carrying case
69908032284	4 1/2" spiral air-cooled backing pad
69908032285	5" spiral air-cooled backing pad
69908032286	7" spiral air-cooled backing pad
69908032287	5/8-11 nut for backing pads

## DIE GRINDERS

**Nothing is out of reach with FEIN die grinders.**

FEIN high performance die grinders are suitable for all significant applications in the steel and stainless steel field. Thanks to their optimal shape and outstanding reach, grinding and polishing work can easily be carried out, even on difficult-to-reach spots. They feature impressive product benefits such as powerful motors, extra long necks for tight areas, and innovative collets to protect from work piece damage.



New FEIN **Cordless AGSZ die grinders** for effective cutting, grinding and deburring work. **See page 83** in the cordless section of this catalog for full details.



- Industrial quality - Made in Germany
- Largest product line
- Neck sizing great for hard to reach places
- Choice of barrel body or rat-tail design
- High material removal for every job
- Constant and variable speed settings
- Low vibration rating
- Metal dust guard on armature and field coil

- Unique FEIN ErgoGrip for minimal fatigue
- Great weight distribution and balance
- Safe, powerful and durable

- P - POWERtronic**
- E - Electronic variable speed control**
- R - Rat-Tail design**
- L - Long neck**



### GSZ DIE GRINDERS

Order #	Model	Watts	RPM
72232460090	GSZ 4-280 EL	350	13,000 - 28,000
72232560090	GSZ 4-90 EL	350	3,500 - 8,500
72231660090	GSZ 8-280 P	750	28,000
72231760090	GSZ 8-280 PE	750	8,500 - 28,000
72231960090	GSZ 8-280 PEL	750	8,500 - 28,000
72232060090	GSZ 8-90 PEL	710	2,500 - 9,000
72232260090	GSZ 11-320 PERL	1,010	9,500 - 32,500
72232360090	GSZ 11-90 PERL	1,010	2,900 - 9,900

### 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.

Collets	
Dia.	Order #
1/8"	6 32 07 130 00 0
1/4"	6 32 07 131 00 0



Collets Inox (SS)	
Dia.	Order #
1/8"	6 32 07 132 00 0
1/4"	6 32 07 135 00 0





# DUST EXTRACTION

## DUST-FREE SANDING

**Protect yourself, protect the environment, keep the workplace clean.**

Dust-free sanding is faster and creates a better finish because the sandpaper rides directly on the work instead of on a bed of dust. Enjoy quicker job preparation and eliminate 90% of clean up, saving time and money. Dust-free sanding systems help protect from airborne dust particles, and make EPA compliance automatic.

FEIN Sanders feature direct dust extraction through the pad and channels around the pad, providing excellent performance and results and extending the life of the sandpaper. FEIN dust extractors are the ideal companion to FEIN sanders or other sanders with dust extraction capabilities. The auto-on/off feature allows connected power tool to be automatically switched on or off; with the dust extractor remaining on for a few more seconds to clear any leftover dust from the hose.



## RANDOM ORBIT SANDER



Powerful, multi-purpose FEIN Random Orbit Sander is ideal for coarse to very fine sanding. Dust is extracted directly through the perforated sandpaper and through channels around the edge of the pad resulting in a clean efficient work area and a healthy work environment.



### RANDOM ORBIT SANDER

Order #	Description
<b>72207813110</b>	<b>6" Random Orbit Sander MSF 636-1</b> with side handle, medium backing pad, wrench, suction hood for dust extraction
31426030005	Spare velcro disc
33901122010	Carrying case

### Specifications

<b>Model:</b>	<b>MSF 636-1</b>
Speed RPM:	8,800
Watts:	380
Stroke:	5/16"
Weight:	3.70 lbs.
Hose connection:	1 1/4"

### SANDPAPER: Aluminium oxide

Order #	Grit
69908036125	40
69908036112	60
69908036143	80
69908036126	120
69908036146	150
69908036127	180
69908036128	220
69908036129	400

### SANDPAPER: Silicon carbide

Order #	Grit
63717390080	80
<b>BACK UP PADS</b>	
Order #	Type
69908195049	Medium
63806101020	Hard
63806114024	Soft







# DUST EXTRACTION

## PREMIUM DUST EXTRACTORS

Enjoy uninterrupted work with the new 92030 X AC AutoClean.

Thanks to its fully automatic filter cleaning (AC) and the longer service life of the flat pleated filter. New Premium class vacuums feature large containers and extra long cords. Available in basic, AutoClean, and AutoClean HEPA versions.

**FULLY  
AUTOMATIC  
92030  
TURBO X AC**



- Large working area radius due to its 25 ft (7.5 m) power cord and 13 ft (4 m) suction hose.
- Convenient mounting of tool cases from various systems onto vacuum lid.
- Easy to move around with push handle, plus case and accessory fastening.
- Approved for dust class L.
- Outstanding wet vacuum performance ensured by PES flat pleated filter and electronic shutdown.



FEIN PREMIUM TURBO DUST EXTRACTORS	
Order #	Description
92030060090	<b>92030 TURBO X AC with AutoClean SET</b> Includes: push handle, flat pleated filter PES, suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, step adaptor, disposal bag, Accessory Kit #31345071020
92030060990	<b>92030 TURBO X AC with AutoClean HEPA SET</b> Includes: push handle, flat pleated filter HEPA, non-woven filter bag, suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, step adaptor, Accessory Kit #31345071020
92029060090	<b>92029 TURBO X SET</b> Includes: push handle, flat pleated filter PES, non-woven filter bag suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, step adaptor, Accessory Kit #31345071020



Technical Specifications		92027 TURBO I	92028 TURBO II	92029 TURBO X	92030 TURBO X AC
AutoClean		-	-	-	YES
AutoStart		YES	YES	YES	YES
Suction control		Yes *	Yes *	YES	YES
Voltage	V	120	120	120	120
Watts	W	1,100	1,100	1,100	1,100
Air volume (at blower)	cfm (l/s)	151 (71)	151 (71)	153 (72)	153 (72)
Sound pressure level	dB(A)	66	66	69	69
Weight	lbs (kg)	17.9 (8.1)	20 (9.1)	29.7 (13.5)	31.1 (14)
Static water lift	in (mbar)	98.4 (245)	98.4 (245)	98.8 (254)	98.8 (254)
Hose length	ft (m)	13 (4)	13 (4)	13 (4)	13 (4)
Hose diameter	in (mm)	1 3/8 (35)	1 3/8 (35)	1 3/8 (35)	1 3/8 (35)
Container volume	gal (L)	5.8 (23)	8.4 (32)	9.3 (35)	9.3 (35)
Cable	ft (m)	19.7 (6)	19.7 (6)	25 (7.6)	25 (7.6)

\* with tool coupling



# DUST EXTRACTION

## COMPACT DUST EXTRACTORS

### FEIN Turbo Vacuums - durable and quiet.

With effective dust extraction from power tools for clean workplaces in the shop and onsite. Sophisticated professional FEIN vacuums are versatile and robust, yet incredibly powerful setting standards in the compact class.

- Autostart outlet with power-on delay to prevent current spikes.
- High performance turbine.
- Tool coupling with suction control for easy control of suction power.
- 13 ft. (4 m) suction hose for large operating radius.
- Easily-cleaned flat pleated filter with protective filter cartridge.
- Large wheels rotate 360° for optimal maneuverability even in tight conditions
- Accessory holder, cord and hose hooks.
- Complete range of optional accessories and filtering options.
- Ideal companions to FEIN dust-free sanders and most tools with dust extraction capabilities.



**92027  
TURBO I**  
Practical storage  
area with rim



**92028  
TURBO II**

**Accessory Kit  
For wet/dry pick up  
Order #: 31345071020**

**Contents:** 2 metal extension tubes, crevice nozzle, dusting brush, elbow, combination nozzle with inserts



### FEIN TURBO DUST EXTRACTORS

Order #	Description
<b>92027236090</b>	<b>92027 TURBO I</b> <b>Includes:</b> suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, cellulose filter, non-woven filter bag
<b>92027060090</b>	<b>92027 TURBO I SET</b> Turbo I contents above plus Accessory Kit # 31345071020
<b>92028236090</b>	<b>92028 TURBO II</b> <b>Includes:</b> suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, cellulose filter, non-woven filter bag
<b>92028060090</b>	<b>92028 TURBO II SET</b> Turbo II contents above plus Accessory Kit # 31345071020
<b>92028236990</b>	<b>92028 TURBO II HEPA</b> <b>Includes:</b> suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, HEPA filter, non-woven filter bag
<b>92028060990</b>	<b>92028 TURBO II HEPA SET</b> Turbo II HEPA contents above plus Accessory Kit # 31345071020

### APPLICATIONS

SERIES	COMPACT CLASS			PREMIUM CLASS			
	TURBO I	TURBO II	TURBO II HEPA	TURBO II X	TURBO II X HEPA	TURBO II X AC	TURBO II X AC HEPA
Liquids	▲	▲	▲	▲	▲	▲	▲
Coarse debris	▲	▲	▲	▲	▲	▲	▲
Fine dust	▲	▲	▲	▲	▲	▲	▲
Hazardous dust	-	-	▲	-	▲	-	▲



# DUST EXTRACTION

## DUST EXTRACTOR ACCESSORIES

<b>ACCESSORIES for models 92027, 92028, 92030</b>		
<b>Order #</b>	<b>Description</b>	<b>Pack</b>
31345071020	Accessory Kit for wet/dry pick up	1
31345012010	Cellulose flat pleated filter	1
31345059010	Flat pleated wet/dry filter (PES)	1
31345060010	Flat pleated HEPA filter	1
31345061010	Non-woven filter bags 25L for 92027 Turbo I	5
31345062010	Non-woven filter bags 35L for 92028 / 92030 Turbo II	5
31345251010	Premium reinforced fleece filter bags Turbo II	5
31345130010	Hepa filter bags for 92028 / 92030 Turbo II	3
31345064010	Permanent filter (replaces fleece filter bags)	1
31345063010	Disposal bag for AC models	5
31345065010	Suction hose - Dia. 1 <sup>1</sup> / <sub>16</sub> " x 13 ft. long (27mm x 4m)	1
31345066010	Suction hose - Dia. 1 <sup>3</sup> / <sub>8</sub> " x 13 ft. long (35mm x 4m)	1
31345121010	Anti-static hose - Dia. 1 <sup>1</sup> / <sub>16</sub> " x 13 ft. long (27mm x 4m)	1
31345120010	Anti-static hose - Dia. 1 <sup>3</sup> / <sub>8</sub> " x 13 ft. long (35mm x 4m)	1
31345067010	Extension hose - Dia. 1 <sup>1</sup> / <sub>16</sub> " x 8 ft. long (27mm x 2.5m)	1
31345068010	Extension hose - Dia. 1 <sup>3</sup> / <sub>8</sub> " x 8 ft. long (35mm x 2.5m)	1
31345078010	Tool coupling with suction control (tool end)	1
31345250010	Anti-static tool coupling with suction control (tool end)	1
31345069010	Replacement hose end kit (tool) - Dia. 1 <sup>3</sup> / <sub>8</sub> " (35mm)	1
31345070010	Elbow handle - Fits 1 <sup>3</sup> / <sub>8</sub> & 1 <sup>1</sup> / <sub>16</sub> " (35 & 27mm) hoses	1
31345263010	Elbow handle with air regulator - Fits 1 <sup>3</sup> / <sub>8</sub> & 1 <sup>1</sup> / <sub>16</sub> " hoses	1
31345071010	Metal extension tubes	2
31345072010	Floor nozzle for carpets and bare floors	1
31345073010	Plastic combination wet-dry floor nozzle with inserts 12"	1
31345137010	Aluminium combination wet-dry floor nozzle with inserts 12"	1
31345074010	Crevice nozzle 10"	1
31345075010	Upholstery nozzle 5"	1
31345076010	Dusting brush - with edged bristles 2 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>4</sub> "	1
31345077010	Long bristle brush 4 <sup>3</sup> / <sub>4</sub> x 1 <sup>3</sup> / <sub>4</sub> "	1
31345079010	Step adaptor (4 steps)	1
31345119010	Cable holder - attaches cable to suction hose	5

### Accessory Kit For wet/dry pick up



### Flat filter



### Fleece filter bags



### Extension hose



### Upholstery nozzle



### Dusting brush



### Long brush



### Crevice nozzle





# DUST EXTRACTION / CUTTING

## DUST EXTRACTOR ACCESSORIES

FOR OLD VERSION MODELS	TURBO I 92024, 91155, 91120		TURBO II 92025, 95513		TURBO III & IV 92026, 97725, 98835	
	Order #	Ref. #	Order #	Ref. #	Order #	Ref. #
Paper dust bags - 3 pack	69908195015	913038K01	69908030150	913036K01	69908195016	913048K01
HEPA dust bags - 5 pack	-	-	69908030156	913049P01	-	-
Metal extension tube	69908100106	919036B94	69908100106	919036B94	-	-
Handle	69908030192	921067A13	69908030192	921067A13	69908030196	921085AK13
Crevice nozzle	-	-	-	-	69908030189	921004AK13
Floor brush assembly	-	-	-	-	69908030194	921081CD13
Adaptor 2¼" to 1¼"	-	-	-	-	69908100123	921005AK13

FOR 92024, 91155, 91120, 92025, 95513, 92026	Order #	Ref. #
Suction hose 10 ft. x 2¼ in.	69908030198	921120AG13
3-way connector with cap	69908030197	921086AA13
Hose cradle	69908030102	3916054A089

Cloth boot



FILTERS	For model	Order #	Ref. #
<b>5 Micron Cloth Filter Boots</b>	91155 / 91120	69908030149	913022GA5
	95513 / 97725	69908100097	913064AGA6
<b>Optional Filters</b> * requires mounting screw & flange	1 micron cartridge	69908030283	TII1MCRN *
	Filter mounting screw	69908030284	TII3001
	Filter mounting flange	69908030285	TII3002

1 micron filter



## JIGSAW BLADES

SAW BLADES FOR ASTE 649-1			
Order #	T.P.I.	Length	Pack
63503041011	32	4"	3
63503042014	14	4"	3
63503043018	10	4"	3
63503044016	21	3½"	3
63503046013	8	3 <sup>9</sup> / <sub>16</sub> "	3
63503047017	14	6"	3
63503048015	14	6"	3
63503049019	6	6"	3
63503050011	4	6"	3
63503051010	14	9"	3
63503053017	3	9"	3
63503058014	32	6"	3
63503059018	24	9"	3

SAW BLADES FOR ASTE 638			
Order #	T.P.I.	Length	Pack
63503035011	21	3½"	5
63503036014	12	3½"	5
63503037018	8	3½"	5
63503038016	6	3½"	5
63503039010	6	3½"	5
63503060010	36	3"	5
63503077014	21	4½"	5

Jigsaw blades to match perfectly to the job at hand.



## HACKSAWS

**FEIN Hacksaws: a cut above the others.**

HACKSAWS	
Order #	Description
<b>72342309360</b>	<b>ASTXE 649-1 Electric Variable Speed Hacksaw</b> Includes: 2 saw blades, set of wrenches, handle
<b>75340813000</b>	<b>STS 325 R Pneumatic Hacksaw</b> Includes: 2 saw blades, wrenches, handle, hose coupling

FEIN ultra-powerful hacksaws are designed for cutting pipes and profiles even in high risk conditions.



ACCESSORIES	
Order #	Description
90702001001	Pipe clamp up to 6"
90702004006	Pipe clamp up to 12 <sup>3</sup> / <sub>4</sub> " diameter
30216130004	Pin for extension chain
30231003003	Extension chain up to 17 <sup>5</sup> / <sub>16</sub> " diameter
90702005000	Clamp and feed device
90606002009	Saw blade guide
32132020129	Cutting paste
33901022014	Carrying case



HACKSAW BLADES			
Order #	Teeth Per Inch	Length	Maximum Cut Dia.
63503040003	6	21"	14 <sup>7</sup> / <sub>8</sub> "
63503063007	16	12"	6 <sup>5</sup> / <sub>8</sub> "
63503064005	16	16"	10 <sup>1</sup> / <sub>4</sub> "
63503065009	8	8"	3 <sup>1</sup> / <sub>8</sub> "
63503066002	16	8"	2"
63503067006	21	8"	2"
63503068004	8	15 <sup>3</sup> / <sub>4</sub> "	9 <sup>3</sup> / <sub>4</sub> "
63503069008	12	21"	14 <sup>7</sup> / <sub>8</sub> "
63503070000	12	12"	6"
63503071009	6	12"	6"
63503072002	16	20"	13 <sup>3</sup> / <sub>4</sub> "
63503073006	16	24"	17 <sup>5</sup> / <sub>8</sub> "
69908104011	12	30"	24 <sup>3</sup> / <sub>8</sub> "
TD BLADES			
Order #	Teeth Per Inch	Length	Maximum Cut Dia.
63503096018	10 <sup>1</sup> / <sub>4</sub> "	12 <sup>5</sup> / <sub>8</sub> "	6 <sup>5</sup> / <sub>8</sub> "
63503097012	17"	19 <sup>1</sup> / <sub>4</sub> "	13 <sup>15</sup> / <sub>16</sub> "
63719007010	Rhombus cleaning block		



Hacksaw blades should be about 4 to 6 inches larger than the diameter of the pipe.

- Blades suitable for high alloy materials
- Clamping devices for pipes, profiles and for mitre cuts up to 45 degrees
- Clamp feed device for effortless precision cuts at a constant pressure
- TD Blades - Borzon-coated, primarily for use on ductile cast-iron pipes with the clamp feed device



## METAL CUTTING SAW BLADES

**Engineered for precise, accurate cuts with minimal dust.**

### Slugger 7", 7¼", 8", 9" and 14" Metal Saw Blades

are designed for fast and accurate cuts in mild & thin metal, aluminium 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. All Slugger saw blades are made with longevity and durability in mind. Get more cuts with Slugger blades than with a fibre disc.



METAL CUTTING SAW BLADES				
Order #	For	Capacity	Total # of teeth	Arbor hole
<b>7" (180mm) SAW BLADES</b>				
63502007500	Mild steel	5/16" (8mm)	36	3/4"
63502007510	Aluminium	3/8" (9.5mm)	54	
63502007520	Stainless steel	1/4" (6mm)	48	
63502007530	Thin steel	1/4" (6mm)	48	
<b>7¼" (185mm) SAW BLADES</b>				
63502007200	Mild steel	5/16" (8mm)	36	3/4"
63502007210	Aluminium	3/8" (9.5mm)	54	
63502007220	Stainless steel	1/4" (6mm)	48	
69908120450	Thin steel	1/4" (6mm)	48	
<b>8" (203mm) SAW BLADES</b>				
69908120441	Mild steel	1/2" (12.7mm)	42	5/8"
69908120442	Thin steel	1/4" (6mm)	68	
<b>9" (230mm) SAW BLADES</b>				
63502009540	Mild steel	1/2" (12.7mm)	48	1"
63502009550	Aluminium	5/8" (15.9mm)	80	
63502009560	Stainless steel	5/16" (8mm)	48	
69908120448	Thin steel	1/4" (6mm)	60	
<b>14" (355mm) SAW BLADES</b>				
63502014600	Mild steel	1/2" (12.7mm)	66	1"
63502014610	Aluminium	5/8" (15.9mm)	80	
63502014620	Stainless steel	5/16" (8mm)	90	
63502014630	Thin steel	1/4" (6mm)	90	



**Capacity:**  
up to stated size in  
solid material



# CUTTING

## METAL CUTTING SAWS

**Faster, cleaner and safer than other metal cutting equipment.**

Innovative Slugger Metal Saws cut steel as easily as plywood. Their specially designed covers collect virtually all chips and sparks, and the ability to bevel up to 45 degrees increases capability in a way no other metal cutters can match. Heavy duty construction, heat-free cutting, and features that promote productivity and safety.



### 7 1/4" METAL CUTTING SAW

**Order #: 69908120000**

**Includes:** case, wrench, 7 1/4" mild steel blade, guide plate, safety eyewear, ear protection



The Slugger 7 1/4" metal cutting saw cuts through almost any type of steel effortlessly. User-friendly features combined with a powerful motor make it an invaluable portable steel cutting tool. Low vibration and an internally powered laser guide help achieve straight, accurate cuts.

### 9" METAL CUTTING SAW

**Order #: 69908120001**

**Includes:** case, wrench, 9" mild steel blade, guide plate, safety eyewear, ear protection



The Slugger 9" metal cutting saw is a high performance metal cutting saw. Its durability, power and cutting performance are unsurpassed. Cuts quickly and cleanly and features an integrated laser guide for straight accurate cuts.

### 14" METAL CUTTING SAW

**Order #: 72905361120**

**Includes:** wrench, table vise, 14" mild steel blade, safety eyewear, ear protection



Unique auto-retracting blade guard for improved clearance

The 14" Slugger saw is a bench design, offering safety and convenience with ergonomic features. The shovel grip design of the feed handle and the quick release vise, make this machine easy to operate. It can be used on plate stock, rounds, and structural.

- Bevels up to 45 degrees
- Quick release vise
- D-Handle with safety switch
- High torque 3HP motor

Order #	69908120000	69908120001	72905361120
Motor HP	1.9	2.4	3.0
Input power	12A (1,400 W)	15A (1,800 W)	15A (1,800 W)
No load RPM	3,800	2,300	1,300
Arbor	3/4" (20mm)	1" (25.4mm)	1" (25.4mm)
Saw blade diameter	7 1/4" (185mm)	9" (230mm)	14" (355mm)
Max. depth of cut	2 3/8" (60mm)	3 1/8" (80mm)	-
- round	-	-	5 1/8" (130mm)
- square	-	-	4 3/4" (120mm)
Vibration	7.20 m/s <sup>2</sup>	6.75 m/s <sup>2</sup>	
Noise level			98 dB(A)
Weight	15 lbs (6.8 kg)	21 lbs (9.5 kg)	54 lbs (24.4 kg)





## BEVELLERS



**Bevel and debur parts, internal and external radii and holes - without compromise.**

Durable and powerful machines specially designed for producing visual bevel and welding preparation. For bevelling and deburring steel, aluminium and other materials. They offer:

- Powerful drive for extreme loads
- Edge rounding function - preparation before surface treatment
- Scale for accurate bevel size adjustment
- Machine depth adjustment
- Position side handle on right or left

### BEVELLERS

★ **Important: Machines do not include milling head, it must be selected and purchased separately.**

Order #	Model	Power (W)	RPM	Maximum bevel width
69908030014	B10 Electra Bevelling System	1,700	2,700 - 8,500	3/8" (10 mm)
69908030015	B15 Electra Bevelling System	2,000	6,600	9/16" (15 mm)

#### B10 Electra Bevelling System with electronic speed control, thermal overload protection and manual feed.

- Replaceable head for changing bevel angle
- Weight 13.2 lbs (6 kg)
- 6 cutting tips (up to bevel width 8 mm, only 3 pieces in the angle)



#### B15 Electra Bevelling System

- Rotating ergonomic handle
- Weight 20.9 lbs (9.5 kg)
- 6 cutting tips



B10 Electra & B15 Electra	Bevel angle	Replaceable head 30°, 37.5°, 45°, 50°, 60° - other angles on demand
	Bevel width	0 to 0.06 in (0 to 15 mm) <400 MPa / 58 015 PSI 0 to 0.31 in (0 to 8 mm) <400 MPa / 58 015 PSI

### ACCESSORIES FOR B10 & B15 ELECTRA

Order #	Description	Order #	Description
69908030303	45° milling head with 6 inserts	69908030308	R3.5 mm radius milling head
69908030304	30° milling head with 6 inserts"	69908030309	R2.5 mm radius milling head
69908030305	37.5° milling head with 6 inserts	69908030311	Set R2.5 mm radius inserts
69908030306	50° milling head with 6 inserts	69908030312	Set R35 mm radius inserts
69908030307	60° milling head with 6 inserts	69908030313	Set R4.0 mm radius inserts
69908030310	Insert set for milling heads (10 pieces)		



## NIBBLERS & SHEARS - CAPACITIES

NIBBLERS	STEEL	STAINLESS	ALUMINIUM
ABLK18 1.3 E ABLK18 1.3 CSE / TE BLK 1.3 CSE / TE	1.3 mm	0.8 mm	2.0 mm
	.052 / 18 ga.	.03125 / 21 ga.	.0787 / 14 ga.
	3/64"	1/32"	5/64"
ABLK 1.6 E BLK 1.6 E, BLK 1.6 LE	1.6 mm	1.0 mm	2.5 mm
	.062 / 16 ga.	.0394 / 20 ga.	.0984 / 13 ga.
	1/16"	.0394 / 20 ga.	3/32"
BLK 2.0 E	2.0 mm	1.5 mm	2.5 mm
	.0787 / 14 ga.	.0591 / 17 ga.	.0984 / 13 ga.
	5/64"	3/64"	3/32"
BLK 3.5	3.5 mm	2.3 mm	3.5 mm
	.1378 / 10 ga.	.0906 / 13 ga.	.1378 / 10 ga.
	1/8"	3/32"	1/8"
BLK 5.0	5.0 mm	3.3 mm	7.0 mm
	.1968 / 6 ga.	.1299 / 11 ga.	.2756 / 7 ga.
	3/16"	1/8"	17/64 .2756 / 7 ga.
SHEARS	STEEL	STAINLESS *	ALUMINIUM
ABSS18 1.6 E BSS 1.6 E / CE ABLS18 1.6 E, BLS 1.6 E	1.6 mm	1.2 mm	2.0 mm
	.062 / 16 ga.	.047 / 19 ga.	.0787 / 14 ga.
	1/16"	3/64"	5/64"
BSS 2.0 E	2.0 mm	1.5 mm	3.0 mm
	.0787 / 14 ga.	.0591 / 17 ga.	.1181 / 12 ga.
	5/64"	3/64"	7/64"
BLS 2.5 E	2.5 mm	2.0 mm	3.0 mm
	.0984 / 13 ga.	.0787 / 14 ga.	.1181 / 12 ga.
	3/32"	5/64"	7/64"
BLS 3.5	3.5 mm	3.0 mm	4.0 mm
	.1378 / 10 ga.	.1181 / 12 ga.	.1575 / 9 ga.
	1/8"	7/64"	5/32"
BLS 4.2	4.2 mm	3.0 mm	5.0 mm
	.1654 / 8 ga.	.1181 / 12 ga.	.1968 / 6 ga.
	5/32"	7/64"	3/16"

\* All capacities are for stainless 304



### GENERAL ACCESSORIES

Order #	Description
33901118010	Carrying case
32132020129	Cutting paste



## NIBBLERS - ELECTRIC

**FEIN Nibblers - compact, maneuverable and curve-compatible.**

Thanks to their compact size, FEIN nibblers are among the most versatile cutting tools available for fast and high performance results in trapezoid or corrugated sheet metal and profiles.

**For cordless nibblers see page 88**

ELECTRIC NIBBLERS		
Order #	Model	Description
<b>E = Electronic speed control</b>		
72324260120	BLK 1.3 CSE	18 gauge corrugated 3/64" (1.3mm)
72323860120	BLK 1.6 E	16 gauge 1/16" (1.6mm)
72323960120	BLK 1.6 LE	16 gauge long reach 1/16" (1.6mm)
72324060120	BLK 2.0 E	14 gauge 5/64" (2.0mm)
<b>Standard models</b>		
72323012635	BLK 3.5	9 gauge 9/64" (3.5mm)
72323112634	BLK 5.0	6 gauge 3/16" (5.0mm) with chip bag



ACCESSORIES	
Order #	Description
BLK / ABLK 1.3 CSE	
30109169009	Die - 1 pack
30109169040	Die - 2 pack
30109169030	Set: 5 punches & 1 die
ABLK / BLK 1.3 CSE, ABLK / BLK 1.3 TE	
63602050000	Punch - 1 pack
63602050030	Punch - 5 pack
63602050010	Punch - 10 pack
ABLK / BLK 1.3 TE	
30109170001	Die - 1 pack
30109170040	Die - 2 pack
30109170030	Set: 1 punch & 1 die
ABLK / BLK 1.6 E	
63602048004	Punch - 1 pack
63602048040	Punch - 5 pack
63602048050	Punch - 10 pack
30109141003	Die - 1 pack
30109141020	Die - 2 pack
30109141030	Die - 5 pack
30109154007	Die holder
63602048013	Set: 1 punch & 1 die



ACCESSORIES	
Order #	Description
BLK1.6LE	
63602049008	Punch 1-pack
31309122005	Die - 1 pack
BLK 2.0 E	
31309040002	Die - 1 pack
63602051009	Punch - 1 pack
31309039000	Support pin
63602051018	Set: 1 punch & 1 die
BLK 3.5	
31309093003	Die
31309094001	Die for stainless steel
31309097002	Punch
31309098000	Punch for stainless steel
31309099004	Spare chip bag
BLK 5.0	
31309107000	Die
31309108008	Die for thin materials
31309109002	Die for profiles
31309110004	Punch
31309114008	Spare chip bag



**BLS 2.5**

## SHEET METAL SHEARS - ELECTRIC

**FEIN Shears for maximum cutting performance.**

FEIN slitting shears are used for cutting sheet metal, profiles and pipes when chips are unacceptable. They are equally suitable for cutoffs and cutouts. FEIN sheet metal shears are the right choice for those who value maximum cutting performance in sheet metal and stainless steel and are looking for an especially reliable and efficient power tool.

### SLITTING SHEARS: E MODELS with electronic speed control

Order #	Model	Description
<b>72303161090</b>	<b>BSS 1.6 E</b>	16 gauge slitting shear 1/16" (1.6mm)
<b>72303261090</b>	<b>BSS 1.6 CE</b>	16 gauge slitting shear with integrated chip cutter 1/16" (1.6mm)
<b>Includes:</b> pair of cutting bars, wrench		
<b>72303361090</b>	<b>BSS 2.0 E</b>	14 gauge slitting shear 5/64" (2.0mm)
<b>Includes:</b> pair of cutting bars		

**For cordless shears  
see page 88**

### UNIVERSAL SHEARS: E MODELS with electronic speed control

Order #	Model	Description
<b>72303461090</b>	<b>BLS 1.6 E</b>	16 gauge shear 1/16" (1.6mm)
<b>72303561090</b>	<b>BLS 2.5 E</b>	12 gauge shear 3/32" (2.5mm)
<b>Includes:</b> hand guard, handle, set of wrenches		

### UNIVERSAL SHEARS

<b>72302312633</b>	<b>BLS 3.5</b>	9 gauge shear 9/64" (3.5mm)
<b>Includes:</b> hand guard, set of wrenches		
<b>72302412639</b>	<b>BLS 4.2</b>	8 gauge shear 5/32" (4.2mm)
<b>Includes:</b> hand guard, handle, wrenches, sharpening gauge		

### ACCESSORIES

Order #	Description
<b>BSS 1.6 E, BSS 1.6 CE, ABSS 1.6 E</b>	
31308149007	Blade for up to 1.0mm
31308150009	Blade for 1.0mm - 1.6mm
31308151008	Blade for curves up to 1.0mm
31308152001	Blade for stainless steel
31308153014	Set of cutting bars for BSS 1.6
31308153020	Set of cutting bars for BSS 1.6 C
<b>BSS 2.0 E</b>	
31308110003	Blade for up to 2.0mm (each)
31308123008	Blade for stainless steel (each)
31308113009	Set of cutting bars

### ACCESSORIES

Order #	Description
<b>BLS 1.6 E, ABLs 1.6 E, BLS 2.5 E</b>	
31308072000	Plunger / fixed blade BLS 1.6 (each)
63601101009	Plunger / fixed blade BLS 2.5 E (each)
<b>BLS 3.5</b>	
31308146001	Plunger blade
31308136002	Fixed blade
31308143006	Plunger blade for stainless steel
31308147005	Fixed blade for stainless steel
<b>BLS 4.2</b>	
31308092008	Fixed blade
31308096007	Plunger blade 4.2mm
31308098009	Plunger blade for stainless steel



## MOBILE TAPPING / CORE DRILLING

**One system for all hole drilling applications - any place, any where.**

The new FEIN KBH 25 Hand-Held Core Drill combines the advantages of four drilling applications into a single system. This innovative drilling technology provides unmatched cost-effectiveness and the maximum in flexibility and versatility.

### KBH 25-2U

**Order # 72710361090**

Hand-held 2-speed metal core drilling system for universal core and twist bit use. Ideal for universal use due to manually switched second gear for core drilling in metal, hole sawing in sheet metal, twist drilling, tapping and countersinking.

Model	KBH 25-2U	
Hole Ø steel / stainless carbide core bit	in (mm)	1" (25)
Hole Ø light metal & aluminium carbide core bit	in (mm)	1 <sup>3</sup> / <sub>16</sub> " (30)
Carbide core bit max. drilling depth	in (mm)	13/16" (20)
Hole Ø steel / stainless steel carbide hole saw	in (mm)	3 <sup>1</sup> / <sub>8</sub> " (80)
Carbide hole saw max. drilling depth	in (mm)	3/16" (4)
Hole Ø steel / stainless steel twist bit	in (mm)	5/8" (16)
Tap size max.	in	1/2"
Countersinking max. Ø	in (mm)	1 <sup>1</sup> / <sub>4</sub> " (31)
Power consumption	Watts	1,200
Output	Watts	680
Load speed:		
Pilot hole drilling	rpm	0-1,600
1st speed (core drilling)		0-520
2nd speed (twist drilling)		0-1,600
Corner clearance	in (mm)	1 <sup>1</sup> / <sub>16</sub> " (27)
Collar Ø	in (mm)	1 <sup>11</sup> / <sub>16</sub> " (43)
Cable with plug	ft (m)	13 (4)
Weight EPTA	lbs (kg)	7 <sup>1</sup> / <sub>4</sub> " (3.3)

**Includes**  
pilot bit, side handle,  
rapid action chuck, tapping chuck,  
cutting spray, plastic carrying case

**The full range of cutters, hole saws and accessories for the KBH line can be found in the Core Drilling section on pages 17 & 18.**

**New + improved  
for even faster  
drilling times!**



- Safety slip clutch
- Powerful for high cutting speed
- Forward/reverse rotation and speed adjustment
- Optimal functionality due to low feed pressure
- Tool-free changes



## TAPPERS - ELECTRIC

**One-step tapping from start to finish - the only tappers on the market.**

Fast and precise tappers with reversing gear for reduced working times.

TAPPER	
Order #	Description
<b>72093860090</b>	<b>GWP 10 - Variable Speed Tapper 5/16" (no chuck)</b>
63206041008	Floating jaw chuck
32127005006	Depth stop
33901118010	Carrying case

**For cordless tapper see page 82**



**3 YEAR FEIN PLUS GUARANTEE**

### Advantages

- Floating chuck holds taps securely - no slippage.
- Precise tapping, straight accurate holes.
- Reversing gear for automatic reversal of the drill spindle direction, no need to stop and switch gears.
- Rapid reverse speed up to 680 rpm for shorter cycle time.
- Cone mounting for high concentricity of the tapping chuck.
- Metal gear head and barrel-type motor housing with aluminium support.
- Pistol grip for sensitive hold low vibration for comfort and ease.

Model	GWP 10
Power consumption	450 Watts
Load speed when cutting	0-450 rpm
Full load torque	186 in/lbs
Thread in steel up to	5/16 in
Cable with plug	16 ft
Weight according to EPTA	3.5 lbs

## DRILL JIG

**Professional quality portable drill jig**

For use in combination with hand drills; electric, cordless, or pneumatic.

IBS DRILL JIG	
Order #	Description
<b>90320223000</b>	<b>IBS 16 Drill Jig</b>
90701002010	4" Prism vice
32422326010	Adaptor plate
64131019010	Mounting kit prism vice
32623014010	Reducing sleeve 53mm-43mm

- Industrial precision with base plate slotted for welding tables
- Gravity-fed cooling system with flex joint hose

**SPECIAL ORDER**





## HAND DRILLS - ELECTRIC

**Made for metal. Robust FEIN drills are able to handle heavy loads.**

FEIN BOP hand drills feature a powerful barrel design, metal gear heads and fast-acting keyless 3-jaw chucks.

- BOP 10-2 Universal two-speed power drill with 3/8" capacity and ideal speed ranges for steel and stainless steel.
- Mechanical two-speed gearbox with optimum speed adjustment for a wide range of uses.
- FEIN high performance motor with excellent speed stability for steady drilling.



**BOP 10-2**



### ELECTRIC PISTOL-GRIP DRILLS

Order #	Model	Description	RPM - Full Load
<b>72055560090</b>	<b>BOP 13-2</b>	1/2" Two-speed Reversing Drill	0 - 440 / 0 - 1,300
<b>72054551070</b>	<b>BOP 10-2</b>	3/8 / 5/16" Variable Speed Reversing Drill	0 - 460 / 0 - 1,350
<b>72054351070</b>	<b>BOP 6</b>	1/4" Variable Speed Reversing Drill	0 - 2,700

**Includes:** handle, carrying case

### DRILL ACCESSORIES

Order #	Description
63204021004	Keyless chuck 3/8" B12
63204016007	Keyless chuck 3/8" B16
63204017001	Keyless chuck 1/2" B16
63204025003	Keyless chuck 5/8" B16
63202030015	3-jaw chuck 1/2" B16
63202037010	3-jaw chuck 5/8" B16
62914002005	Key for 1/2" & 3/8" chucks
62914004007	Key for 5/8" chuck



### DRILL ACCESSORIES

**For drills with Morse taper socket**

Order #	Description
63301012005	Arbor MT 3 - B16
63301014007	Arbor MT 3 - B22

Drills with B12 / B16 tapered spindles are standard with keyless chucks; pricing includes factory mounted keyless chuck.



## FEIN CORDLESS OVERVIEW

12V and 18 volt product lines, made for metal!

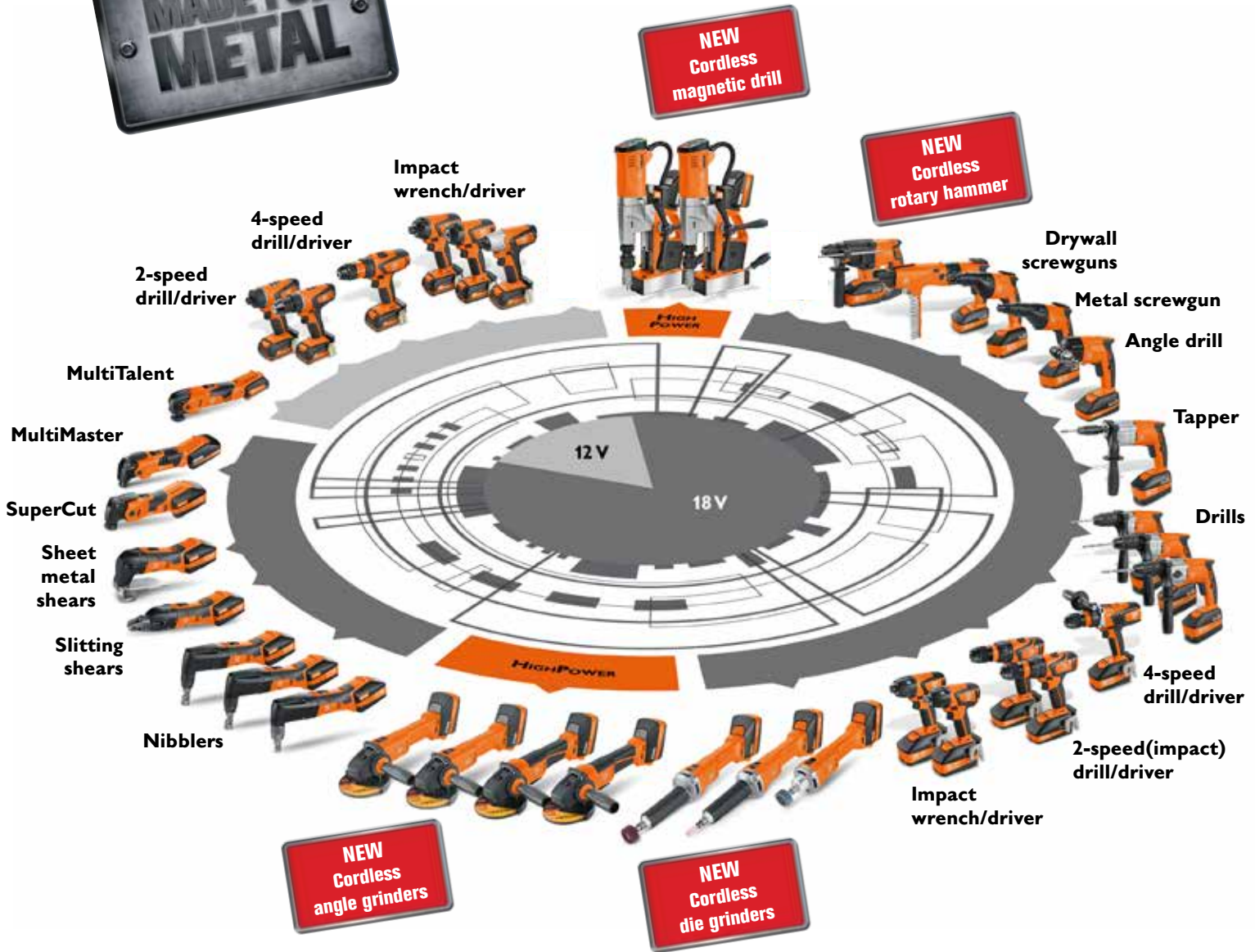


The well-rounded FEIN cordless product line . . . one-of-a-kind, flexible and easy.

The FEIN cordless product range for metal processing and oscillating multi-tools offers high performance tools in 12V and 18V platforms. FEIN grants the 3-year FEIN PLUS warranty to all of its cordless tools, including Li-ion storage batteries and chargers.

12 V + 18 V

Maximum performance when coupled with the FEIN HighPower battery!



## BATTERIES

### FEIN Batteries & Chargers



Description	Voltage	Capacity	Order #
<b>BATTERY STARTER SETS</b> 2 batteries with ALG 50 charger	18V	5.2 Ah HighPower *	92604310010
	18V	5 Ah	92604303030
	18V	2.5 Ah	92604303040
	12V	2.5 Ah	92604253010
<b>BATTERIES</b>	18V	5.2 Ah HighPower *	92604179020
	18V	5 Ah	92604173020
	18V	2.5 Ah	92604171020
	12V	2.5 Ah	92604168020
<b>CHARGERS</b>		ALG 50	92604131010
		ALG 30	92604101010

\* **NEW HighPower Li-ion batteries**  
See page 79 for more information.

Starter Set



### FEIN Battery Technology

#### FEIN Rechargeable Li-ion Batteries with charge indicator

##### Advantages

- No memory effect, battery can be charged at any time.
- Practically no self-discharge, charged battery packs remain charged for months.
- The charge status display on each batterypack notifies the user of the available battery capacity.
- High-quality cells guarantee a long service life.
- Parallel connection of the cells increase the capacity and efficiency.



#### FEIN Rapid Chargers for Li-ion batteries

##### Advantages

- Rapid charger.
- Powerful mains adaptor and charges according to battery with high charging currents.
- Intelligent communication between battery (single cell control) and charging station guarantees a very long battery service life.



## FEIN CORDLESS OVERVIEW

### Cordless set versions

#### SELECT SET

Tool without batteries and without charger in plastic carrying case.



#### BASIC SET

Tool with 2 batteries, rapid charger and plastic carrying case.



### New FEIN HighPower Li-ion Batteries

#### Fully compatible

the HighPower battery can be used with all FEIN 18V cordless tools with high-current-capable cells

#### Lighter and more compact

than competing high-current-capable amperage batteries thanks to its weight of 1.5 lbs (700g)

#### Long service life

Protection of battery and tool from overload, overheating and deep discharge with FEIN SafetyCell Technology.

#### Higher amperage

for sustained excellence while working with high speed stability.

#### Charge indicator

to show what stage of charge the battery is at.



### MultiVolt Interface **MV**



FEIN cordless drill/drivers with this interface can be operated with all FEIN Li-ion batteries from 12 to 18 V. The tools reach maximum output with 18 V. When using batteries with lower output, the output is adapted to the cordless tool.

#### FEIN tools with MultiVolt interface **MV**:

- ▶ Cordless drill/drivers
- ▶ Cordless impact wrenches
- ▶ Cordless angle grinders
- ▶ Cordless die grinders
- ▶ Cordless nibblers
- ▶ Cordless sheet metal shears
- ▶ Cordless sheet metal slitting shears
- ▶ Cordless SuperCut



## 12V CORDLESS TOOLS

**FEIN 12 volt line, as powerful as they are fast!**



### FEIN 12V Cordless Oscillating Multi-Tools

High performance universal oscillating tool system for interior construction and renovation.

- Unique patented anti-vibration system for maximum user comfort
- Starlock Starlock “snapfit” mounting system (AFMT 12 QSL)
- Quick release lever
- Metal drive head and gearbox
- FEIN SafetyCell technology
- Comes with basic accessories for sanding and sawing
- Suitable for all Starlock and StarlockPlus accessories

### FEIN MultiMaster AFMT 12 QSL START SET



<b>Optimum Functionality</b>	<b>Fastest Cutting Speed</b>	<b>Perfect Results</b>	<b>Quality: Made in Germany</b>	
----------------------------------	----------------------------------	----------------------------	-------------------------------------	--

Model #	Description	Battery Capacity	SELECT Order #	START SET Order #
<b>Cordless 12V Oscillating Multi-Tools</b>				
AFMT 12 QSL	MultiTalent QuickIN Starlock Plus	2.5Ah	71292562000	71292561090
AFMT 12 SL	MultiTalent Start (screw mount)	2.5Ah	-	71292661090



Download the FEIN oscillating brochure at [www.fein.ca](http://www.fein.ca) for the:

- Extensive range of FEIN oscillating blades and accessories
- Full line of FEIN oscillating tools and sets





# CORDLESS

## 12V CORDLESS TOOLS

**FEIN 12 volt line, as powerful as they are fast!**



### FEIN Cordless 12V 4-speed Drill-Driver ASCM 12 QC

Significantly better drilling, tapping, screwdriving and fastening in metal. 4 gears always provide the correct speed for the hole diameter and material. Battery, electronics and motor interact perfectly for optimum working speeds and the highest performance in metalworking applications. FEIN PowerDrive brushless motor.



### FEIN Cordless 12V 2-speed Drill-Driver ABSU 12 C

Powerful and light cordless 2-speed drill/driver with fixed drill chuck and long-life DC motor. Perfect for use with stepped drill bit, e.g. for drilling initial holes in sheet metals.



### FEIN Cordless 12V Impact Wrench ASCD 12-150 W8C

Ideally suited for fastening and unscrewing screws. Electronic torque adjustment enables the torque to be adjusted to the desired torque. Features the FEIN PowerDrive brushless motor.



### FEIN Cordless 12V Screwdrivers ABSU 12 W4C

Compact cordless drill/driver with outstanding ergonomics and extremely short design. Ideal choice for a large variety of screwing tasks in a wide range of materials.



### FEIN Cordless 12V Impact Drivers

**ASCD 12-150 W4C** cordless impact wrench/driver featuring the FEIN PowerDrive brushless motor and 6-stage torque setting. For universal screwdriving applications including self-drilling screwdriving.

**ASCD 12-100 W4C** short and light cordless impact wrench/driver with slim and short design, powerful torque, and long-life DC motor.



Model #	Description	SELECT Order #	BASIC SET Order #
<b>Cordless 12V Drill-Drivers</b>			
ASCM 12 QC	4-speed drill-driver	71161064000	71161061090
ABSU 12 C	2-speed drill-driver	71132064000	71132061090
<b>Cordless 12V Screwdriver</b>			
ABSU 12 W4C	2-speed screwdriver 1/4" internal hex	71132164000	71132161090
<b>Cordless 12V Impact Wrench/Drivers</b>			
ASCD 12-150 W8C	Impact wrench 3/8" square drive	71150464000	71150461090
ASCD 12-150 W4C	Impact driver 1/4" internal hex	71150564000	71150561090
ASCD 12-100 W4C	Impact driver 1/4" internal hex	71150364000	71150361090



## 18V CORDLESS TOOLS

**Versatile 18 volt line, unbeatable in metal!**



### Cordless Magnetic Drill AJMU137 PMQW

**Total freedom! Flexible and versatile.**

Small and powerful, this cordless universal magnetic core drill meets the highest quality standards. Equipped with all the features of the corded JMU137 MQW, the Slugger AJMU137 PMQW provides maximum function for any type of work on a construction site.

- Brushless FEIN PowerDrive motor with tacho electronics
- FEIN HighPower Li-ion battery to ensure sustained work progress
- MT2 tool mount

All that, with the mobility and freedom that a cordless tool brings.

**For full specifications on the AJMU137 PMQW, see page 9 in the Core Drilling section.**



### Cordless 18V Magnetic Drill

Model #	Description	SELECT Order #	BASIC SET Order #
AJMU137 PMQW	Cordless 18V Universal Core Drill	71700262090	71700261090
<b>BASIC SET contains:</b> 2 HighPower Li-ion batteries 5.2 Ah, rapid charger ALG 50, coolant pump, 2 centering pins (80 & 100 mm), touch guard, safety strap, drift, chip hook, case			

### FEIN Cordless 18V Tapper AGWP 10 The only cordless tapper on the market.

- Fast and precise with reversing gear for reduced work times
- One-step tapping from start to finish
- Outstanding precision, straight and accurate
- Ergonomic grip with low vibration for fatigue-free work



Model #	Description	RPM - Full Load	SELECT Order #
<b>Cordless 18V Tapper</b>			
AGWP 10	5/16" Tapper (chuck not included)	0-440 / 0-670	71090162000
63206041008	Floating jaw chuck		
32127005006	Depth stop		

## 18V CORDLESS TOOLS

To exceed your expectations! Low maintenance, less downtime.



### Cordless Angle Grinders

Powerful and compact with dust resistant fully-encapsulated motors.

- Brushless FEIN PowerDrive motors - protected from dust
- For effective cutting, grinding and deburring work in assembly jobs.
- Very smooth running and low-vibration due to vibration-dampening design
- Ideal for a variety of applications and materials
- Fatigue-free working thanks to narrow grip dimensions
- Compact design and a well-balanced low weight



FEIN MultiVolt interface **MV**: angle grinders can be operated with all FEIN Li-ion batteries (12 to 18V). For optimum battery life and performance, FEIN HighPower 5.2 Ah Li-ion is recommended.

Model #	Size	Switch Style	No load speed	SELECT Order #	BASIC Order #
<b>Cordless 18V Angle Grinders</b>					
CCG 18-115 BL	4½"	Sliding lock-on	2,500 to 8,500 RPM	71200162090	71200161090
CCG 18-125 BL	5"	Sliding lock-on		71200262090	71200261090
CCG 18-115 BLPD	4½"	Paddle-deadman		71200362090	71200361090
CCG 18-125 BLPD	5"	Paddle-deadman		71200462090	71200461090
5/8-11 quick-change tool-free clamping nut					63802192010

### Cordless Die Grinders

For effective cutting, grinding, deburring and milling work.

- Brushless FEIN PowerDrive motors
- Dust-resistant, powerful and compact
- Very smooth running and low-vibration due to vibration-dampening design
- Fatigue-free working thanks to narrow grip dimensions
- Innovative collets with all-round flange to protect the workpiece
- Bright working area thanks to integrated LED light



See page 61 for collets

Flexibility with the FEIN MultiVolt interface **MV**  
Angle grinders can be operated with all FEIN Li-ion batteries (12 to 18V).

Model #	Description	No load RPM	SELECT Order #	BASIC Order #
<b>Cordless 18V Die Grinders</b>				
AGSZ 18-280 BL		9,000 - 28,000	71230162090	71230161090
AGSZ 18-280 LBL	Long for large plunge depth	9,000 - 28,000	71230262090	71230261090
AGSZ 18-90 LBL	Slow-speed for polishing	2,900 - 9,000	71230362090	71230361090

For FEIN high performance abrasives, see the FEIN Abrasives section.



## 18V CORDLESS TOOLS



**Versatile 18 volt line, unbeatable in metal!**



**Tap, fasten, twist bit drill, core drill - all with the same tool and a fast and simple adaptor change. Designed for high performance work in metal.**

- ▶ FEIN Brushless PowerDrive motor
- ▶ FEIN QuickIN Interface for tool-free adaptor changes
- ▶ FEIN MultiVolt battery capability **MV**

### Cordless 4-speed Drill-Driver ASCM 18 QM

Fully adaptable cordless system goes beyond just drilling and fastening. Quick changeover between drilling, tapping, screwdriving and fastening. Brushless high-power motor 30% more efficient and completely dustproof for maximum durability.

2,200 screw connections with one battery charge (5 Ah), 3/16" x 1 9/16" (5 x 40mm) in wood.

Well-suited to drilling large diameters.



### ASCM 18 QM: The wHOLE drilling system



### Cordless 2-speed Drill-Driver ABS 18 QC

Two-speed gearbox is completely dustproof, and brushless motor is 30% more efficient for maximum durability.

750 screw connections with one battery charge (2.5 Ah).



### Cordless 2-speed Hammer Drill-Driver ASB 18 QC

Perfectly suited to drilling up to 3/8" (10 mm) metal, stone and masonry. Solid metal gearbox with switchable striking mechanism Mechanical torque setting and compact design

750 screw connections (5 x 40 mm) with one battery charge (2.5 Ah).



Model #	Description	SELECT Order #	BASIC SET Order #
<b>Cordless 18V Drill-Drivers</b>			
ASCM 18 QM	4-speed drill-driver	71161164000	71161161090
ABS 18 Q	2-speed drill driver	71132264000	71132262090
<b>Cordless 18V Hammer Drill-Driver</b>			
ASB 18 Q	2-speed hammer drill-driver	71132364000	71132362090

## CORDLESS ACCESSORIES

### QuickIN for fast tool-free accessory changes.

Speed recommendation for  
ASCM (under load)  
ASCM with QuickIN Plus chuck  
according to diameter

Ø in	RPM	
	Constr. steel	Stainless steel
9/16	910 - 1,360	450 - 1,150
5/8	790 - 1,200	400 - 1,000
11/16	750 - 1,130	370 - 930
3/4	670 - 1,000	330 - 840
13/16	630 - 950	320 - 800
7/8	580 - 870	290 - 720
15/16	530 - 800	270 - 660
1	510 - 760	260 - 640
1 1/16	470 - 710	240 - 590
1 1/8	440 - 660	220 - 550
1 3/16	425 - 635	210 - 530
1 1/4	400 - 600	200 - 500
1 5/16	385 - 580	195 - 480
1 3/8	375 - 560	185 - 470
1 7/16	355 - 530	175 - 440
1 1/2	335 - 505	170 - 420
1 9/16	325 - 495	165 - 410

### Extensive QuickIN accessories

The FEIN QuickIN accessories enable fast, tool-free changeover between drilling, tapping, screwdriving and fastening in metal. The attachments are matched optimally to the respective task and work more reliably and practically than conventional solutions.

### For tapping adaptors and collets, see page 86.

#### SKE core bit hole saw adaptor

Self-tightening. Prevents spinning of twist drills and tappers, capacity 1.5-13mm.

Order #  
64207006010



#### Hole saw adaptor / KBH core bit

For drilling large holes in metal. Diameters up to 40mm

Order #  
64203007010



#### Drill chuck

Maximum torque 1,062 in/lbs (120 Nm), capacity 1.5 to 13mm.

Order #  
63208005010



#### Drill chuck

Maximum torque 530 in/lbs (60 Nm), capacity 1.5 to 13mm.

Order #  
63208002010



#### 1/2" socket adaptor

Square drive

Order #  
64203002010



#### Socket bit holder

1/4" hexagon

Order #  
60510222010



#### Angle head

For drilling, tapping and screwdriving.

Order #  
64203008010





## 18V CORDLESS TOOLS

**Versatile 18 volt line, unbeatable in metal!**

### Tapping Accessories for Cordless Drill-Drivers

#### QuickIN Tapping Adaptors

Metric tapping adaptor set  
(adaptor + 2 collets)

Order # 64203003010



Metric tapping adaptor  
(without collets)

Order # 64203003020



#### Tapping Collets

Compatible with all FEIN cordless drill-drivers with QuickIN/QuickIN Max interface. For tapping drill shanks of 3 to 11 mm. Can be easily changed without tools.

Specially designed to prevent slippage.



Metric Collets for use with QuickIN tapping adaptor #64203003020			
Description	Shaft Ø mm	Square mm	Order #
M2 - M2.6	2.8	2.1	63206077001
M3	3.5	2.7	63206064001
M4 / M6	4.5	3.4	63206065005
M5 / M8	6	4.9	63206066008
M10	7	5.5	63206070006
M8	8	6.2	63206078009
M12	9	7	63206075004
M10	10	8	63206079003

Tapping Collets			
Diameter mm	?	?	Order #
3.5			64203009010
4.5			64203010010
6			64203011010
7			64203012010
8			64203013010
9			64203014010
10			64203015010
11			64203016010

#### Cordless Impact Wrenches 1/2" & 1/4"

##### ASCD 18-300 W2 & ASCD 18-200 W4

Controllable power packs with adjustable torque and Brushless FEIN PowerDrive motor. Tightening and unscrewing screws up to size 3/4" (M18). Perfect for installation work, machinery manufacture, automotive assembly and sheet metal, roofing, and carpentry service work.



Model #	Description	SELECT Order #	BASIC SET Order #
<b>Cordless 18V Impact Wrenches</b>			
ASCD 18-300 W2	Impact wrench 1/2" square drive	71150664000	71150661090
ASCD 18-200 W4	Impact wrench 1/4" internal hex	71150764000	71150761090





# CORDLESS

## 18V CORDLESS TOOLS

**Versatile 18 volt line, unbeatable in metal!**



### FEIN cordless 18V screwdriver ASCS 6.3

For safe, flawless driving of self-drilling and thread-cutting screws. For use in roofing and facade construction as well as HVAC. Speed-optimized for fastenings in metal.



### FEIN cordless 18V drywall screw gun ASCT 18 M

Lightweight autofeed screwdriver for more than 2,000 repeated screw fittings per battery charge. Suitable for all screwdriving applications in drywall construction including high-strength chipboard and hard sheets of drywall. Extension available for floor and ceiling work.



### FEIN cordless 18V drywall screwdriver ASCT 18

Very powerful battery-powered drywall screw gun with outstanding service life. For screwdriving applications in drywall construction, including high-strength chipboard and hard sheets of drywall



### FEIN cordless hand drills ABOP

The only “real” drills with battery power and the performance of a corded tool.

Excellent speed stability for metal construction. High quality with high concentricity for precise drilling results. Automatic spindle lock, single-shell rapid-clamping chuck, and metal gear head.



ABOP 13-2

### FEIN cordless angle drill AWBP

Extremely small cordless angle drill for working in difficult-to-reach spots. Flat, slim design with low head height for work in tight spaces and corners. Brushless FEIN motor, reverse, high concentricity, metal gear head, tapered drill shaft and high-precision metal drill chuck.



Model #	Description	RPM No Load	RPM Full Load	SELECT Order #
<b>Cordless 18V Screwdrivers</b>				
ASCS 6.3	1/4" metal screwdriver	0-1,700	0-1,500	71131163000
ASCT 18	Drywall screw gun	0-4,000	0-2,700	71131665000
ASCT 18 M	Drywall screw autofeed screwdriver	0-4,000	0-2,700	71131664000
<b>Cordless 18V Drills</b>				
ABOP 13-2	1/2" 2-speed pistol-grip drill		0-500 / 0-1,500	71050362000
ABOP 10	3/8" pistol-grip drill		0-1,100	71050262000
ABOP 6	1/4" pistol-grip drill		0-2,900	71050162000
AWBP 10	3/8" angle drill		0-1,260	71050462000



**NEW**

**CORDLESS**

## 18V CORDLESS TOOLS

**Versatile 18 volt line, unbeatable in metal!**

**3 YEAR  
FEIN PLUS  
GUARANTEE**

### **Cordless Hammer Rotary Drill ABH 18 Extremely light for tireless work**

Extremely compact and powerful SDS-PLUS cordless rotary hammer drill with an impact energy of 2 J for drilling up to 13/16" (20 mm) in concrete. Combination hammer with three functions: hammer drilling, drilling and chiselling. Brushless motor with high impact energy for rapid work progress. Low vibration and low dust production.



Model #	Description	SELECT Order #
<b>Cordless 18V Hammer Drill</b>		
ABH 18	Rotary hammer drill SDS-Plus	<b>71400164090</b>
	Dust extraction device for wet/dry vacuum cleaner - fits 1 3/8" diameter hose	92602101010

### **FEIN Cordless 18V Nibblers**

FEIN Nibblers are the tools of choice for jobs entailing particularly difficult, precise cuts. Extremely versatile and curve-compatible, they are particularly suited for trapezoid sheet metal, corrugated sheet metal, profiles and curved single rolled sheets.



ABLK 18 1.6 E



ABLS 18 1.6 E

### **FEIN Cordless 18V Shears**

The right choice for those who values the highest cutting performance in sheet metal and stainless steel. Comfortable and easy to use, FEIN shears provide clean, distortion-free cutting of sheet metal, profiles and pipes – with just one continuous chip.

Model #	Description	SELECT Order #
<b>Cordless 18V Nibblers</b>		
ABLK 18 1.6 E	16 gauge Universal Nibbler 1/16" (1.6 mm)	<b>71320461000</b>
ABLK 18 1.3 TE	18 gauge Trapezoidal Nibbler 3/64" (1.3 mm)	<b>71320661000</b>
ABLK 18 1.3 CSE	18 gauge Corrugated Nibbler 3/64" (1.3 mm)	<b>71320561000</b>
<b>Cordless 18V Shears</b>		
ABLS 18 1.6 E	16 gauge Sheet Metal Shears 1/16" (1.6 mm)	<b>71300461000</b>
ABSS 18 1.6 E	16 gauge Slitting Shears 1/16" (1.6 mm)	<b>71300361000</b>

For blades and accessories for nibblers and shears, see pages 72 & 73.

## 18V CORDLESS TOOLS



**Versatile 18 volt line, unbeatable in metal!**

### FEIN 18V Cordless Multi-Tools

Innovative high performance oscillating tool systems with new Starlock snap-fit mount, patented anti-vibration system and QuickIN tool-free release lever. FEIN PowerDrive motors with tachogenerator and quality electronics for constant speed under load and extremely extensive accessory range to cover every need

#### FEIN MultiMaster AFMM 18 QSL FULL SET



#### FEIN SuperCut AFSC 18 QSL BASIC SET



#### Cordless 18V MultiMaster

Proven by professionals around the world and first choice for universal use in interior construction and renovation for impeccable quality. Suitable for Starlock and StarlockPlus accessories.

Model #	Description	SELECT Order #	FULL SET Order #
AFMM 18 QSL	MultiMaster 18V Oscillating Tool Set	71292262000	71292261090

**FULL SET contains:** FEIN AFMM 18 QSL, backing pad, 12 sanding sheet (3 ea. grits 60, 80, 120, 180), rigid scraper blade, HSS segment saw blade, E-Cut Long-Life saw blade 2<sup>9</sup>/<sub>16</sub>" (65 mm), Universal E-Cut saw blade 1<sup>3</sup>/<sub>4</sub>" (44 mm), 2 Li-ion batteries (2.5 Ah), Rapid charger ALG 50, Plastic carrying case

#### Cordless 18V SuperCut-Construction

The highest performance system for special applications. Indispensable in industries that require special accessories for specific application solutions as well as maximum power and service life. Suitable for Starlock, StarlockPlus and StarlockMax accessories.

Model #	Description	Battery capacity	SELECT Order #	BASIC SET Order #
AFSC 18 QSL	SuperCut 18V Oscillating Tool	5Ah	71292760000	71292761090
AFSC 18 QCSL	SuperCut 18V Oscillating Tool	2.5Ah	-	71292762090



Download the FEIN oscillating brochure at [www.fein.ca](http://www.fein.ca) for the:

- Extensive range of FEIN oscillating blades and accessories
- Full line of FEIN oscillating tools and sets



## GRIT STATIONARY BELT GRINDING SYSTEMS



### GRIT GI

Industrial environments place extremely high demands on belt grinders; from high production factory settings to harsh applications. The GRIT-GI program is designed specifically for intense, industrial duty. GRIT-GI grinders are equipped with extremely powerful motors; even continuous operation times and high loads are no problem for the robust construction of GI machines.

### GRIT GX

Constructed for operation and use in small job, prototype and fabrication shops, the GRIT-GX program stands out due to its high efficiency. Whether it's for rough grinding or surface polishing, GRIT-GX grinders offer the quality you demand. Tough, durable and very reliable in operation, GRIT-GX machines can be converted to accommodate a range of applications.

### GRIT GKS

The GKS 75 product line is the ideal solution for those who only process metal using the contact wheel. Due to its low space requirement, it can be fitted easily into any workshop, providing an application range from light deburring to continuous metal removal.

GI 150 with  
GIBE & GIR



GKS 75



**GRIT-GI and GRIT-GX machines are available in a selection of voltages. Always confirm the voltage and phase requirements prior to quoting or placing an order.**

**For hand-held GHB Belt Grinders, see page 41 in the Tooling section.**



## GRIT-GI BELT GRINDERS

**GRIT-GI - designed specifically for intense, industrial duty.**

**GI 150  
with GIB**



- For industrial processing of steel, stainless steel, non-ferrous metals.
- High loads and long service life.
- Construction and parts are specifically adapted to heavy duty jobs.
- Superior abrasive performance for economical and professional results.
- Reliable simple operation provides solutions for specialty applications.
- Modular design is cost effective, saving both time and money.

**For other voltage requirements, please contact your local FEIN sales representative.**



### GRIT-GI BELT GRINDERS (EXCLUDING BASE)

VOLTAGE			575/3/60		220/3/60	
Size	Type	RPM	Ref.	Order #	Ref.	Order #
3" (75mm)	1-speed	3,600	GI 75	<b>79020109573</b>	GI 75 2V	<b>79020109233</b>
3" (75mm)	2-speed	1,800 / 3,600	GI 75 2H	<b>79020209573</b>	GI 75 2H 2V	<b>79020209233</b>
<b>GI 75 includes:</b> 1 grinding belt 3 x 79" (75 x 2,000mm) grit 36 type Z						
6" (150mm)	1-speed	3,600	GI 150	<b>79020409573</b>	GI 150 2V	<b>79020409233</b>
6" (150mm)	2-speed	1,800 / 3,600	GI 150 2H	<b>79020509573</b>	GI 150 2H 2V	<b>79020509233</b>
<b>GI 150 includes:</b> 1 grinding belt 6 x 79" (150 x 2,000mm) grit 40 type Z						

**GIBE**



- Working height easily adjustable by means of gas-filled struts.
- Robust construction provides excellent stability.
- Cartridge filter for effective air cleaning.
- Flexible, heat-resistant steel extraction pipes (GIBE).

GRIT-GI BELT GRINDER BASES	575/3/60		220/3/60	
Description	Ref.	Order #	Ref.	Order #
<b>Base without exhaust</b>	GIB	<b>99001003000</b>	GIB	<b>99001003000</b>
<b>Base with double-suction exhaust</b> Includes: 2 flexible hoses, 4 clamping bands	GIBE	<b>99001004100</b>	GIBE 2V	<b>99001004000</b>

## GRIT-GI BELT GRINDER MODULES

**Add-on modules - expanding the range of applications.**

GRIT-GI ADD-ON MODULES				
VOLTAGE	575/3/60		220/3/60	
Description	Ref.	Order #	Ref.	Order #
<b>Surface Grinding Modules</b> For longitudinal grinding and finishing	GIL	<b>79020809573</b>	GIL 2V	<b>79024800403</b>
<b>Pipe Notching Modules</b> Requires extraction chute for connection to GIBE (page 93)	GIR	<b>99001007001</b>	GIR	<b>99001007001</b>
<b>GIR includes:</b> 1 contact roller for dia. 1 <sup>11/16</sup> " (42.4mm), 1 grinding belt 6 x 88 <sup>9/16</sup> " (150 x 2,250mm) grit 36 type Z				
<b>Mobile Belt Grinders 3"</b>	GIMS 75 *	<b>79021309573</b>	GIMS 75 2V *	<b>79021300233 *</b>
<b>Mobile Belt Grinders 6"</b>	GIMS 150 *	<b>79021409573</b>	GIMS 150 2V *	<b>79021900233 *</b>
<b>GIMS includes:</b> grinder, carriage and 1 grinding belt grit 36 type R				

\* Special order models



### GIR Volume production pipe notching

Accurate and fast, the GRIT GIR pipe notching module is designed for industrial use. The high cutting performance guarantees efficient work and with a belt width of 6 in (150 mm), it's ideal for larger diameter workpieces.





## GRIT-GI CENTRELESS FINISHING SYSTEM

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

The perfect system for cylindrical grinding of round materials on a production basis. From rough grinding to a brilliant finish – the process speed of the GIC module is as impressive as the quality of the finish. Even flawless finishes on stainless steel become simple.

- Plug and play - quick lock mounting system
- 4 steerable rollers and levelling feet
- Variable feed speed



GIC complete with belt grinder

GIC centerless module mounts onto these machines for centreless grinding applications:

- GI 75 2V 220/3/60
- GI 75 2H 2V 220/3/60
- GI 75 575/3/60
- GI 150 2V 220/3/60
- GI 150 2H 2V 220/3/60
- GI 150 575/3/60
- GI 150 2H 575/3/60

### GRIT-GI CENTRELESS GRINDING

VOLTAGE	575/3/60		220/3/60	
Description	Ref.	Order #	Ref.	Order #
<b>Centreless Grinding Modules</b>	GIC	<b>79021209573</b>	GIC 2V	<b>79021200233</b>
<b>Cooling Lubricant Modules</b> Includes: 1/4 gal (1 L) cooling lubricant	GXW	<b>79010409573</b>	GXW 2V	<b>79010412443</b>

### GRIT-GI ACCESSORIES

For	Order #	Description
<b>GIC</b>	39000004554	Drill template - for adapting old GI machines
	69902000146	Pipe cleaning device
	69902180600	Pipe stand - dia. 10-130mm
	69902181600	Pipe feed set - dia. 10-130mm
<b>GXW</b>	69902100000	Cooling lubricant emulsion: 2.6 gal. (10 L) concentrate - Mix ratio 1:30

For	Order #	Description	Size in	Size mm	Wire gauge	mm
<b>GIE</b>	69902007000	Steel wire brush	10 x 2 <sup>3</sup> / <sub>8</sub> x 2	250 x 60 x 51	28	0.35
	69902008000	Steel wire brush			25	0.50
	69902009000	Stainless wire brush			36	0.20
	69902010000	Stainless wire brush			29	0.35
	39000000004	Acrylic eye protection shields 3-pack				



## GRIT-GI ACCESSORIES

For	Order #	Description	Pack
<b>GI 75</b>	39000000001	Graphite coated base plates - For flat grinding	5
	39000001006	Contact wheel - Extra hard	1
	39000000206	Drive disc - dia. 8 x 3 in. (200 x 75mm)	1
	39000000190	Acrylic eye protection shields	3
<b>GI 150 &amp; GI 150 2H</b>	39000000056	Graphite coated base plates for flat grinding	3
	39000000288	Contact wheel - extra hard	1
	39000000184	Acrylic eye protection shields	3
<b>GIL</b>	69902176000	Swivel joint	1
<b>GIR</b>	69902175000	Mitre grinding plate	1
	39000000184	Acrylic eye protection shields	3
	69902182000	Extraction chute for connection to GIBE base	1
<b>GENERAL</b>	69902000000	Water container / dust collector set	1
	39000000002	Flexible hose - dia. 3 <sup>9</sup> / <sub>16</sub> in. x 3.3 ft. long	1
	39000000003	Hose clamp	1
	39000000485	Water container / dust collector 5.2 gal. (20 L)	1

## GRIT GIR CONTACT ROLLERS

Constructed of the highest quality and designed for maximum efficiency.

Order #	Dia. mm
69902101000	20.0
69902102000	22.0
69902103000	25.0
69902104000	25.4
69902105000	26.9
69902106000	28.0
69902107000	30.0
69902108000	32.0
69902109000	33.7
69902110000	35.0
69902111000	38.0
69902112000	38.1
69902113000	38.3
69902114000	40.0
69902115000	42.4
69902116000	44.5

Order #	Dia. mm
69902117000	48.3
69902118000	50.0
69902119000	50.8
69902120000	60.0
69902121000	60.3
69902122000	63.5
69902123000	69.0
69902124000	76.1
69902125000	76.2
69902126000	84.0
69902127000	88.9
69902128000	101.6
69902129000	104.0
69902130000	108.0
69902131000	114.3
69902132000	133.0

Order #	Dia. mm
69902133000	139.7
69902155000	152.4
69902134000	168.3



When ordering contact rollers, always measure the exact outside diameter of the pipe and choose your contact roller according to the metric diameters on this page.



## GRIT-GX BELT GRINDERS

**Ideal for use in smaller workshops and for limited production runs.**



**GX 75**



The GRIT-GX Belt Grinder is the foundation of the GRIT-GX system. This powerful base machine is highly productive and economical as a stand alone grinding centre. Using the belt grinder as the base of the system, simply add on modules to expand the spectrum of applications. Radius grinding, cylindrical finishing, notching pipe and tubing, deburring, all with efficiency and flexibility.

- For use in small workshops and for smaller production runs.
- Covers all standard grinding tasks: belt, radius and cylindrical grinding.
- Easy to assemble, quickly installed and quickly converted.
- Great work safety and machine reliability.

**For other voltage requirements, please contact your local FEIN sales representative.**

### GRIT-GX BELT GRINDERS WITH BASE \*

VOLTAGE			575/3/60		220/3/60	
Size	Type	RPM	Ref.	Order #	Ref.	Order #
3" (75mm)	2-speed	1,800 / 3,600	GX 75 2H	<b>79013209573</b>	GX 75 2H 2V	<b>79012259233</b>

**Includes:** 1 grinding belt 3 x 79" (75 x 2,000mm) grit 36 type Z

\* **GX 75 2H** can be ordered without the base.

### ACCESSORIES

For	Order #	Description	Pack
<b>GX 75 &amp; GX 75 2H</b>	39000000001	Graphite coated base plates - For flat grinding	5
	39000001006	Contact wheel - Extra hard	1
	39000000004	Acrylic eye protection shields	3
	69902000000	Water container / dust collector set (hose, clamp, container lid)	
	39000000002	Flexible hose - 3 <sup>9</sup> / <sub>16</sub> " dia. x 3.3 ft. long	1
	39000000003	Hose clamp	1
	39000000485	Water container / dust collector - cap. 5.2 gal (20 L)	1

For	Order #	Description	Size in	Size mm	Wire gauge	mm
<b>GXE</b>	69902007000	Steel wire brush	10 x 2 <sup>3</sup> / <sub>8</sub> x 2	250 x 60 x 51	28	0.35
	69902008000	Steel wire brush			25	0.50
	69902009000	Stainless wire brush			36	0.20
	69902010000	Stainless wire brush			29	0.35
	39000000004	Acrylic eye protection shields 3-pack				

## GRIT-GX BELT GRINDER MODULES

**Easily installed and quickly converted.**

GRIT-GX ADD-ON MODULES				
VOLTAGE	575/3/60		220/3/60	
Description	Ref.	Order #	Ref.	Order #
<b>Pipe Notching Modules</b>	GXR	<b>99001001001</b>	GXR	<b>99001001001</b>
<b>GXR includes:</b> Plastic water container, 2 contact rollers 1 <sup>11</sup> / <sub>16</sub> " & 1 <sup>7</sup> / <sub>8</sub> " (42.4mm & 48.3mm) dia., 1 grinding belt 3 x 88 <sup>9</sup> / <sub>16</sub> " (75 x 2,250mm) grit 36 type Z				
<b>Cylindrical Grinding Modules</b> Includes: 2 nylon guide rails, 1 brass guide rail	GXC	<b>79012309573</b>	GXC 2V	<b>79012300443</b>
<b>Cooling Lubricant Modules</b> Includes: 1/4 gal (1 L) cooling lubricant emulsion	GXW	<b>79010409573</b>	GXW 2V	<b>79010412443</b>
<b>Deburring Machines</b> Motor protection switch (brush not included)	GXE	<b>79010509573</b>	GXE 2V	<b>79010500233</b>
<b>Machine Base for GXE</b>	GIXS	<b>99001002000</b>	GIXS	<b>99001002000</b>

**GXR**



**GXC**



**GXW**



**GXE**



ACCESSORIES			
For	Order #	Description	Pack
<b>GXC</b>	39000000496	Brass guide rail - For dry grinding, coarse material	1
	39000000497	Nylon guide rails - For smooth and high quality material	3
	39000001128	Guide roller set (80 mm)	
	69902156000	Roller support - Includes mounting unit	
	69902179600	Pipe guide set, dia. 10-100 mm	
	69902180600	Pipe stand, dia. 10-130 mm	
<b>GXW</b>	69902100000	Cooling lubricant emulsion: 2.6 gal. (10 L) concentrate - Mix ratio 1:30	
<b>GXR</b>	69902004000	Stainless steel clamping jaws	1
	69902001000	Length stop - 39" (1 m)	1
	39000000007	Acrylic eye protection shields	3
	39000000485	Water container / dust collector - cap. 5.2 gal (20 L)	1



## GRIT-GX CONTACT ROLLERS

**GXR Contact Rollers, simple assembly with a ball bearing mounted at both ends.**

Order #	Dia. mm
69902020000	16.0
69902021000	17.0
69902022000	17.2
69902023000	18.0
69902024000	19.0
69902025000	20.0
69902026000	21.0
69902027000	21.3
69902028000	22.0
69902029000	22.2
69902030000	22.5
69902031000	23.0
69902032000	23.1
69902033000	24.0
69902034000	24.5
69902035000	25.0
69902036000	25.4
69902037000	25.9
69902038000	26.0
69902039000	26.4
69902040000	26.9
69902041000	27.0
69902042000	28.0
69902043000	28.6
69902044000	28.8
69902045000	29.0
69902046000	30.0
69902047000	31.7
69902048000	32.0
69902049000	33.0
69902050000	33.7
69902051000	34.0
69902052000	35.0
69902053000	36.0
69902054000	37.5
69902055000	38.0

Order #	Dia. mm
69902056000	38.1
69902057000	38.3
69902058000	40.0
69902059000	41.0
69902060000	41.2
69902061000	42.0
69902062000	42.4
69902063000	42.6
69902064000	43.0
69902065000	43.3
69902066000	44.0
69902067000	44.5
69902068000	45.0
69902069000	46.0
69902070000	48.0
69902071000	48.3
69902072000	49.0
69902073000	50.0
69902074000	50.8
69902075000	51.0
69902076000	53.0
69902077000	53.7
69902078000	54.0
69902079000	55.0
69902080000	57.0
69902081000	58.0
69902082000	59.0
69902083000	60.0
69902084000	60.3
69902085000	63.0
69902086000	63.5
69902087000	65.0
69902088000	67.0
69902089000	69.0
69902090000	70.0
69902091000	73.0

Order #	Dia. mm
69902092000	75.0
69902093000	76.0
69902094000	76.1
69902095000	76.2
69902096000	80.0
69902097000	82.5
69902098000	88.9
69902099000	90.0



When ordering contact rollers, always measure the **exact outside diameter** of the pipe and choose your contact roller according to the metric diameters on this page.

## GRIT GI-GX FINISHING BELTS

High quality finishing belts in a range of types.

### TYPE R Ceramic:

More aggressive cut rate, long-lasting, increased productivity. Versatile grinding belt with both significantly reduced processing time and a superior service life. The self-sharpening ceramic grain has a reputation of being one of the toughest, longest-lasting metal removal products on the market today. These belts also feature a very robust polyester backing. Best suited for stainless steel and high alloyed steels.



### TYPE Z Zirconia:

The all-rounder for grinding and deburring of steel and non-ferrous metals that also satisfies the highest demands. Developed in cooperation with professional users, this cost-effective belt stands out due to its long service life, as well as performance. Extra heavy polyester fibre fabric, full resin bond with zirconia alumina. Additional top layer for cooling during the grinding process.

### TYPE A Fine:

Grinding belts with fine grit for polishing metals to a fine finish. Ultimate surface results. Heavy cotton fabric, full resin bond with aluminium oxide.

### TYPE F Fleece:

For removal of minor to medium scratch marks as well as light deburring. Ideal when used with the GIL for a coarse grain to a satin finish with perfect surface quality and high finish speeds. Excellent for surface preparation on all metals, especially stainless and aluminium.

GRIT FINISHING BELTS					
Type	Order #	Size in.	Size mm	Grit	Pack
<b>TYPE R Ceramic</b>	69903000000	3 x 79	75 x 2000	24	10
	69903002000	3 x 79	75 x 2000	36	10
	69903004000	3 x 79	75 x 2000	40	10
	69903007000	3 x 79	75 x 2000	60	10
	69903009000	3 x 79	75 x 2000	80	10
	69903013000	3 x 79	75 x 2000	120	10
	69908036111	3 x 88 <sup>9</sup> / <sub>16</sub>	75 x 2250	36	10
<b>TYPE Z Zirconia</b>	69903003000	3 x 79	75 x 2000	36	10
	69903005000	3 x 79	75 x 2000	40	10
	69903008000	3 x 79	75 x 2000	60	10
	69903010000	3 x 79	75 x 2000	80	10
	69903014000	3 x 79	75 x 2000	120	10
	69903021000	3 x 88 <sup>9</sup> / <sub>16</sub>	75 x 2250	36	10
<b>TYPE A Aluminium oxide</b>	69903017000	3 x 79	75 x 2000	220	10
	69903018000	3 x 79	75 x 2000	320	10
	69903019000	3 x 79	75 x 2000	400	10
<b>TYPE F Fleece</b>	69908034035	3 x 79	75 x 2000	Fine	1
	69908034036	3 x 79	75 x 2000	Medium	1
	69908034037	3 x 79	75 x 2000	Coarse	1
	69908034027	3 x 118	75 x 3000	Medium	1
	69908034038	6 x 79	150 x 2000	Fine	1
	69908034039	6 x 79	150 x 2000	Medium	1
	69908034040	6 x 79	150 x 2000	Coarse	1



**GRIT GI-GX FINISHING BELTS**

High quality finishing belts in a range of types.

<b>GRIT FINISHING BELTS</b>					
<b>Type</b>	<b>Order #</b>	<b>Size in.</b>	<b>Size mm</b>	<b>Grit</b>	<b>Pack</b>
<b>TYPE R Ceramic</b>	69903025000	3 x 118	75 x 3000	60	10
	69903027000	3 x 118	75 x 3000	80	10
	69903029000	3 x 118	75 x 3000	120	10
	69903039000	6 x 79	150 x 2000	24	10
	69903040000	6 x 79	150 x 2000	36	10
	69903042000	6 x 79	150 x 2000	40	10
	69903044000	6 x 79	150 x 2000	60	10
	69903046000	6 x 79	150 x 2000	80	10
	69903048000	6 x 79	150 x 2000	120	10
	69903053000	6 x 88 <sup>9</sup> / <sub>16</sub>	150 x 2250	36	10
<b>TYPE Z Zirconia</b>	69903026000	3 x 118	75 x 3000	60	10
	69903028000	3 x 118	75 x 3000	80	10
	69903030000	3 x 118	75 x 3000	120	10
	69903034000	4 x 39 <sup>3</sup> / <sub>8</sub>	100 x 1000	36	10
	69903035000	4 x 39 <sup>3</sup> / <sub>8</sub>	100 x 1000	40	10
	69903036000	4 x 39 <sup>3</sup> / <sub>8</sub>	100 x 1000	60	10
	69903037000	4 x 39 <sup>3</sup> / <sub>8</sub>	100 x 1000	80	10
	69903038000	4 x 39 <sup>3</sup> / <sub>8</sub>	100 x 1000	120	10
	69903041000	6 x 79	150 x 2000	36	10
	69903043000	6 x 79	150 x 2000	40	10
	69903045000	6 x 79	150 x 2000	60	10
	69903047000	6 x 79	150 x 2000	80	10
	69903049000	6 x 79	150 x 2000	120	10
	69903054000	6 x 88 <sup>9</sup> / <sub>16</sub>	150 x 2250	36	10
<b>TYPE A Aluminium oxide</b>	69908034026	3 x 118	75 x 3000	220	10
	69908034028	3 x 118	75 x 3000	320	10
	69908034029	3 x 118	75 x 3000	400	10
	69908034030	6 x 79	150 x 2000	80	10
	69908034031	6 x 79	150 x 2000	120	10
	69908034032	6 x 79	150 x 2000	180	10
	69903050000	6 x 79	150 x 2000	220	10
	69903051000	6 x 79	150 x 2000	320	10
	69903052000	6 x 79	150 x 2000	400	10

## GRIT GKS SINGLE-PHASE BELT GRINDER

**Low space requirement - ideal for repair shops or smaller work areas**

Compact and efficient, the GKS 75 product line is the ideal solution for those who only process metal using the contact wheel. Due to its low space requirement, it can be fitted easily into any workshop, providing an application range from light deburring to continuous metal removal.

GRIT GKS BELT GRINDER				Voltage	
Size	Type	RPM	Weight	1 x 230V	
				Ref.	Order #
3" (75mm)	1-speed	3,000	96 lbs (44 kg)	GKS 75 EF	<b>79050209232</b>

**Includes:** 1 grinding belt 3 x 79" (75 x 2,000mm) grit 36 type Z



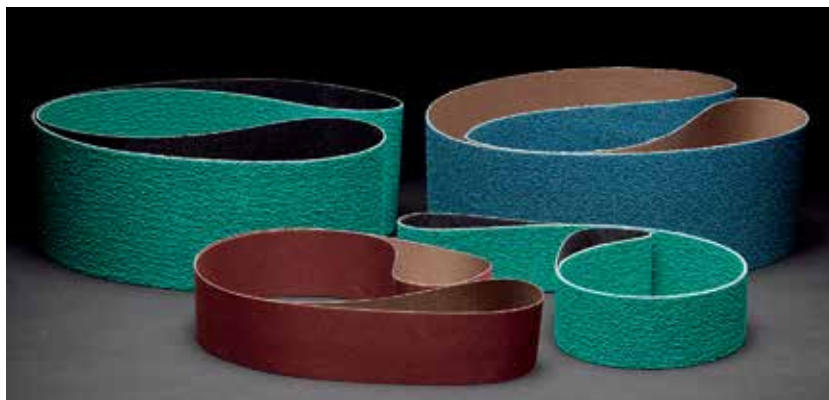
- 1-phase model - compact and efficient stationary belt grinder.
- Simple and quick to operate, can be put into operation immediately.
- Good price performance ratio.
- Good work ergonomics with easy-to-reach switch and belt adjustment and perfect work height.
- Simple belt changes.
- Design makes for an almost chip-free work environment.
- Compact size and durable construction.



## GRIT GKS FINISHING BELTS

High quality finishing belts in a range of types.

GRIT-GKS FINISHING BELTS					
Type	Order #	Size in.	Size mm	Grit	Pack
<b>TYPE R Ceramic</b>	69903000000	3 x 79	75 x 2000	24	10
	69903002000			36	10
	69903004000			40	10
	69903007000			60	10
	69903009000			80	10
	69903013000			120	10
<b>TYPE Z Zirconia</b>	69903003000	3 x 79	75 x 2000	36	10
	69903005000			40	10
	69903008000			60	10
	69903010000			80	10
	69903014000			120	10
<b>TYPE A Aluminium oxide</b>	69903017000	3 x 79	75 x 2000	220	10
	69903018000			320	10
	69903019000			400	10
<b>Type F Fleece</b>	69903117010	3 x 79	75 x 2000	Coarse	10
	69903119010			Medium	10
	69903121010			Fine	10
<b>Cubitron</b>	69903145000	3 x 79	75 x 3000	36	10
	69903146000			60	10
	69903147000			80	10







# FEIN ABRASIVES

## FEIN ABRASIVES

**FEIN Abrasives - specialized, high quality industrial finishing products.**

FEIN Canada is proud to supply the FEIN brand of abrasives, chosen to compliment existing FEIN products and to keep pace with the FEIN brand which is recognized worldwide for high quality. This catalogue represents the most popular abrasives and surface conditioning products as determined by the Canadian market. Over 50 years of industry experience is the foundation of these specially selected abrasive products, state-of-the-art quality made for serious industrial applications yet competitively priced.



FEIN Abrasives are made to the most stringent of safety standards, meeting or surpassing any required standards.



We have, whenever possible, partnered with abrasive manufacturers who founded the Organization for the Safety of Abrasives “oSa”, an organization whose members have voluntarily undertaken to produce and market safe high quality abrasive products. FEIN abrasives bearing the oSa symbol assure end users of a level of quality and safety in their daily applications surpassing that of other manufacturers.



- Grinding Wheels - Steel / Stainless
  - Grinding Wheels - Aluminium
  - Zirconia/Ceramic Flap Discs
  - Zirconia Flap Discs
  - Ceramic Flap Discs
  - Cast Wheels
  - Pipeliner Wheels
  - MultiCut Wheels
  - Combo Cut & Grind Wheels
- Cut-off Wheels SP- Steel / Stainless
  - Cut-off Wheels GP- Steel / Stainless
  - Cut-off Wheels - Aluminium
  - Chop Saw Wheels
  - Gas Saw Wheels
  - Carbide Burrs
  - Cleaning Wheels
  - Non-Woven Abrasives
  - Unitized Wheels
  - Zirconia Flap Bands
- Mounted Flap Wheels 1/4” shank
  - Mounted Flap Wheels 1/8” shank
  - Interleaf Finishing Flap Wheels
  - Felt Polishing Flap Wheels
  - Non-woven Finishing Flap Wheels
  - Threaded Flap Wheels
  - Resin Fibre Discs
  - Surface Conditioning Discs
  - Trim-Cut Discs



## GRINDING WHEELS



### FEIN FLASHGRIND

Superior Performance Grinding Wheels SP INOX

For stainless steel, steel and non-ferrous metals. Ideal for weld removal, deburring, surface and edge grinding. FEIN FlashGrind grinding wheels are made from select superior abrasive grain, reinforcing and resins. They are manufactured to the most stringent safety standards as designated by the oSa label. FlashGrind wheels provide high productivity, long life and low vibration. **Contaminate-free, no iron, sulphur or chlorine added**

**High productivity and long life!**

Order #	Ref.	Type	Size in	Size mm	RPM	Box
69908031108	F-471128	27	4 x 1/4 x 5/8"	100 x 6 x 16	15,200	10
69908031104	F-470244	27	4 1/2 x 1/4 x 7/8"	115 x 7 x 22.23	13,300	10
69908031105	F-470251	27	5 x 1/4 x 7/8"	125 x 7 x 22.23	12,200	10
69908031101	F-332245	27	6 x 1/4 x 7/8"	150 x 7 x 22.23	10,200	10
69908031106	F-470398	27	7 x 1/4 x 7/8"	178 x 7 x 22.23	8,600	10
69908031107	F-470411	27	9 x 1/4 x 7/8"	230 x 7 x 22.23	6,600	10



### FEIN FLASHGRIND-ALU

High performance type 27 non-loading grinding wheels

New FlashGrind-Alu wheels for use on aluminium, copper, brass, bronze and other soft, greasy materials susceptible to loading problems.

- ▶ Ideally suited to weld grinding and surface grinding with no residue.
- ▶ Excellent stock removal rates and good service life.
- ▶ No loading or clogging
- ▶ Aluminium oxide
- ▶ Fast grinding performance and long service life

**Great price, great productivity!**



FlashGRIND-ALU						
Order #	Ref.	Type	Size in	Size mm	Box	RPM
69908031102	F-375179	27	5 x 1/4 x 7/8"	125 x 7 x 22.23	10	12,200



## GRINDING WHEELS

### FEIN FLASHGRIND SMALL DIAMETER GRINDING WHEELS

For rapid grinding and excellent finishing on steel and ferrous metals.  
Type 1 (Internal/External) for Electric or Air Driven Grinders



For mounting mandrels, see page 111.

Order #	Ref.	Dia. x width x bore		Grit	RPM	Box
69908031109	MFC 4008	2 x 1/4 x 3/8"	50 x 7 x 10mm	36	30,000	25
69908031110	MFC 4012	2 x 3/8 x 3/8"	50 x 10 x 10mm	36	27,000	15
69908031111	MFC 4016	2 x 1/2 x 3/8"	50 x 13 x 10mm	36	27,000	15
69908031112	MFC 4024	3 x 1/4 x 3/8"	75 x 7 x 10mm	36	23,000	25
69908031113	MFC 4028	3 x 3/8 x 3/8"	75 x 10 x 10mm	36	18,000	20
69908031114	MFC 4032	3 x 1/2 x 3/8"	75 x 13 x 10mm	36	18,000	15

## FLAP DISCS



### FEIN FLASHDISC UP - ZIRCONIA/CERAMIC

Trimable "ORANGE" plastic-backed flap discs  
Ultimate performance "UP"

Grind more material in less time!

When a superior finish and high metal removal rates are required, new FlashDisc-UP discs from FEIN deliver the ultimate performance and productivity to get the job done quickly and efficiently. Their dual flap design of high quality ceramic and zirconia flaps, provides fast grinding and long life.

- ▶ Stainless, steel, aluminium and other hard to grind materials such as Titanium and Inconel.
- ▶ Unique dual flap design (ceramic & zirconia) bonded onto a special composite plastic back.
- ▶ Self-sharpening ceramic and zirconia grain provide a cool, fast cutting action.
- ▶ Plastic back that can be trimmed to expose more abrasive flap material and extend disc life.



- ▶ Contaminant free  
≤ 0.1% of ferrous, chlorinated or sulphurous fillers.

Surface grinding and finishing  
Blending applications with light pressure  
Grinding welds and blending  
Heavy metal removal  
Beveling  
Deburring

### Zirconia-Ceramic UP - FLAT Type 27

Order #	Ref.	Grit	Size	Box	RPM
69908031647	F-387569	40	4 1/2 x 7/8" 115 x 22.23mm	10	13,300
69908031648	F-387570	60			
69908031649	F-387571	80			
69908031650	F-387573	40	5 x 7/8" 125 x 22.23mm	10	12,200
69908031651	F-387574	60			
69908031652	F-387575	80			
69908031653	F-387577	40	6 x 7/8" 150 x 22.23mm	10	8,600
69908031654	F-387578	60			
69908031655	F-387579	80			

Shrink-wrapped and packaged 10 per box



## FLAP DISCS

### FEIN FLASHDISC

Superior Performance Flap Discs SP

**One-step grinding and finishing!**

FEIN FlashDisc SP wheels are made from superior performance zirconia abrasive flap material suitable for stainless steel, steel and non-ferrous metals. The zirconia flaps are designed to provide a high stock removal rate and a long service life. One-step grinding and finishing, FEIN zirconia alumina flap wheels provide a distinct advantage over reinforced grinding wheels and can reduce labor costs significantly.

**Contaminate-free, no iron, sulphur or chlorine added**

#### CONICAL FDC Type 29 - Zirconia

Order #	Ref.	Grit	Size	Box	RPM
69908031612	F-167922	40	4½ x 7/8" 115 x 22.23mm	10	13,300
69908031615	F-167953	60			
69908031621	F-246672	80			
69908031613	F-167939	40	5 x 7/8" 125 x 22.23mm	10	12,200
69908031616	F-167960	60			
69908031622	F-246702	80			
69908031611	F-167908	120	6 x 7/8" 150 x 22.23mm	10	10,200
69908031601	F-152940	40			
69908031602	F-152960	60			
69908031603	F-152980	80	7 x 7/8" 180 x 22.23mm	10	8,600
69908031614	F-167946	40			
69908031617	F-167977	60			
69908031623	F-246740	80			



#### FLAT FDF Type 27 - Zirconia

Order #	Ref.	Grit	Size	Box	RPM
69908031605	F-167618	40	4½ x 7/8" 115 x 22.23mm	10	13,300
69908031608	F-167649	60			
69908031618	F-246573	80			
69908031604	F-167588	120	5 x 7/8" 125 x 22.23mm	10	12,200
69908031606	F-167625	40			
69908031609	F-167656	60			
69908031619	F-246603	80	7 x 7/8" 180 x 22.23mm	10	8,600
69908031607	F-167632	40			
69908031610	F-167663	60			
69908031620	F-246641	80			



## FLAP DISCS

### FEIN FLASHDISC ULTIMATE TREATED ZIRCONIA "BIG BOY"

Flap discs for stainless steel, with fibreglass backing and more flaps to dramatically increase product life. Thicker construction provides more cushioning for stainless finishing applications.



#### CONICAL Type 29 - Zirconia Big Boy TZA

Order #	Ref.	Grit	Dia. x arbor	Box	RPM
69908031629	WF236233	60	5 x 7/8"	10	12,200
69908031630	WF236234	80	125 x 22.23mm		

#### FLAT Type 27 - Zirconia Big Boy TZA

Order #	Ref.	Grit	Dia. x arbor	Box	RPM
69908031626	WF235233	60	5 x 7/8"	10	12,200
69908031627	WF235234	80	125 x 22.23mm		

### FEIN FLASHDISC - CERAMIC

Flap discs made with specially designed ceramic grain for maximum performance with both durability and aggressiveness. Excellent lifetime on stainless steel, hard metals and alloys.



#### Flat FDF Type 27 - Ceramic

Order #	Ref.	Grit	Size	Box	RPM
69908031624	F-855740	40	7 x 7/8" 180 x 22.23mm	10	8,600

## PIPELINER WHEELS

### FEIN FLASHCUT-PIPE

Superior Performance Pipeliner Wheels "SP PIPE" combo wheels for light grinding or cutting of pipeliner root pass, weld and flame cut grinding, and all facets of steel, stainless and non-ferrous metal production.



#### PIPELINER WHEELS - Type 27

Order #	Ref.	Size in	Size mm	Box	RPM
<b>For stainless steel and steel</b>					
69908030624	F-532973	5 x 1/8 x 7/8"	125 x 4.1 x 22.23	10	12,200
69908030623	F-529232	6 x 1/8 x 7/8"	150 x 4.1 x 22.23	10	10,200
69908030617	F-475287	7 x 1/8 x 7/8"	178 x 4.1 x 22.23	10	8,600
<b>For steel</b>					
69908030638	F-732403	6 x 5/32 x 7/8"	150 x 4.1 x 22.23	10	10,200



## CAST WHEELS

### FEIN FLASHGRIND-CAST

Cast special grinding wheels for cast iron materials, high alloy steels, high alloy stainless steel. Type 27, stainless-rated with long-life performance. Premium performance grinding wheel specially designed for cast material in demanding applications. Provides fast grinding performance that out performs aluminium oxide wheels due of the special blend of materials used in the manufacture of these wheels.



#### CAST WHEELS

Order #	Ref.	Size in	Size mm	Type	RPM	Box
69908031103	F-470000	9 x 1/4 x 7/8"	230 x 7 x 22.23	27	6,600	10

## MULTI-CUT WHEELS



### FEIN FLASHCUT-MULTI

FEIN FlashCut-Multi "One For All" wheels are excellent for construction, renovation and job-site applications.

- ▶ Easily eliminates the need for 3 or 4 different cutting wheels
- ▶ Perfect for those who cut all kinds of material.
- ▶ ideal for plumbers, farming, maintenance facility repairs, and the DIY enthusiast.
- ▶ Cut a range of materials such as steel, stainless, aluminium, plastic, PVC, stone or marble.



#### MULTI-CUT WHEELS

Order #	Ref.	Size in	Size mm	Type	RPM	Pack
69908030607	F-178743	4½ x .045 x 7/8"	115 x 1.2 x 22.23	1	13,300	25
69908030608	F-178750	5 x .045 x 7/8"	125 x 1.2 x 22.23	1	12,200	25

## COMBO CUT & GRIND WHEELS

### FEIN FLASHCUT-COMBO

Superior Performance Combination Wheel for cutting, light grinding and deburring, all with just one wheel. made from select superior abrasive grain, reinforcing and resins. This type of wheel is very safe, in preventing the use of the wrong wheel as it can cut or perform light grinding tasks. They are manufactured to the most stringent safety standards as designated by the oSa label. High productivity, long life and low vibration. Universal use in stainless steel and steel cut-off applications.



#### COMBO WHEELS

Order #	Ref.	Size in	Size mm	Type	RPM	Pack
69908030613	F-455564	5 x 5/64 x 7/8"	125 x 2 x 22.23	27	12,200	25

## GP CUT-OFF WHEELS



### FEIN FLASHCUT-GP

FEIN FlashCut General Purpose Cut-off Wheels are consistent in their quality, performance and level of safety compliance.

**Quick easy cuts and minimized burr formation**

- ▶ Specifically designed for universal cutting of steel sheet metal, bar stock and cross sections.
- ▶ Cost-effective alternative for all around general purpose use.
- ▶ Made from premium aluminium oxide grain and special resin bonding material.
- ▶ Formulated for fast cutting performance and a long service life.

Optimized by a smooth cutting action, high lateral stability and minimal pressure required; the .045 thickness allows for quick easy cuts and minimized burr formation.



### GP CUT-OFF WHEELS FOR STAINLESS STEEL

**Stainless steel, steel and non-ferrous materials. Contaminate-free, no iron, sulphur or chlorine added.**

Order #	Ref.	Size in	Size mm	RPM	Pack *
<b>Type 27 Depressed-centre</b>					
69908030628	F-538341	4½ x .045 x 7/8"	115 x 1.6 x 22.23	13,300	25
69908030630	F-538999	5 x .045 x 7/8"	125 x 1.6 x 22.23	12,200	25
69908030627	F-538196	6 x .045 x 7/8"	150 x 1.6 x 22.23	10,200	25
<b>Type 1 Flat</b>					
69908030629	F-538781	4½ x .045 x 7/8"	115 x 1.6 x 22.23	13,300	25
69908030625	F-538142	5 x .045 x 7/8"	125 x 1.6 x 22.23	12,200	25
69908030626	F-538192	6 x .045 x 7/8"	150 x 1.6 x 22.23	10,200	25
* Shrink-wrapped packages					



### GP CUT-OFF WHEELS FOR STEEL

Order #	Ref.	Size in	Size mm	RPM	Pack *
<b>Type 27 Depressed-centre</b>					
69908030662	F-379380	5 x .045 x 7/8"	125 x 1.6 x 22.23	12,200	25
<b>Type 1 Flat</b>					
69908030661	F-379381	5 x .045 x 7/8"	125 x 1.6 x 22.23	12,200	25
* Shrink-wrapped packages					



## SP CUT-OFF WHEELS

### FEIN FLASHCUT SP CUT-OFF WHEELS

SP INOX Superior Performance cut-off wheels for stainless steel, steel and non-ferrous materials. FEIN cut-off wheels are designed to meet the most demanding of applications. Unsurpassed cost-efficiency and outstanding productivity in addition to a smooth cutting action.



**Contaminate-free,  
no iron, sulphur or  
chlorine added.**

Order #	Ref.	Size in	Size mm	RPM	Box
<b>Type 27 Depressed-centre</b>					
69908030616	F-459669	4½ x .045 x 7/8"	115 x 1.2 x 22.23	13,300	25
69908030605	F-162613	4½ x 3/32 x 7/8"	115 x 2.3 x 22.23	13,300	25
69908030614	F-459645	5 x .045 x 7/8"	125 x 1.2 x 22.23	12,200	25
69908030606	F-162651	5 x 3/32 x 7/8"	125 x 2.3 x 22.23	12,200	25
69908030622	F-522882	5 x 1/8 x 7/8"	125 x 3.0 x 22.23	12,200	25
69908030618	F-475836	6 x .045 x 7/8"	150 x 1.2 x 22.23	10,200	25
69908030619	F-475999	6 x 1/16 x 7/8"	150 x 1.6 x 22.23	10,200	25
69908030621	F-508459	6 x 3/32 x 7/8"	150 x 2.3 x 22.23	10,200	25
69908030603	F-063999	6 x 1/8 x 7/8"	150 x 3.0 x 22.23	10,200	25
69908030615	F-459652	7 x .045 x 7/8"	180 x 1.6 x 22.23	8,600	25
69908030604	F-162279	7 x 3/32 x 7/8"	180 x 2.3 x 22.23	8600	25
<b>Type 1 Flat</b>					
69908030609	F-355442	4½ x .045 x 7/8"	115 x 1.2 x 22.23	13,300	25
69908030620	F-499733	5 x .040 x 7/8"	125 x 1.0 x 22.23	12,200	25
69908030610	F-355459	5 x .045 x 7/8"	125 x 1.2 x 22.23	12,200	25
69908030631	F-581179	6 x .045 x 7/8"	150 x 1.2 x 22.23	10,200	25
69908030633	F-581999	6 x 1/16 x 7/8"	150 x 1.6 x 22.23	10,200	25
69908030632	F-581186	7 x .045 x 7/8"	180 x 1.6 x 22.23	8,600	25







# FEIN ABRASIVES



## CUT-OFF WHEELS - ALUMINIUM



### FEIN FLASHCUT-ALU

Superior performance cut-off wheels specifically designed for use on aluminium, copper, brass, bronze and other soft, greasy materials susceptible to loading problems. Ideal for smooth cool cutting of sheet metal, sections, and solid material with minimized burr formation. The .045" thickness allows for quick easy cuts.

- Aluminium oxide
- No loading or clogging
- Fast cutting performance
- Long service life

### CUT-OFF WHEELS FOR ALUMINIUM

For	Order #	Ref.	Size in	Size mm	Type	RPM	Box
Aluminium and soft materials	69908030611	F-375180	5 x .045 x 7/8"	125 x 1.6 x 22.23	27	12,200	25
	69908030612	F-375181	5 x .045 x 7/8"	125 x 1.6 x 22.23	1	12,200	25

## SMALL CUT-OFF WHEELS

### FEIN FLASHCUT SMALL DIAMETER CUT-OFF WHEELS

Aluminium oxide type 1 for die and angle grinders for stainless steel, steel, other ferrous and non-ferrous materials.

Type	Order #	Ref.	Dia. x width x bore		Grit	RPM	Box
<b>SKA PREMIUM PERFORMANCE</b> Premium grains for longer life and better performance.	69908030653	MFC 6126	1½ x 1/8 x 1/8"	38 x 3.0 x 3mm	60	45,000	100
	69908030654	MFC 6127	2 x .040 x 3/8"	50 x 1.0 x 10mm	60	30,000	100
	69908030652	MFC 1360	2½ x 1/16 x 3/8"	63 x 1.6 x 10mm	60	27,000	50
	69908030655	MFC 6130	3 x .040 x 3/8"	75 x 1.0 x 10mm	60	25,000	50
	69908030656	MFC 6131	3 x 1/16 x 3/8"	75 x 1.6 x 10mm	60	25,000	50
	69908030657	MFC 6133	4 x .040 x 3/8"	100 x 1.0 x 3mm	60	19,000	50
<b>A HIGH PERFORMANCE</b> Grade A for everyday use.	69908030648	MFC 1154	3 x .035 x 1/4"	75 x 0.9 x 7mm	60	25,000	50
	69908030649	MFC 1158	3 x .035 x 3/8"	75 x 0.9 x 3mm	60	25,000	50
	69908030650	MFC 1164	3 x 1/16 x 3/8"	75 x 1.6 x 10mm	36	25,000	50
	69908030651	MFC 1172	3 x 1/8 x 3/8"	75 x 3.0 x 10mm	36	25,000	50

### Mounting Mandrels for small diameter wheels



Order #	Ref.	Size: Arbor x shank		For Thickness
69908032601	MFC 8008	1/8 x 1/4"	3 x 6mm	.035" to 1/4"
69908032602	MFC 8014	1/4 x 1/4"	6 x 6mm	.035" to 1/4"
69908032603	MFC 8038	3/8 x 1/4"	10 x 6mm	.035" to 1/4"
69908036105	MFC 8214	1/4 x 1/4"	6 x 6mm	3/8" to 1/2"
69908032606	MFC 8338	3/8 x 1/4"	10 x 6mm	3/8" to 1/2"



## CHOP SAW WHEELS

### FEIN FLASHCUT-CHOP

#### Superior Performance Chop Saw Wheels

Safe, efficient wheels for low-powered chop saws

Use in all types of manufacturing, fabrication, maintenance and construction sites. FEIN FlashCut -Chop saw wheels are made specifically for demanding portable choppers applications. These wheels are fully reinforced and designed to have a very high lateral stability as well as providing a very quick clean cut in many different types of demanding jobsite applications. They have been engineered to provide an excellent life time, performance and durability.



### CHOP SAW WHEELS - Flat Type 1

For	Order #	Ref.	Size in	Size mm	Type	RPM	Box
STEEL	69908030634	F-629123	12 x 3/32 x 1"	300 x 2.8 x 25.4	1	5,100	25
	69908030635	F-629154	14 x 3/32 x 1"	350 x 2.8 x 25.4	1	4,400	10
	69908030636	F-638675	16 x 3/32 x 1"	400 x 2.8 x 25.4	1	3,820	10
STAINLESS STEEL	69908030637	F-639634	14 x 3/32 x 1"	350 x 2.8 x 25.4	1	4,400	10

## GAS SAW WHEELS

### FEIN FLASHCUT-SAW

#### Superior Performance Gas Saw Wheels

For portable high speed gas saws

High speed cut-off wheels manufactured to perform under the toughest job applications. Externally reinforced with extra heavy fiberglass for additional strength, protecting the wheel against increased side load pressures.



### GAS SAW WHEELS

For	Order #	Ref.	Size in	Size mm	RPM	Box
<b>MASONRY CUTTING WHEELS</b>						
Silicon carbide grain for cured concrete, masonry, brick, block and stone.	69908030640	F-802310	12" x 1/8" x 1"	300 x 3.0 x 25.4	6,360	10
	69908030642	F-804310	14" x 1/8" x 20mm	350 x 3.0 x 20	5,460	10
<b>METAL CUTTING WHEELS</b>						
Aluminium oxide grain for steel, ferrous metals, structural steel, iron and rebar.	69908030643	F-841330	12" x 1/8" x 20mm	300 x 3.0 x 25.4	6,360	10
	69908030645	F-844330	14" x 1/8" x 1"	350 x 3.0 x 25.4	5,460	10
	69908030646	F-844340	14" x 1/8" x 20mm	350 x 3.0 x 20	5,460	10

## CARBIDE BURRS - 1/4"

### FEIN CARBIDE BURRS

Perfectly balanced smooth performance, made from the highest quality carbide material and precision ground.

Shape	Order #	Ref.	Dia. x L."
A)	69908038006	SA-14	3/16 x 5/8
CYLINDRICAL	69908038004	SA-1	1/4 x 5/8
Plain end	69908038009	SA-3	3/8 x 3/4
	69908038015	SA-5	1/2 x 1
	69908038020	SA-6	5/8 x 1
	69908038007	SA-16	3/4 x 3/4
	69908038022	SA-7	3/4 x 1
	69908038023	SA-9	1 x 1
B)	69908038026	SB-14	3/16 x 5/8
CYLINDRICAL	69908038024	SB-1	1/4 x 5/8
End cut	69908038028	SB-3	3/8 x 3/4
	69908038030	SB-5	1/2 x 1
	69908038031	SB-6	5/8 x 1
	69908038032	SB-7	3/4 x 1
	69908038033	SB-9	1 x 1
C)	69908038036	SC-14	3/16 x 5/8
CYLINDRICAL	69908038034	SC-1	1/4 x 5/8
Round top	69908038038	SC-3	3/8 x 3/4
	69908038044	SC-5	1/2 x 1
	69908038047	SC-6	5/8 x 1
	69908038049	SC-7	3/4 x 1
D) BALL	69908038052	SD-11	1/8 x 3/32
	69908038053	SD-14	3/16 x 1/8
	69908038050	SD-1	1/4 x 3/16
	69908038054	SD-2	5/16 x 1/4
	69908038056	SD-3	3/8 x 5/16
	69908038061	SD-5	1/2 x 7/16
	69908038064	SD-6	5/8 x 9/16
	69908038066	SD-7	3/4 x 11/16
	69908038067	SD-9	1 x 15/16
E) OVAL	69908038068	SE-1	1/4 x 3/8
	69908038069	SE-3	3/8 x 5/8
	69908038074	SE-5	1/2 x 7/8
	69908038077	SE-6	5/8 x 1
F) FLAME	69908038108	SH-2	5/16 x 3/4
	69908038110	SH-5	1/2 x 1 1/4

See page 112 for Carbide Burr Sets



The carbide burrs on this page are diamond cut, other cuts are available.

Shape	Order #	Ref.	Dia. x L."
K) TREE	69908038098	SG-1	1/4 x 5/8
Pointed	69908038101	SG-3	3/8 x 3/4
	69908038099	SG-13	1/2 x 3/4
	69908038104	SG-5	1/2 x 1
	69908038107	SG-6	5/8 x 1
	69908038100	SG-15	3/4 x 1 1/2
L) TREE	69908038079	SF-1	1/4 x 5/8
Radius	69908038084	SF-3	3/8 x 3/4
	69908038092	SF-5	1/2 x 1
	69908038097	SF-6	5/8 x 1
O) 14° TAPER	69908038121	SL-1	1/4 x 5/8
Radius end	69908038122	SL-2	5/16 x 7/8
	69908038123	SL-3	3/8 x 1 1/16
	69908038125	SL-4	1/2 x 1 1/8
Q) CONE	69908038130	SM-1	1/4 x 1/2
Pointed	69908038131	SM-2	1/4 x 3/4
	69908038132	SM-3	1/4 x 1
	69908038133	SM-4	3/8 x 3/4
	69908038137	SM-5	1/2 x 1
	69908038139	SM-6	5/8 x 1 1/8
R) INVERTED	69908038140	SN-1	1/4 x 1/4
CONE	69908038143	SN-3	1/2 x 1/4
Plain End	69908038142	SN-4	1/2 x 1/2
X) 60° CONE	69908038113	SJ-1	1/4 x 60°
	69908038114	SJ-3	3/8 x 60°
	69908038115	SJ-5	1/2 x 60°
Z) 90° CONE	69908038117	SK-3	3/8 x 90°
	69908038118	SK-5	1/2 x 90°



## CARBIDE BURR SETS

### FEIN 1/4" SHANK CARBIDE BURR SETS

Sets of assorted carbide burrs in grey metal case.

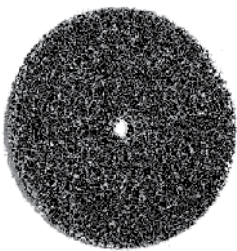


8 PIECE SET											
<b>Order #</b>	69908038002										
<b>Ref.</b>	CBS-8										
<b>Description</b>	Set of 8 Carbide Burrs 1/4" shank										
<b>Contents</b>	<table border="0"> <tr> <td>1 x SA-5</td> <td>1 x SF-3</td> </tr> <tr> <td>1 x SC-3</td> <td>1 x SF-5</td> </tr> <tr> <td>1 x SC-5</td> <td>1 x SG-3</td> </tr> <tr> <td>1 x SD-5</td> <td>1 x SL-4</td> </tr> <tr> <td colspan="2">Metal case</td> </tr> </table>	1 x SA-5	1 x SF-3	1 x SC-3	1 x SF-5	1 x SC-5	1 x SG-3	1 x SD-5	1 x SL-4	Metal case	
1 x SA-5	1 x SF-3										
1 x SC-3	1 x SF-5										
1 x SC-5	1 x SG-3										
1 x SD-5	1 x SL-4										
Metal case											

10 PIECE SET													
<b>Order #</b>	69908038151												
<b>Ref.</b>	CBS-10												
<b>Description</b>	Set of 10 Carbide Burrs 1/4" shank												
<b>Contents</b>	<table border="0"> <tr> <td>1 x SA-3</td> <td>1 x SD-5</td> </tr> <tr> <td>1 x SA-5</td> <td>1 x SF-3</td> </tr> <tr> <td>1 x SC-3</td> <td>1 x SF-5</td> </tr> <tr> <td>1 x SC-5</td> <td>1 x SG-5</td> </tr> <tr> <td>1 x SD-3</td> <td>1 x SL-4</td> </tr> <tr> <td colspan="2">Metal case</td> </tr> </table>	1 x SA-3	1 x SD-5	1 x SA-5	1 x SF-3	1 x SC-3	1 x SF-5	1 x SC-5	1 x SG-5	1 x SD-3	1 x SL-4	Metal case	
1 x SA-3	1 x SD-5												
1 x SA-5	1 x SF-3												
1 x SC-3	1 x SF-5												
1 x SC-5	1 x SG-5												
1 x SD-3	1 x SL-4												
Metal case													

## CLEANING WHEELS

Replace wire wheels and flap wheels, files, hand scrapers and other non-woven abrasives.



Dia. x width x bore	Type	Ref.	Order #	RPM	Opt. RPM
4 x 1/2 x 1/4"	1	WF26904	69908034228	6,000	3,000
4 x 1/2 x 1/2"	1	AMDC100	69908034056	6,000	n/a
6 x 1/2 x 1/2" bore	1	AMDC150	69908034057	4,000	n/a
4 1/2 x 7/8"	27	AMCP115	69908034054	10,500	6,500
7 x 7/8"	27	AMCP180	69908034055	6,600	4,000

ARBORS for	Ref.	Order #
WF26904 - 1/4" bore x 1/4" shank	WF326992	69908034229
AMDC100 & AMDC150 - Flanged 1/2 x 1/4" shank	WF326994	69908034230

## TRIM-CUT DISCS



### TRIM-CUT FLAT DISCS

Flat high-speed flexible surface conditioning discs with quick-change mandrels and adaptors for use with drills, high-speed pneumatic sanders, angle and die grinders.

**Boxes of 25**

TRIM-CUT DISCS								
GRIT	24		36		60		120	
Dia.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #
<b>ALUMINIUM OXIDE</b>								
3"	G241302	69908032221	G241303	69908032222	G241305	69908032223	G241308	69908032224
5"	G241502	69908032227	G241503	69908032228	G241505	69908032350	G241508	69908032230
<b>SILICON CARBIDE</b>								
3"	-	-	G243303	69908032231	G243305	69908032232	G243308	69908032352
5"	-	-	G243503	69908032233	G243505	69908032354	G243508	69908032355



### TRIM-CUT MANDRELS & ADAPTORS

Size	Description	Ref.	Order #
1/4"	Round mandrel	G54909985	69908032410
1/4"	Hex mandrel	G54909930	69908032275
3/8 - 24	Adaptor	G54909970	69908032277

Size	Description	Ref.	Order #
7/16 - 20	Adaptor	G54909965	69908032276
M10 - 1.25	Adaptor	G54909925	69908032274
M10 - 1.50	Adaptor	G54909920	69908032273

## NON-WOVEN ABRASIVES

### HAND PADS

Made from synthetic fibres, bonded together with specially formulated resins and impregnated with specially processed mineral grain creating an open, three dimensional structure.



- Cleaning
- Polishing
- Scuffing
- Finishing
- Paint and rust removal

Length x width	Description	Pack	Ref.	Order #
6 x 9"	Tan - Heavy Duty	20	G23819	69908034195
6 x 9"	Green - Coarse	20	G23814	69908034193
6 x 9"	Maroon - Medium	20	G23812	69908034191
6 x 9"	Grey - Ultra Fine	20	G23813	69908034192
6 x 9"	White - Non Abrasive	20	G23815	69908034194



## FLAP WHEELS

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**

### FEIN MOUNTED FLAP WHEELS 1/4" SHANK

Manufactured with aluminium oxide grain on an X-weight cotton backing for superior durability and greater flexibility. For die grinders, straight grinders and drills. **Boxes of 10.**



**For 1/8" shank, see page 119.**

GRIT Dia. x W.	A40		A60		A80		A120		RPM
	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #	
3/4 x 3/4"	WF10142	69908032798	WF10144	69908032607	WF10145	69908032608	WF10147	69908032609	35,000
1 x 1/2"	WF10182	69908032613	WF10184	69908032614	WF10185	69908032615	WF10187	69908032616	30,000
1 x 1"	WF10242	69908032620	WF10244	69908032621	WF10245	69908032622	WF10247	69908032623	30,000
1 3/16 x 1/2"	WF10342	69908032795	WF10344	69908032796	WF10345	69908032627	WF10347	69908032628	30,000
1 1/2 x 1/2"	WF10382	69908032631	WF10384	69908032632	WF10385	69908032633	WF10387	69908032634	30,000
1 1/2 x 3/4"	WF10402	69908032798	WF10404	69908032638	WF10405	69908032639	WF10407	69908032799	30,000
1 1/2 x 1"	WF10422	69908032640	WF10424	69908032641	WF10425	69908032642	WF10427	69908032643	30,000
2 x 1/2"	WF10462	69908032647	WF10464	69908032648	WF10465	69908032649	WF10467	69908032650	25,000
2 x 3/4"	WF10502	69908032803	WF10504	69908032652	WF10505	69908032793	WF10507	69908032804	25,000
2 x 1"	WF10522	69908032653	WF10524	69908032654	WF10525	69908032655	WF10527	69908032656	25,000
2 1/2 x 1/2"	WF10622	69908032660	WF10624	69908032661	WF10625	69908032662	WF10627	69908032663	23,000
2 1/2 x 1"	WF10662	69908032667	WF10664	69908032668	WF10665	69908032669	WF10667	69908032670	23,000
3 x 1/2"	WF10722	69908032672	WF10724	69908032673	WF10725	69908032674	WF10727	69908032675	20,000
3 x 3/4"	WF10762	69908032812	WF10764	69908032677	WF10765	69908032678	WF10767	69908032679	20,000
3 x 1"	WF10782	69908032681	WF10784	69908032682	WF10785	69908032683	WF10787	69908032684	20,000
3 x 2"	WF10822	69908032686	WF10824	69908032687	WF10825	69908032688	WF10827	69908032689	12,000

### FEIN INTERLEAF FINISHING FLAP WHEELS 1/4" SHANK

Alternating flaps of abrasive cloth and non-woven finishing material provides some stock removal while leaving a brushed finish. One-step deburring and finishing. For die grinders, straight grinders and drills. **Boxes of 10.**



GRIT Dia. x W.	A 80 MEDIUM		A 120 MEDIUM		A 150 FINE		RPM
	Ref.	Order #	Ref.	Order #	Ref.	Order #	
1 x 1"	WF17185	69908032742	WF17187	69908032743	WF17188	69908032744	15,000
2 x 1"	WF17525	69908032747	WF17527	69908032748	WF17528	69908032749	13,700
2 x 2"	WF17585	69908032752	WF17587	69908032753	WF17588	69908032754	13,700
3 x 1/2"	WF17745	69908032757	WF17747	69908032758	WF17748	69908032759	8,600
3 x 1"	WF17805	69908032762	WF17807	69908032763	WF17808	69908032764	8,600
3 x 2"	WF17865	69908032767	WF17867	69908032768	WF17868	69908032769	8,600



# FEIN ABRASIVES

## FLAP WHEELS

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**

### FEIN MOUNTED FLAP WHEELS 1/4" SHANK

Manufactured with aluminium oxide grain on an X-weight cotton backing for superior durability and greater flexibility. For die grinders, straight grinders and drills. **Boxes of 10.**



**For 1/8" shank, see page 119.**

GRIT Dia. x W.	A180		A240		A320		RPM
	Ref.	Order #	Ref.	Order #	Ref.	Order #	
3/4 x 3/4"	WF10149	69908032610	WF10150	69908032611	WF10151	69908032612	35,000
1 x 1/2"	WF10189	69908032617	WF10190	69908032618	WF10191	69908032619	30,000
1 x 1"	WF10249	69908032624	WF10250	69908032797	WF10251	69908032626	30,000
1 3/16 x 1/2"	WF10349	69908032629	WF10350	69908032800	WF10351	69908032630	30,000
1 1/2 x 1/2"	WF10389	69908032635	WF10390	69908032636	WF10391	69908032637	30,000
1 1/2 x 3/4"	WF10409	69908032800	WF10410	69908032801	WF10411	69908032604	30,000
1 1/2 x 1"	WF10429	69908032644	WF10430	69908032645	WF10431	69908032646	30,000
2 x 1/2"	WF10469	69908032651	WF10470	69908032605	WF10471	69908032802	25,000
2 x 3/4"	WF10509	69908032805	WF10510	69908032806	WF10511	69908032807	25,000
2 x 1"	WF10529	69908032657	WF10530	69908032658	WF10531	69908032659	25,000
2 1/2 x 1/2"	WF10629	69908032664	WF10630	69908032665	WF10631	69908032666	23,000
2 1/2 x 1"	WF10669	69908032671	WF10670	69908032808	WF10671	69908032809	23,000
3 x 1/2"	WF10729	69908032676	WF10730	69908032810	WF10731	69908032811	20,000
3 x 3/4"	WF10769	69908032680	WF10770	69908032813	WF10771	69908032814	20,000
3 x 1"	WF10789	69908032685	WF10790	69908032815	WF10791	69908032816	20,000
3 x 2"	WF10829	69908032690	WF10830	69908032817	WF10831	69908032818	12,000

### FEIN INTERLEAF FINISHING FLAP WHEELS 1/4" SHANK

Alternating flaps of abrasive cloth and non-woven finishing material provides some stock removal while leaving a brushed finish. One-step deburring and finishing. For die grinders, straight grinders and drills.

**Boxes of 10.**



GRIT Dia. x W.	A 180 EXTRA-FINE		A 240 EXTRA-FINE		RPM	Box
	Ref.	Order #	Ref.	Order #		
1 x 1"	WF17189	69908032745	WF17190	69908032746	15,000	10
2 x 1"	WF17529	69908032750	WF17530	69908032751	13,700	10
2 x 2"	WF17589	69908032755	WF17590	69908032756	13,700	10
3 x 1/2"	WF17749	69908032760	WF17750	69908032761	8,600	10
3 x 1"	WF17809	69908032765	WF17810	69908032766	8,600	10
3 x 2"	WF17869	69908032770	WF17870	69908032771	8,600	10



## FLAP WHEELS

FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.

### MOUNTED FELT POLISHING FLAP WHEELS - 1/4" SHANK

Soft wool felt flaps produce up to a mirror finish.

GRIT	SOFT		MEDIUM		Opt. RPM	Max. RPM	Box
Dia. x W.	Ref.	Order #	Ref.	Order #			
1 x 1"	WF120621	69908034213	WF120622	69908034214	7,600	15,000	10
2 x 1"	WF120661	69908034215	WF120662	69908034216	3,800	13,700	10
3 x 1"	WF120681	69908034217	WF120682	69908034218	2,400	8,000	10
3 x 2"	WF120701	69908034219	WF120702	69908034220	2,400	8,000	10



### MOUNTED FELT POLISHING FLAP BRUSHES

Felt flaps are slit lengthwise for even greater flexibility on irregular shapes and contours.

GRIT	SOFT		MEDIUM		Opt. RPM	Max. RPM	Box
Dia. x W.	Ref.	Order #	Ref.	Order #			
2 x 1"	WF120761	69908034221	WF120762	69908034222	3,800	13,700	10
3 x 1"	WF120781	69908034223	WF120782	69908034224	2,400	8,600	10



### THREADED FLAP WHEELS

Threaded abrasive flap wheels have a 5/8-11 threaded arbor for quick mounting on 5" angle grinders. Recommended for weld dressing, removing rust, paint, coatings and heat discoloration. Good for general purpose grinding on steel and stainless workpiece contours.

Dia. x W.	Ref.	Order #	Grit	Arbor	RPM	Box
5 x 3/4"	WF325370	69908031636	40	5/8-11	12,200	5
5 x 3/4"	WF325372	69908031637	80	5/8-11	12,200	5



### NON-WOVEN FINISHING FLAP WHEELS - 1/4" SHANK

Non-aggressive nylon material provides a smooth surface finish. For die grinders, straight grinders and drills. **Boxes of 10.**

GRIT	A COARSE		A MEDIUM		A FINE		A EXTRA-FINE		RPM
Dia. x W.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #	
1 x 1"	WF20090	69908032772	WF20091	69908032773	WF20092	69908032774	WF20093	69908032775	15,000
2 x 1"	WF20260	69908032776	WF20261	69908032777	WF20262	69908032778	WF20263	69908032779	13,700
2 x 2"	WF20290	69908032780	WF20291	69908032781	WF20292	69908032782	WF20293	69908032783	13,700
3 x 1"	WF20400	69908032784	WF20401	69908032785	WF20402	69908032786	WF20403	69908032787	8,600
3 x 2"	WF20430	69908032788	WF20431	69908032789	WF20432	69908032790	WF20433	69908032791	8,600





## FLAP WHEELS

**FEIN High Performance Abrasive Flap Wheels for grinding, deburring, blending and finishing.**



Boxes of 10

### MOUNTED FLAP WHEELS - 1/8" SHANK

Small 1/8" shank high quality mini flap wheels, ideal for detailed finishing, hard-to-reach applications, and tooling and die maintenance.

GRIT	A60		A80		A120		RPM
Dia. x W.	Ref.	Order #	Ref.	Order #	Ref.	Order #	
3/8 x 3/8"	WF12004	69908032691	WF12005	69908032692	WF12007	69908032694	40,000
5/8 x 5/8"	WF12024	69908032699	WF12025	69908032700	WF12027	69908032701	40,000
5/8 x 3/4"	WF12044	69908032706	WF12045	69908032707	WF12047	69908032708	40,000
3/4 x 3/8"	-	-	WF12085	69908032712	WF12087	69908032713	35,000
3/4 x 1/2"	WF12104	69908032717	WF12105	69908032718	WF12107	69908032719	35,000
3/4 x 5/8"	-	-	WF12125	69908032723	WF12127	69908032724	35,000
3/4 x 3/4"	WF12144	69908032727	WF12145	69908032728	WF12147	69908032730	35,000

GRIT	A180		A240		A320		RPM
Dia. x W.	Ref.	Order #	Ref.	Order #	Ref.	Order #	
3/8 x 3/8"	WF12009	69908032696	WF12010	69908032697	WF12011	69908032698	40,000
5/8 x 5/8"	WF12029	69908032703	WF12030	69908032704	WF12031	69908032705	40,000
5/8 x 3/4"	WF12049	69908032709	WF12050	69908032710	WF12051	69908032711	40,000
3/4 x 3/8"	WF12089	69908032714	WF12090	69908032715	WF12091	69908032716	35,000
3/4 x 1/2"	WF12109	69908032720	WF12110	69908032721	WF12111	69908032722	35,000
3/4 x 5/8"	WF12129	69908032819	WF12130	69908032820	WF12131	69908032725	35,000
3/4 x 3/4"	WF12149	69908032731	WF12150	69908032732	WF12151	69908032733	35,000

### SMALL DIAMETER ZIRCONIA FLAP BANDS

For aggressive stock removal in confined spaces. Also excellent for grinding and finishing inside pipes and tubing. Zirconia grain for added durability. More aggressive on stainless steel.



GRIT	ZA40		ZA60		ZA80		Box
Dia. x arbor	Ref.	Order #	Ref.	Order #	Ref.	Order #	
1 3/4 x 3/4"	WF151022	69908032734	WF151024	69908032735	WF151025	69908032822	10
1 3/4 x 1 3/16"	WF151162	69908032736	WF151164	69908032737	WF151165	69908032738	10
2 1/2 x 1 3/16"	WF151262	69908032739	WF151264	69908032740	WF151265	69908032741	10
3 x 1 3/16"	WF151342	69908032823	WF151344	69908032824	WF151345	69908032825	10

### RUBBER EXPANDING DRUMS

Expanding drums with shaft for use with small flap bands.

1/4" shank



For size	Ref.	Order #	Pack
1 3/4 x 3/4"	WF150950	69908034225	1
1 3/4 x 1 3/16"	WF150954	69908034226	1
2 1/2 x 1 3/16"	WF150956	69908034227	1
3 x 1 3/16"	WF150958	69908032821	1



## RESIN FIBRE DISCS

FEIN Resin Fibre Discs below are continued on page 121.

### ALUMINIUM OXIDE HIGH PERFORMANCE

Low cost general purpose industrial quality for overall economy with good performance. Contains no halogen producing grinding additives.

### ALUMINIUM OXIDE PREMIUM

Long life, premium performance. A blend of advanced abrasive alloys and bonding agents, ideal for high stock removal and when cool cutting action is required.

### SILICON CARBIDE

Designed for stone, terazzo, ceramic and non-ferrous metal stock removal. Premium silicon carbide grit means fast grinding action on non-ferrous metal.

### BLUE ZIRCONIA ULTIMATE

Very hard zirconium abrasive alloy sharpens itself during use, for outstanding grinding rates and long life. Ideal for high production applications.



GRIT	16		24		36		50	
Dia. x arbor	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #
<b>ALUMINIUM OXIDE HIGH PERFORMANCE</b>								
4 x 5/8"	G201401	69908032295	G201402	69908032102	G201403	69908032296	G201404	69908032104
4½ x 7/8"	G201451	69908032109	G201452	69908032110	G201453	69908032111	G201454	69908032297
5 x 7/8"	G201501	69908032117	G201502	69908032118	G201503	69908032119	G201504	69908032120
7 x 7/8"	G201701	69908032125	G201702	69908032126	G201703	69908032127	G201704	69908032298
9 x 7/8"	G201901	69908032299	G201902	69908032300	G201903	69908032301	G201904	69908032132
<b>ALUMINIUM OXIDE PREMIUM</b>								
4 x 5/8"	G202401	69908032305	G202402	69908032306	G202403	69908032134	G202404	69908032135
4½ x 7/8"	G202451	69908032139	G202452	69908032140	G202453	69908032141	G202454	69908032142
5 x 7/8"	G202501	69908032310	G202502	69908032311	G202503	69908032312	G202504	69908032148
7 x 7/8"	G202701	69908032153	G202702	69908032154	G202703	69908032155	G202704	69908032156
9 x 7/8"	G202901	69908032314	G202902	69908032315	G202903	69908032316	G202904	69908032317
<b>BLUE ZIRCONIA ULTIMATE</b>								
4 x 5/8"	G205401	69908032322	G205402	69908032177	G205403	69908032323	G205404	69908032324
4½ x 7/8"	G205451	69908032326	G205452	69908032180	G205453	69908032181	G205454	69908032182
5 x 7/8"	G205501	69908032185	G205502	69908032186	G205503	69908032187	G205504	69908032188
7 x 7/8"	G205701	69908032328	G205702	69908032191	G205703	69908032192	G205704	69908032193
9 x 7/8"	G205901	69908032329	G205902	69908032196	G205903	69908032197	G205904	69908032330
<b>SILICON CARBIDE</b>								
5 x 7/8"	-	-	G203502	69908032162	-	-	-	-
7 x 7/8"	G203701	69908032163	G203702	69908032164	G203703	69908032165	G203704	69908032166
<b>Boxes of 25 or cases of 100 (4 x 25)</b>								

## RESIN FIBRE DISCS

FEIN Resin Fibre Discs continued from page 120.



**SPIRAL AIR- COOLED BACKING PADS for fibre discs**  
Centre nut is not included.

Size in.	Ref.	Order #	Description	Pack
4"	G70040009	69908032411	Spiral backing pad	1
4½"	G70045009	69908032284	Spiral backing pad	1
5"	G70050019	69908032285	Spiral backing pad	1
7"	G70070006	69908032286	Spiral backing pad	1
5/8-11	G90000065	69908032288	Depressed centre nut	1
5/8-11	G90000037	69908032287	Standard centre nut	1

GRIT	60		80		100		120	
	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #
<b>ALUMINIUM OXIDE HIGH PERFORMANCE</b>								
4 x 5/8"	G201405	69908032105	G201406	69908032106	G201407	69908032107	G201408	69908032108
4½ x 7/8"	G201455	69908032113	G201456	69908032114	G201457	69908032115	G201458	69908032116
5 x 7/8"	G201505	69908032121	G201506	69908032122	G201507	69908032123	G201508	69908032124
7 x 7/8"	G201705	69908032128	G201706	69908032129	G201707	69908032130	G201708	69908032131
9 x 7/8"	G201905	69908032302	G201906	69908032303	G201907	69908032294	G201908	69908032304
<b>ALUMINIUM OXIDE PREMIUM</b>								
4 x 5/8"	G202405	69908032307	G202406	69908032136	G202407	69908032137	G202408	69908032138
4½ x 7/8"	G202455	69908032143	G202456	69908032144	G202457	69908032308	G202458	69908032309
5 x 7/8"	G202505	69908032149	G202506	69908032150	G202507	69908032313	G202508	69908032152
7 x 7/8"	G202705	69908032157	G202706	69908032158	G202707	69908032159	G202708	69908032160
9 x 7/8"	G202905	69908032318	G202906	69908032319	G202907	69908032320	G202908	69908032321
<b>BLUE ZIRCONIA ULTIMATE</b>								
4 x 5/8"	G205405	69908032179	G205406	69908032325	-	-	-	-
4½ x 7/8"	G205455	69908032183	G205456	69908032327	-	-	-	-
5 x 7/8"	G205505	69908032189	G205506	69908032190	-	-	-	-
7 x 7/8"	G205705	69908032194	G205706	69908032195	-	-	-	-
9 x 7/8"	G205905	69908032331	G205906	69908032332	-	-	-	-
<b>Boxes of 25 or cases of 100 (4 x 25)</b>								



## RESIN FIBRE DISCS

### PMD SUPREME

Premium Metal Disc: Ceramic resin fibre disc for use on stainless steels and other alloys for maximum performance, very high stock removal, and long life. 100% ceramic grain, top coat with grinding and cooling aid.



1½ to 3" Boxes of 50  
4½ to 9" Boxes of 25 or cases of 100 (4 x 25)

GRIT	16		24		36		50	
Dia.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #
1½"	-	-	G307152	69908032379	G307153	69908032380	G307154	69908032381
2"	-	-	G307202	69908032386	G307203	69908032387	G307204	69908032388
3"	-	-	G307302	69908032393	G307303	69908032269	G307304	69908032394
2" Type R	-	-	G308202	69908032399	G308203	69908032400	G308204	69908032270
3" Type R	-	-	G308302	69908032405	G308303	69908032271	G308304	69908032406
4½" x 7/8	G20945100	69908032333	G20945200	69908032290	G20945300	69908032291	G20945400	69908032334
5" x 7/8	G20950100	69908032336	G20950200	69908032292	G20950300	69908032206	G20950400	69908032337
7" x 7/8	G20970100	69908032340	G20970200	69908032209	G20970300	69908032293	G20970400	69908032210
9" x 7/8	G20990100	69908032342	G20990200	69908032343	G20990300	69908032344	G20990400	69908032345

GRIT	60		80		100		120	
Dia.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #
1½"	G307155	69908032382	G307156	69908032383	G307157	69908032384	G307158	69908032385
2"	G307205	69908032389	G307206	69908032390	G307207	69908032391	G307208	69908032392
3"	G307305	69908032395	G307306	69908032396	G307307	69908032397	G307308	69908032398
2" Type R	G308205	69908032401	G308206	69908032402	G308207	69908032403	G308208	69908032404
3" Type R	G308305	69908032272	G308306	69908032407	G308307	69908032408	G308308	69908032409
4½" x 7/8	G20945500	69908032203	G20945600	69908032204	G20945700	69908032335	G20945800	69908032205
5" x 7/8	G20950500	69908032207	G20950600	69908032208	G20950700	69908032338	G20950800	69908032339
7" x 7/8	G20970500	69908032211	G20970600	69908032212	G20970700	69908032341	G20970800	69908032213
9" x 7/8	G20990500	69908032346	G20990600	69908032347	G20990700	69908032348	G20990800	69908032349

## UNITIZED WHEELS

### FEIN UNITIZED FINISHING DISCS

Fibreglass backing for light blending, deburring and finishing. Abrasive grain impregnated throughout a medium density non-woven disc. Unitized material is conformable to the surface and works with light pressure allowing the operator to achieve a smooth, bright surface finish on stainless steel or aluminium. Available in three grades to meet most job applications.



Dia. x arbor	Ref.	Order #	Type	Grit	Max. RPM	Opt. RPM	Box
5 x 7/8"	WF45834	69908034231	Aluminium oxide	5A-Coarse	9,800	4,000	5
5 x 7/8"	WF45837	69908034232	Silicone carbide	5S-Medium	9,800	4,000	5
5 x 7/8"	WF45838	69908034233	Silicone carbide	5S-Fine	9,800	4,000	5

## SURFACE CONDITIONING DISCS

### HOOK & LOOP SURFACE CONDITIONING DISCS

Produce an excellent finish on a wide variety of materials in many different surface conditioning applications.

GRIT	VERY FINE - GREY		FINE - BLUE		MEDIUM - MAROON		COARSE - GOLD		
Dia.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #	Box
<b>PMD SUPREME - VELCRO</b>									
1½"	G25115954	69908032361	G25115924	69908032360	G25115904	69908032358	G25115854	69908032357	50
2"	G25120954	69908032245	G25120924	69908032243	G25120904	69908032363	G25120854	69908032240	50
3"	G25130954	69908032368	G25130924	69908032367	G25130904	69908032366	G25130854	69908032365	25
4"	G25140954	69908032257	G25140924	69908032370	G25140904	69908032256	G25140854	69908032254	25
4½"	G25145954	69908032374	G25145924	69908032260	G25145904	69908032259	G25145854	69908032373	25
5"	G25150954	69908032265	G25150924	69908032264	G25150904	69908032263	G25150854	69908032262	25
7"	G25170954	69908032378	G25170924	69908032377	G25170904	69908032376	G25170854	69908032266	25
<b>PMD SUPREME - TYPE R</b>									
1½"	G25115953	69908032237	G25115923	69908032359	G25115903	69908032236	G25115853	69908032235	50
2"	G25120953	69908032244	G25120923	69908032242	G25120903	69908032241	G25120853	69908032239	50
3"	G25130953	69908032250	G25130923	69908032249	G25130903	69908032248	G25130853	69908032247	25
4"	G25140953	69908032371	G25140923	69908032369	G25140903	69908032255	G25140853	69908032253	25

GRIT	EXTRA-COARSE - BROWN		
Dia.	Ref.	Order #	Box
<b>PMD SUPREME - VELCRO</b>			
1½"	G25115804	69908032356	50
2"	G25120804	69908032362	50
3"	G25130804	69908032364	25
4"	G25140804	69908032252	25
4½"	G25145804	69908032372	25
5"	G25150804	69908032261	25
7"	G25170804	69908032375	25
<b>PMD SUPREME - TYPE R</b>			
1½"	G25115803	69908032234	50
2"	G25120803	69908032238	50
3"	G25130803	69908032246	25
4"	G25140803	69908032251	25

9" size is also available

### POLI-FLEECE DISC HOLDERS Rapid Change Type R

Also available in Type "N"

Use for high speed deburring, polishing, finishing and cleaning.

Also blending of scratch patterns and removal of weld discoloration, rust and oxidation.



### Locking Styles

- Velcro: Velcro Adhesive
- Type R: Quick-Change Roloc
- Type N: Quick-Change Metal

Size in.	Ref.	Order #	Style	Box
1½"	G70015001	69908032279	Type R Roloc	1
2"	G70020003	69908032281	Type R Roloc	1
3"	G70030001	69908032282	Type R Roloc	1
4"	G70040011	69908032283	Type R Roloc	1



# TOOL GLOSSARY BY MODEL

Model	Order #	Pg
7¼" Metal Cutting Saw	69908120000	69
9" Metal Cutting Saw	69908120001	69
14" Metal Cutting Saw	72905361120	69
ABH 18	71400164090	88
ABLK 18 1.3 CSE SELECT	71320561000	88
ABLK 18 1.3 TE SELECT	71320661000	88
ABLK 18 1.6 E SELECT	71320461000	88
ABLS 18 1.6 E SELECT	71300461000	88
ABOP 10 SELECT	71050262000	87
ABOP 13-2 SELECT	71050362000	87
ABOP 6 SELECT	71050162000	87
ABS 18 QC SELECT	71132264000	84
ABS 18 QC BASIC SET	71132262090	84
ABSS 18 1.6 E SELECT	71300361000	88
ABSU 12 C SELECT	71132064000	81
ABSU 12 C BASIC SET	71132061090	81
ABSU 12 W4C SELECT	71132164000	81
ABSU 12 W4C BASIC SET	71132161090	81
AFMM 18 QSL SELECT	71292262000	89
AFMM 18 QSL FULL SET	71292261090	89
AFMT 12 QSL SELECT	71292562000	80
AFMT 12 QSL START	71292561090	80
AFMT 12 SL START	71292661090	80
AFSC 18 QSL SELECT	71292760000	89
AFSC 18 QSL BASIC SET	71292761090	89
AFSC 18 QCSL BASIC SET	71292762090	89
AGSZ 18-280 BL SELECT	71230162090	83
AGSZ 18-280 BL BASIC SET	71230161090	83
AGSZ 18-280 LBL SELECT	71230262090	83
AGSZ 18-280 LBL BASIC SET	71230261090	83
AGSZ 18-90 LBL SELECT	71230362090	83
AGSZ 18-90 LBL BASIC SET	71230361090	83
AGWP 10 SELECT	71090162000	82
AJMU 137-2 PMQW SET	71700261090	9,82
AJMU 137-2 PMQW SELECT	71700262090	9,82
ASB 18 QC SELECT	71132364000	84
ASB 18 QC BASIC	71132362090	84
ASCD 12-150 W8C SELECT	71150464000	81
ASCD 12-150 W8C BASIC SET	71150461090	81
ASCD 12-150 W4C SELECT	71150564000	81
ASCD 12-150 W4C BASIC SET	71150561090	81
ASCD 12-100 W4C SELECT	71150364000	81
ASCD 12-100 W4C BASIC SET	71150361090	81
ASCD 18-300 W2 SELECT	71150664000	86
ASCD 18-300 W2 BASIC SET	71150661090	86
ASCD 18-200 W4 SELECT	71150764000	86
ASCD 18-200 W4 BASIC SET	71150761090	86
ASCM 12 QC SELECT	71161064000	81
ASCM 12 QC BASIC SET	71161061090	81
ASCM 18 QM SELECT	71161164000	84
ASCM 18 QM BASIC SET	71161161090	84
ASCS 6.3 SELECT	71131163000	87

Model	Order #	Pg
ASCT 18 SELECT	71131665000	87
ASCT 18 M SELECT	71131664000	87
ASTXE 649-1	72342309360	67
AWBP 10 SELECT	71050462000	87
B10 ELECTRA	69908030014	70
B15 ELECTRA	69908030015	70
BF 10-280E	72280551090	45
BLK 1.3 CSE	72324260120	72
BLK 1.6 E	72323860120	72
BLK 1.6 LE	72323960120	72
BLK 2.0 E	72324060120	72
BLK 3.5	72323012635	72
BLK 5.0	72323112634	72
BLS 1.6 E	72303461090	73
BLS 2.5 E	72303561090	73
BLS 3.5	72302312633	73
BLS 4.2	72302412639	73
BOP 10-2	72054551070	76
BOP 13-2	72055560090	76
BOP 6	72054351070	76
BSS 1.6 CE	72303261090	73
BSS 1.6 E	72303161090	73
BSS 2.0 E	72303361090	73
CCG 18-115BL SELECT	71200162090	83
CCG 18-115BL BASIC SET	71200161090	83
CCG 18-115 BLPD SELECT	71200362090	83
CCG 18-115 BLPD BASIC SET	71200361090	83
CCG 18-125BL SELECT	71200262090	83
CCG 18-125BL BASIC SET	71200261090	83
CCG 18-125 BLPD SELECT	71200462090	83
CCG 18-125 BLPD BASIC SET	71200461090	83
E10015b FlexShaft	69908030208	57
GHB 15-50	79030109124	41
GHB 15-50 INOX	79030209124	41
GHBD	99001012000	42
GHBK	99001012040	42
GIBM	99001012010	42
GHBR	99001012020	42
GI 150	79020409573	92
GI 150 2H	79020509573	92
GI 150 2H 2V	79020509233	92
GI 150 2V	79020409233	92
GI 75	79020109573	92
GI 75 2H	79020209573	92
GI 75 2H 2V	79020209233	92
GI 75 2V	79020109233	92
GIB	99001003000	92
GIBE	99001004100	92
GIBE 2V	99001004000	92
GIC	79021209573	94
GIC 2V	79021200233	94
GIL	79020809573	93

# TOOL GLOSSARY BY MODEL



Model	Order #	Pg
GIL 2V	79020800403	93
GIMS 150	79021409573	92
GIMS 150 2V	79021900233	92
GIMS 75	79021309573	92
GIMS 75 2V	79021300233	92
GIR	99001007001	93
GIXS	99001002000	97
GKS 75 EF	79050209232	101
GSZ 11-90 PERL	72232360090	61
GSZ 11-320 PERL	72232260090	61
GSZ 4-280 EL	72232460090	61
GSZ 4-90 EL	72232560090	61
GSZ 8-280 P	72231660090	61
GSZ 8-280 PE	72231760090	61
GSZ 8-280 PEL	72231960090	61
GSZ 8-90 PEL	72232060090	61
GWP 10	72093860090	75
GX 75 2H	79013209573	96
GX 75 2H 2V	79012259233	96
GXC	79012309573	97
GXC 2V	79012300443	97
GXE	79010509573	97
GXE 2V	79010500233	97
GXR	99001001001	97
GXW	79010409573	94,97
GXW 2V	79010412443	94,97
IBS 16	90320223000	75
JCM200 AUTO	72704661120	11
JCM200QX	72704561120	10
JCM200U	72704461120	10
JCM256U	72704761120	10
JCM 312 AUTO	72703961120	11
JHM Holemaker II	72725561120	12
JHM Magforce	72725361127	13
JHM ShortSlugger	72725161124	12
JHM USA101	72725261124	12

Model	Order #	Pg
JHM USA5	72725461124	12
JMC USA90	72721561120	13
JME Holemaker III	72705961090	12
JMU 137 QW	72705461120	8
JMU 137-2 QW	72705861120	8
JMU 137 MQW	72705661120	8
KBH 25-2U	72710361090	17,74
KBH 25 S	72710461090	17
KS 10-38E	72216760090	44
MSF 636-1	72207813110	62
RS 10-70E	72216660090	46
RS 12-70E	72211351035	46
RBSV 650	69908030272	48
STS 325 R	75340813000	67
TURBO I 92027	92027236090	64
TURBO I 92027 SET	92027060090	64
TURBO II 92028	92028236090	64
TURBO II 92028 SET	92028060090	64
TURBO II 92028 HEPA	92028236990	64
TURBO II 92028 HEPA SET	92028060990	64
TURBO X 92029 SET	92029060090	63
TURBO X AC 92030 SET	92030060090	63
TURBO X AC 92030 HEPA SET	92030060990	63
WPO 14-15E	72214812360	49
WPO 14-25E	72214912360	49,50
WPO 14-25E BASIC SET	69908030007	49
WPO 14-25E INLINE SET	69908030008	50
WPO 14-25E MIRROR SET	69908030009	50
WPO 14-25E SATIN SET	69908030010	50
WSG 11-125	72217760090	59
WSG 11-125 R	72218660090	58
WSG 11-125 RT	72218760090	58
WSG 11-150	72218560090	59
WSG 11-150 R	72218860090	58
WSG 11-150 RT	72218960090	58
WSG 17-125 P	72220760090	59
WSG 17-125 PR	72221860090	58
WSG 17-125 PRT	72221960090	58
WSG 17-150 P	72221160090	59
WSG 17-150 PR	72222060090	58
WSG 17-150 PRT	72222160090	58
WSG 20-180	72210709637	58
WSG 20-230	72210809633	58
WSG 7-115	72219760390	60
WSG 7-115 PT	72223160120	60
WSG 8-115	72217360090	59
WSG 17-70 INOX	72221360090	49,59
WSG 17-70 INOX BASIC SET	69908030001	49
WSG 17-70 INOX R	72222260900	49,58
WSG 17-70 INOX RT	72222360090	58

## CORE DRILL MODEL CHANGES

### Old model

KBB40X  
KBB30X  
KBB38X  
KBB60  
KBM50 AUTO  
KBM50 Q  
KBM50 U  
KBM65 U  
KBM80 AUTO  
USA200

### New model

JHM Magforce  
JHM ShortSlugger  
JHM USA101  
JHM USA5  
JCM200 AUTO  
JCM200 QX  
JCM200 U  
JCM256 U  
JCM312 AUTO  
JHM Holemaker II

**FEIN. Unverwüstliche  
Elektrowerkzeuge.**



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