



# **FEIN METALWORKING CATALOGUE 2021**



**FEIN Canada is the declared solution provider,  
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.



## 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 CANADA PRODUCT EXPERTISE



## 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: 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: 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.



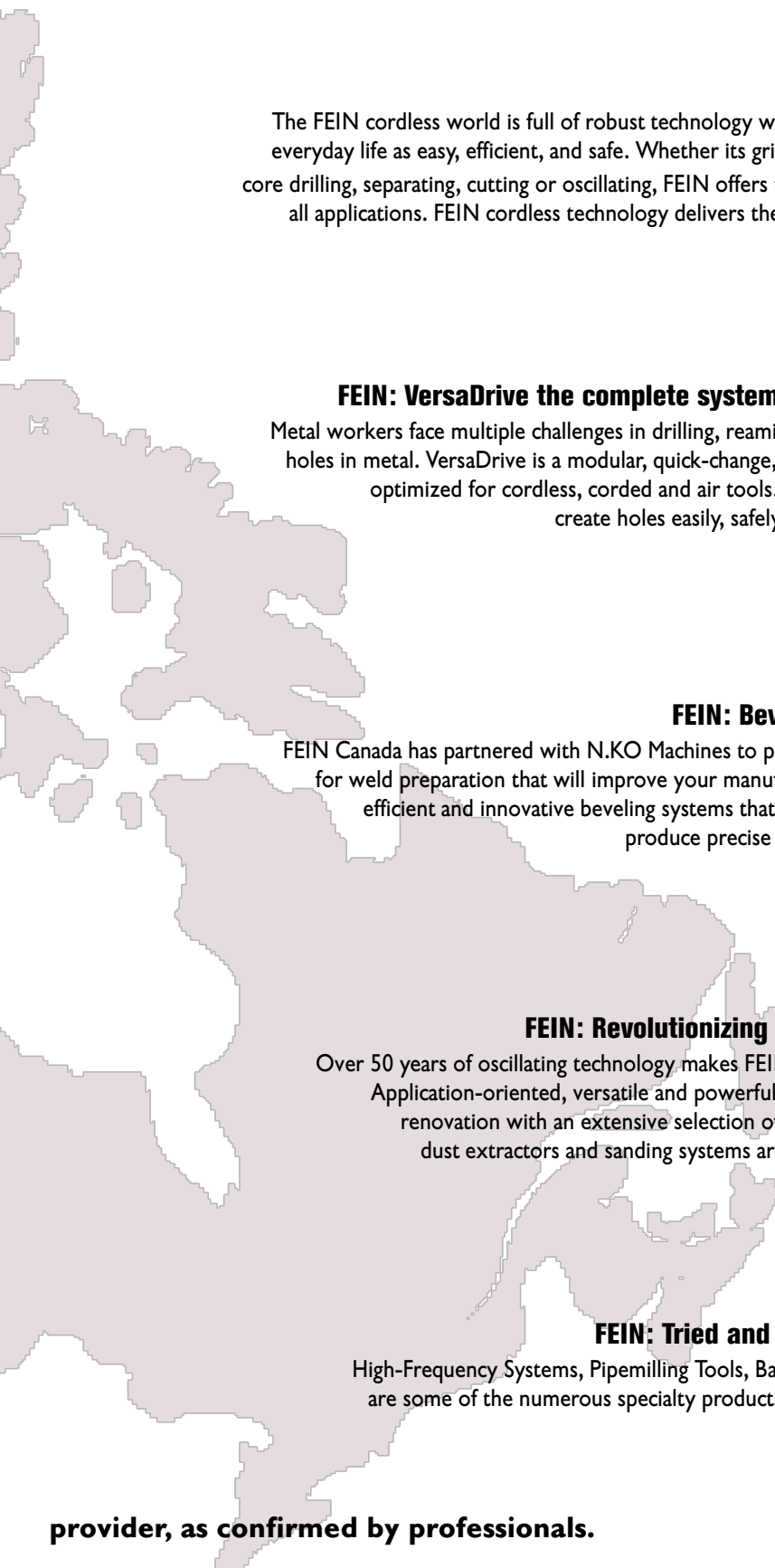
## FEIN: High performance abrasives

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 Canada is the declared solution**



## FEIN CANADA EXPERTISE



### FEIN: Cordless World

The FEIN cordless world is full of robust technology with one goal in mind: to make everyday life as easy, efficient, and safe. Whether its grinding, driving screws, drilling, core drilling, separating, cutting or oscillating, FEIN offers the ideal cordless solution for all applications. FEIN cordless technology delivers the power for top performance.



### FEIN: VersaDrive the complete system of drilling accessories

Metal workers face multiple challenges in drilling, reaming and tapping different sized holes in metal. VersaDrive is a modular, quick-change, system of cutting accessories optimized for cordless, corded and air tools. VersaDrive provides ways to create holes easily, safely, efficiently and economically.



### FEIN: Bevel without compromise

FEIN Canada has partnered with N.KO Machines to provide cost effective solutions for weld preparation that will improve your manufacturing process. High quality efficient and innovative beveling systems that lay the foundation for you to produce precise bevels and high quality welds.



### FEIN: Revolutionizing the renovation industry

Over 50 years of oscillating technology makes FEIN world leaders in oscillation. Application-oriented, versatile and powerful systems for construction and renovation 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 numerous specialty products offered by FEIN as solutions for specialized applications.



provider, as confirmed by professionals.



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## CORING / MAGNETIC DRILLING

### Profit from FEIN system expertise.

No other power tool manufacturer offers you as much experience in the core 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, Hardox or aluminium, our extensive range of annular cutters and system accessories, can provide the correct solution for every application.

### UNIVERSAL



#### Universal drills with functionality in mind

Outstanding universal performance with quality and technology to boot. The Universal series mag 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 dovetail rails for long stroke range.

### AUTOMATIC



#### Automatic for maximum efficiency and consistency

Turn coring applications into quantifiable operations featuring high throughput, increased cutter life and reduced labour hours. FEIN's patented, load sensing automatic control system provides operators with less fatigue and operations managers with years of reliable, low maintenance performance.

### COMPACT



#### 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

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.



## CORING / MAGNETIC DRILLING

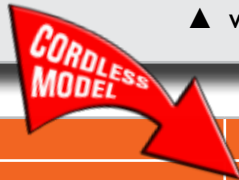


### Meet the challenge of any application

With more precision, speed and ease of use than ever before, Slugger magnetic 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.



▲ well suited    ▲▲ very well suited



Series	UNIVERSAL						AUTOMATIC
Model	AJMU137	JMU137	JCM200QX	JCM200U	JCM256U	JMU404M	JCM200 Auto
Core drilling in metal:							
up to 1 3/8" (35 mm) dia.	▲▲	▲▲					
up to 2" (50 mm) dia.			▲▲	▲▲	▲▲		▲▲
up to 2 7/16" (65 mm) dia.					▲▲		
up to 4 5/16" (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	MOBILE
Model	JME Holemaker III	JHM USA101	JME USA202M	JHM Magforce	KBH 25-2U
Core drilling in metal up to 1" (25 mm) dia.					▲▲
up to 1 3/16" (30 mm) dia.		▲▲			
up to 1 3/8" (35 mm) dia.	▲▲				
up to 1 5/8" (40 mm) dia.				▲▲	
up to 2" (50 mm) dia.			▲▲		
Twist drilling	▲▲	▲▲	▲▲		
Tapping					▲▲
Countersinking	▲▲	▲▲		▲▲	▲▲
Use of HSS annular cutters	▲▲	▲▲	▲▲	▲▲	
Use of carbide annular cutters	▲▲	▲	▲▲	▲▲	▲▲
Working in tight spaces	▲			▲▲	▲▲
Working overhead	▲	▲▲	▲▲	▲▲	▲▲
Installation work	▲▲	▲▲	▲▲	▲▲	▲▲
Workshop jobs	▲▲	▲▲	▲▲	▲▲	▲▲



## CORING / MAGNETIC DRILLING

### UNIVERSAL MAG DRILLS UP TO 1 3/8"

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

The 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.

- JMU137 QW** Variable speed
- JMU137-2 QW** Two-speed
- JMU137 MQW** Variable speed / MT 2 tool mount
- JMU137 PQW** Variable speed / Permanent magnet



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



Model		JMU137 QW	JMU137-2 QW	JMU137 MQW	JMU137 PQW
Order #		72705461120	72705861120	72705661120	72707361090
Carbide cutter max. Ø	in (mm)	1 3/8" (35)	1 3/8" (35)	1 3/8" (35)	1 3/8" (35)
HSS cutter max. Ø	in (mm)	1 3/8" (35)	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)*	2" (50)
Twist drill max. Ø	in (mm)	5/8" (16)	5/8" (16)	11/16" (18)	5/8" (16)
Tap size max.	in	9/16"	9/16"	9/16"	9/16"
Countersinking max. Ø	in (mm)	1 1/4" (31)	1 1/4" (31)	1 1/4" (31)	1 1/4" (31)
Reaming max. dia.	in (mm)	5/8" (16)	5/8" (16)	11/16" (18)	5/8" (16)
Power consumption	W	1,100	1,100	1,100	1,010
Power output	W	550	550	550	550
Load speed: 1st gear	rpm	130 - 520	130 - 520	130 - 520	130 - 520
2nd gear		-	400 - 1,600	-	-
Core bit mount (tool-free)	in	3/4" Weldon	3/4" Weldon	3/4" Weldon	3/4" Weldon
Tool mount		-	-	MT 2	-
Stroke	in (mm)	5 5/16" (135)	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)	10 1/4" (260)
Magnet holding force	lbs	2,248	2,136	2,248	2,023
Height	in	13 1/4 x 23 3/4"	13 1/2 x 24"	13 1/4 x 23 3/4"	14 1/2 x 24 1/2"
Magnetic base dimensions	in (mm)	6 7/8 x 3 1/8" (175 x 80)	7 5/16 x 2 3/4" (186 x 70)	6 7/8 x 3 1/8" (175 x 80)	7 11/16 x 2 3/4" (195 x 70)
Cable with plug	ft (m)	13 (4)	13 (4)	13 (4)	13 (4)
Weight (EPTA)	lbs (kg)	23 (10.6)	24 (11)	24 (11)	27.5 (12.5)
*optional with accessories					
Includes	Coolant tank, centering pins, chip guard, safety strap, chip hook, case, drift (JMU137 MQW only), 3-jaw chuck (JMU137-2 QW only)				

# CORING / MAGNETIC DRILLING



## UNIVERSAL CORDLESS MAG DRILL UP TO 1 3/8"

### AJMU137 – total freedom! Cordless, flexible and versatile.

Small and powerful: the cordless universal magnetic core drill meets the highest quality standards. Equipped with all the features of the corded JMU137 MQW.

**BASIC SET**  
Order # 71700261090

**Includes:** 2 batteries (HighPower Li-ion), ALG 80 rapid charger, coolant pump, 2 centering pins, chip guard, safety strap, drift, chip hook, case

**SELECT version**  
Order # 71700262090

**Includes: Tool only with case and accessories**  
(no batteries, charger or accessories)

- Maximum function for any type of work on a construction site.
- Variable speed.
- Brushless FEIN PowerDrive motor with tacho electronics.
- MT 2 tool mount.
- FEIN HighPower Li-ion battery ensures sustained work progress.
- Complete mobility and freedom.

See the Cordless section of this catalog pages 85-86 for FEIN Batteries, FEIN Chargers and 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 cutter max. Ø	in (mm)	1 3/8" (35)
HSS cutter 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)	11/16" (18)
Tap size max.	in	9/16"
Countersinking max. Ø	in (mm)	1 3/16 (30)
Reaming max. dia.	in	11/16" (18)
Load speed: 1st gear	rpm	130 - 520
Core bit mount (tool-free)	in	3/4" Weldon
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
Height	in (mm)	14 1/2 x 24 1/2" (368 x 621)
Magnetic base dimensions	in (mm)	7 11/16 x 2 3/4" (195 x 70)
Weight with battery	lbs (kg)	28.1 (12.8)

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



## CORING / MAGNETIC DRILLING

### UNIVERSAL MAG DRILLS UP TO 2<sup>9</sup>/<sub>16</sub>"

**Powerful universal two-speed reversible mag drills for a complete drilling system with functionality in mind for shop or site work.**

**JCM200 QX 2" two-speed**

Lightweight two-speed reversible mag drill for easy operation and efficient drilling in the shop or on site.

**JCM200 U 2" two-speed, MT 3 tool holder**

Powerful two-speed reversible MT 3 mag drill.

**JCM256 U 2<sup>9</sup>/<sub>16</sub>" two-speed, MT 3 tool holder**

Powerful two-speed reversible magnetic core drill with MT3 tool holder for universal and efficient working in the workshop. Up to 3" depth is possible.

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



JCM200 QX



Model		JCM200 QX	JCM200 U	JCM256 U
Order #		72704561120	72704461120	72704761120
HSS cutter max. dia.	in (mm)	1 <sup>9</sup> / <sub>16</sub> " (40)	1 <sup>9</sup> / <sub>16</sub> " (40)	1 <sup>3</sup> / <sub>4</sub> " (45)
Carbide cutter 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" (25)
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
Height	in	15 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub> "	15 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub> "	17 x 30 <sup>1</sup> / <sub>4</sub> "
Magnetic base dimensions	in	7 <sup>11</sup> / <sub>16</sub> x 3 <sup>9</sup> / <sub>16</sub> "	7 <sup>11</sup> / <sub>16</sub> x 3 <sup>9</sup> / <sub>16</sub> "	8 <sup>1</sup> / <sub>16</sub> x 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)
* 3" (75mm) with optional adaptor				
Includes	Case, safety strap, chip hook, chip guard, coolant tank, centering pins, drift (only JCM200U & JCM256U)			

## CORING / MAGNETIC DRILLING



### UNIVERSAL MAG DRILL UP TO 4"

**JMU404 M for all-in-one hole processing: core drill, twist drill, tap, countersink and ream larger diameters.**

**High-performance, long-stroke, 4-speed universal mag drill with forward/reverse running, MT4 tool mounting and maximum functionality for heavy drilling work.**

- Extremely durable design - shock and impact resistant .
- High torque for heavy-duty drilling work.
- Heavy duty FEIN 1700 W high-power motor and mechanical 4-speed gearbox.
- Extra large stroke range allows for use of very long drill accessories.
- Safety clutch separates the drive side from the output side if the tooling is jammed.
- Clockwise/counter-clockwise rotation, MT4 tool holder and speed reduction allows for versatile use in a wide range of applications.
- Tilt sensor stops tool immediately in the event of slipping or tipping.
- Pivoting motor cable.
- Integrated gravity-fed cooling lubricant system.
- Reverse + electronic speed settings + memory.
- Magnet monitoring system.

**JMU404 M includes:**

Case, safety strap, chip hook, chip guard, drift, coolant tank, centering pins, additional handle, MT4 1 1/4" Weldon straight shank arbor, MT4 1 1/4" Weldon shank arbor, MT4 1 1/4" Weldon to 3/4" Weldon adaptor, MT4 driving-out key, 2 Allen keys 5 and 6 mm



**MT 4**

Model		JMU404 M
Order #		72706061090
HSS cutter max. dia.	in (mm)	3 1/8" (80)
Carbide cutter max. dia.	in (mm)	4" (110)
Core drill max. drill depth	in (mm)	4" (100) *
Twist drill max. dia.	in (mm)	1 1/16" (40)
Tapping max.	in (mm)	1 3/8" (36)
Countersinking max. dia.	in (mm)	2 3/8" (60)
Reaming max. dia.	in (mm)	1 3/8" (36)
Power consumption	Watts	1,700
Load speed:		High / Low
1st gear	rpm	120 / 60
2nd gear	rpm	170 / 90
3rd gear	rpm	300 / 150
4th gear	rpm	430 / 230
Core bit holder		1 1/4" Weldon
Tool holder		MT 4
Stroke / Stroke range	in (mm)	11 (280) / 15 3/4" (400)
Magnetic holding force	lbs	5,171
Height	in (mm)	25 x 32" (630 x 810)
Magnetic base dimensions	in (mm)	9 1/16 x 4 3/4" (239 x 120)
Cable with plug	ft (m)	13 (4)
Weight according to EPTA	lbs (kg)	86 (39)

\* with optional adaptor



## CORING / MAGNETIC DRILLING

### AUTOMATIC MAG DRILL UP TO 2"

**Fully automatic digitally-controlled feed - get more holes done in a day with less effort.**

**JCM200 AUTO: a fully automatic, 2", two-speed, reversible mag drill with MT3 tool holder, QuickIN Weldon 3/4" mount and membrane keypad.**

- 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 MT 3 interface.
- High power motor with stable speed.
- Electronic speed control.
- Speed setting memory.
- High magnetic holding force.
- Magnet monitoring system.
- Convenient holding force gauge.
- Integrated gravity-fed cooling lubricant system.
- Tilt sensor for safe operation.
- Control pad in the field of view.
- FEIN QuickIN rapid attachment system.
- Adjustable magnetic swivel base.



**MT 3**



- Includes:**
- Carrying case
  - Safety strap
  - Chip hook
  - Chip guard
  - Coolant tank
  - Drift
  - Centering pins

Model	<b>JCM200 Auto</b>	
Order #	<b>72704661120</b>	
HSS cutter max. dia.	in (mm)	2" (50)
Carbide cutter max. dia.	in (mm)	2" (50)
Core drill max. drilling depth	in (mm)	2" (50) *
Twist drill max. dia.	in (mm)	7/8" (22) **
Tapping max.	in (mm)	5/8" (16)
Countersinking max. dia.	in (mm)	2" (50)
Reaming max. dia.	in (mm)	7/8" (22)
Power consumption	Watts	1,200
Load speed:	1st gear rpm	130 to 260
	2nd gear	260 to 520
Core bit holder	Weldon 3/4"	
Tool holder	MT 3	
Stroke	in (mm)	5 11/16" (145)
Total stroke range	in (mm)	12 3/8" (314)
Magnetic holding force	lbs	2,800
Height	in	15 1/2 x 28 3/4"
Magnetic base dimensions	in (mm)	7 11/16 x 3 9/16" (195 x 90)
Cable with plug	ft (m)	13 (4)
Weight according to EPTA	lbs (kg)	35.7 (16.2)

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

# CORING / MAGNETIC DRILLING



## COMPACT MAG DRILL UP TO 1 5/8"

**Delivers increased hole accuracy thanks to its unique internal quill. Large capacity, small footprint.**

**JHM Magforce: ideal core drilling unit for drilling work in small or tight spaces. With its unique quill system, the drill height never changes.**

- Small profile for tight-fitting areas, only 12 inches in height.
- Basic functionality for core drilling applications.
- 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		JHM Magforce
Order #		72725361127
Carbide or HSS cutter dia. max.	in (mm)	1 5/8" (40)
Cutter DOC max.	in (mm)	2" (50)
Core bit holder		Weldon 3/4"
Power	W	1,100
Load speed	rpm	280
Height	in (mm)	12" (305)
Weight (EPTA)	lbs (kg)	28 (13.1)
Magnetic base dimensions	IN (MM)	6.5 x 4" (0165 x 102)
Magnetic holding force	ft/lbs	2,025
Cable with plug	ft (m)	12.5 (3.8)
<b>Includes</b>		Case Guard Coolant bottle, Safety strap Chip hook, 2 centering pins, 5mm hex key, 5mm T-grip hex key



## CORING / MAGNETIC DRILLING

### ENDURANCE MAG DRILLS UP TO 2"

#### Built for endurance on the jobsite.

**JME Holemaker III: Straightforward functionality at an economical price. Small single-speed mag drill for core and twist drilling on site.**

- Easy-to-use industrial mag drill.
- Lightweight, carbon fibre motor housing that reduces overall weight and improves durability.
- Ability to safely work on even thinner materials.

**JHM USA101: Durable all-aluminium casting makes it a workhorse for construction site drilling.**

- Positive slug ejection due to special bore spindle guides.
- Uniform-torque motor for demanding core drilling.
- Solid sturdy construction in die-cast aluminum for work under difficult conditions.
- Integrated coolant tank.
- Optional 1/2" chuck and adaptor enables the use of twist drills.

**JME USA202 M: Lightweight and powerful two-speed mag drill with MT 3 tool mount for core drilling and twist drilling in the workshop or onsite.**

- For tough use, thanks to top-quality workmanship and pivoting motor cable protection sleeve.
- Mechanical 2-speed gearbox.
- Optimum power-to-weight.
- Integrated coolant tank.



\* with optional adaptor



JME Holemaker III



JHM USA101



JME USA202 M

Model		JME Holemaker III	JHM USA101	JME USA202 M
Order #		72705961090	72725261124	72706961090
Cutter dia. max.	in (mm)	1 3/8" (35)	1 1/2" (38)	2" (50)
Cutter DOC max.	in (mm)	2" (50)	2" (50)	2" / 3" (50 / 75)*
Twist drill cap.	in (mm)	5/8" (16)	1/2" (12)	7/8" (23)
Core bit holder		Weldon 3/4"	Weldon 3/4"	Weldon 3/4"
Tool mount		-	-	MT 3
Power	W	1,100	1,050	1,280
Load speed	rpm	450	330	260 / 520
Stroke / Stroke range	in	5 11/16" / 10 1/4"	2 9/16"	5 5/16" / 10 1/4"
Weight (EPTA)	lbs (kg)	25.8 (11.7)	31.7 (14.4)	30.9 (14)
Magnetic holding force	ft/lbs	2,810	2,023	2,810
Height	in	13 x 23"	15 x 17 3/4"	13 x 23"
Magnetic base dimensions	in	7 11/16 x 3 9/16"	6 x 4"	7 11/16 x 3 9/16"
Cable with plug	ft (m)	8.9 (2.7)	12.5 (3.8)	9.8 (3)
<b>Includes:</b>		Case, safety strap, coolant tank, centering pins, chip guard, 5mm T-grip hex key, 2 keys (5mm & 6mm)	Case, coolant tank, safety strap, chip hook, chip guard, centering pins, 5mm hex key, 5mm T-grip hex key, support handle	Case, chip guard, coolant tank, safety strap, chip hook, drift, centering pins, 2 hex keys 5 & 6mm, T-grip hex key 5mm



## CORING / MAGNETIC DRILLING



### MOBILE CORE DRILL UP TO 1<sup>3</sup>/<sub>16</sub>"

#### One system for all hole drilling applications.

The KBH 25-2U hand-held core drill combines the advantages of four drilling applications into a single system. Its innovative drilling technology provides unmatched cost-effectiveness and the maximum in flexibility and versatility.

- 2-speed metal core drilling system for 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.
- Safety slip clutch.
- Powerful for high cutting speed.
- Forward/reverse rotation and speed adjustment.
- Optimal functionality due to low feed pressure.
- Tool-free accessory changes.



Tapping



Twist Drilling

ACCESSORIES FOR KBH 25	Order #
Chip guard	32174013010
Extension QIP 4" (100mm)	63106017010
Pilot bit	63114038010
Pilot bit 5-PACK	63114038020
3-jaw rigid tapping chuck 3/8"	63206018010
Adaptor QIP for B16	63901047000
Keyless jaw chuck	63901054010
Keyed jaw chuck 1/2"	63202030015

Model	KBH 25-2U	
Order #	72710361090	
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)	3/8" (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 1/4" (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 1/16" (27)
Collar Ø	in (mm)	1 11/16" (43)
Cable with plug	ft (m)	13 (4)
Weight EPTA	lbs (kg)	7 1/4" (3.3)
<b>Includes:</b> pilot bit, side handle, rapid action chuck, tapping chuck, carrying case		





## MAG DRILL ACCESSORIES

### KBH ACCESSORIES

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

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

#### 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

Metric sizes are also available

# MAG DRILL ACCESSORIES



## GENERAL ACCESSORIES

### CUTTING FLUID & PASTE

#### Slugger Cutting Fluid

Concentrated water-based fluid designed to extend tool life, improve surface finish and reduce heat build-up when drilling.

#### Slugger Cutting Paste

Lubricates cutters when drilling in horizontal and inverted positions. The heat generated while drilling liquifies the cutting paste, providing cooling and extending cutter life.



Description	Description	Order #
Cutting Fluid  <b>Mix Ratio:</b> <b>1 part cutting fluid</b> <b>to 5 parts water</b>	Cutting fluid - Quart	32132032980
	Cutting fluid - Case of 12 quarts	32132032982
	Cutting fluid - Gallon	64298102080
	Cutting fluid - 5 gallons	64298102090
Cutting Paste	Cutting paste 10 oz. tube	32160015980

### MAGBRUSHES

Magnetic brushes safely remove metal chips and debris from machinery and work areas.

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

- Slugger MagBrushes feature a high grade, rare earth magnet with the most holding power for its size.
- They outperform similar magnetic pick-up tools.
- Quick and easy removal of metal chips and debris for a clean work area.





## MAG DRILL ACCESSORIES

### ACCESSORIES

#### TWIST DRILLS

No drill chuck required. No adaptors required. No loss of capacity.

TWIST DRILLS	Order #	Description
<b>Twist Drills</b>	63111029010	1/4" dia. 1 3/8" depth of cut
Weldon 3/4" shank	63111030010	3/8" dia. 1 3/8" depth of cut
1 3/8" depth of cut	63111031010	5/16" dia. 1 3/8" depth of cut
	63111032010	7/16" dia. 1 3/8" depth of cut
	63111033010	9/16" dia. 1 3/8" depth of cut
<b>Twist Drill Set</b>	63111029020	6 twist drills - 1 each of dia. 1/4", 3/8", 7/16", 9/16", plus 2 of 5/16", plastic case
<b>Twist Drills</b>	64298050020	1/4" dia. 2" depth of cut
Weldon 3/4" shank	64298050030	3/8" dia. 2" depth of cut
2" depth of cut	64298050040	5/16" dia. 2" depth of cut
	64298050050	7/16" dia. 2" depth of cut
<b>Twist Drill Set</b>	64298050000	4 twist drills - 1 each of dia. 1/4", 5/16", 3/8", 7/16"
<b>Twist Drills</b>	64298055000	<b>Twist Drill Set:</b> 4 twist drills: 6mm, 8mm, 10mm, 12mm. 3/4" shank, 2" depth of cut
Metric		



ACCESSORIES	Order #	Description
<b>Chuck &amp; Adaptors</b>	64298190100	1/2" chuck & adaptor for JHM USA101 for twist drills
	63202037010	Adaptor for JME Holemaker III chuck (# 3202037010)
	63202037010	Chuck for JME Holemaker III
<b>Tapping Adaptors</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>Cutter Extensions</b>	63106020980	2" arbor extension
	63106021980	3" arbor extension
1 5/16" arbor body diameter	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>Countersinks</b>	64298100820	Countersink 1"
All 82°	64298150820	Countersink 1 1/2"
	64298200820	Countersink 2"
<b>MultiSink</b>	69908038538	TCT MultiSink
<b>Coolant accessories</b>	32132022007	Hand pump coolant bottle (for drilling overhead)
	30240247002	Holder for coolant bottle
	31414054008	Hose for coolant bottle



## MAG DRILL ACCESSORIES



### ACCESSORIES



FOR TOOLS WITH WELDON 3/4" QuickIN	For	Order #
Arbor MT 2 to Weldon 3/4" for 2" depth cutters		63901063020
Arbor MT 2 to Weldon 3/4" cutter mount for 3" depth cutters		63901064020
Drill chuck adaptor Weldon 3/4" to B16 drive		63901061000
Jaw chuck 5/8" capacity B16 mount		63202037010
S3 key for 5/8" jaw chuck		62914004007
3-jaw chuck 1/2" B16		63202030015
Quick action chuck B16		63204032006
Quick-change tapping chuck 5/16 - 5/8 BILZ type 2		92602089010
Adaptor Weldon 3/4" to Universal shank		69908037138
Adaptor Weldon 3/4" to output FEIN QuickIN		63901027010
MT 3 to MT 2 reducing sleeve		63302003004
MT 4 to MT 3 reducing sleeve		69908037348
Adaptor 1 1/4" straight shank Weldon to Weldon 3/4"	JMU404 M	63901078010
Adaptor 1 1/4" Weldon to Weldon 3/4" output		63901075010
MT4 arbor to 1 1/4" Weldon offset 90 degrees		63901072020
Centering pin with extension		30217362010

GENERAL MAG DRILL ACCESSORIES	For	Order #
Arbor MT 3 to 3/4" Weldon tool holder for 1" / 2" depth cutters *	MT 3 tools * requires pin #63134998330	63901050020
Arbor MT 3 to 3/4" Weldon tool holder for 3" depth cutters *		63901051020
Arbor MT 3 to QuickIN tool holder for 3" cutting depth *		63901049020
Arbor MT 3 - B16 for tools with Morse taper socket		63301012005
Arbor MT 3 - B22 for tools with Morse taper socket		63301014007
QuickIN adaptor 1/2"-20 UNF for threaded chucks for competitors' chucks		63901022008
MT 3 Quick-change arbor for universal cutters (with coolant)		69908030355
Pipe drilling attachment device: For holes in pipe dia. 60 to 300mm, 220 x 130mm - Base size 5 1/8 x 8 11/16" or smaller		92602055010
Suction plate for non-magnetic materials - Base size 4 x 10" or smaller		92602054016

For	Order #	Description		
<b>TAPPING ACCESSORIES for JMU404 M</b>	92602082010	Tapping chuck QuickIN Max/Weldon 1 1/4" shank BILZ type 3		
		<b>Description</b>	<b>Order # - Tapping Collets</b>	<b>Order # - Tapping Collets with Clutch</b>
	M22 / M24 # 3	63206119010	63206122010	
	M27 # 3	63206120010	63206123010	
	M30 # 3	63206121010	63206124010	
	M33 # 3	63206157010	63206155010	
	M36 # 3	63206158010	63206156010	

**VERSADRIVE**®

PATENT PENDING

**MAG DRILL ACCESSORIES**

**VERSADRIVE MAG DRILL ACCESSORIES**

**VersaDrive Adaptors for 3/4" Weldon Shank Magnetic Drills**

- Expand your range of applications.
- Fits into any standard 3/4" (19.05mm) magnetic drill arbor.
- Rapid-lock Weldon adaptor for quick changeover, no tools required.



More information on the full range of VersaDrive drilling accessories can be found in the VersaDrive Catalogue.

Order #	Ref.	Description
69908038506	111030-0001	Magnetic Drill Adaptor for 3/4" Weldon shank
<b>Includes:</b> 3X stainless steel M8 doghead grub screws		
69908038612	111035-01	Rapid-Lock Magnetic Drill Adaptor for 3/4" Weldon shank

*Use with the VersaDrive Range*



**VersaDrive Drill Bits**



**VersaDrive Taps**



**VersaDrive Holesaws**



**VersaDrive Drill Taps**



**VersaDrive Reamers**

With the VersaDrive system of drilling accessories and you can now drill, tap and ream in metal with the ultimate in precision and versatility.

VersaDrive is the only range of drilling and cutting accessories optimized for cordless power tools as well as workshop equipment, because you never know what challenges you are going to face next.

# MAG DRILL ACCESSORIES



## OLD STYLE FEIN QUICKIN ACCESSORIES

### ACCESSORIES FOR FEIN MAG DRILLS WITH OLD-STYLE QUICKIN MOUNT

Models: KBM32Q, KBM50Q manufactured prior to 2014, KBM52U, KBM80U, KBM80, JCM312



ACCESSORIES		
Description	For	Order #
Coolant reservoir gravity-fed	KBM32Q, KBM52U Old KBM50Q	63901036010
Chip protection guard		63901037010
QuickIN to 3/4" Weldon adaptor for annular cutters incl. 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	KBM32Q KBM80	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	KBM52U Old KBM50Q	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
QuickIN Max tapping chuck 3/4 to 1 1/8" BILZ type 3	KBM80 JCM312	92602082010
Centering pin		63134998330
MT3 1 1/4" Weldon tool holder 90° flats (Magtron)		63901041010
MT3 1 1/4" Weldon tool holder in-line flats (Hougen)		63901042010
MT3 1 1/4" 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	

### FEIN HM QUICKIN & QUICKIN MAX CARBIDE-TIPPED CUTTERS

For models: KBM32Q, KBM50Q manufactured prior to 2014, KBM52U, KBM80, JCM312

Contact us for information.

HM QUICKIN



HM QUICKIN MAX





# ANNULAR CUTTERS

## 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 CUTTERS

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

### CARBIDE WELDON CUTTERS

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

### TRUCK FRAME CUTTERS - ID Sharpened for Stack Drilling

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.

### HSS TAP SIZE CUTTERS

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

### INDUSTRIAL ARBORS

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



### SHEET METAL CUTTERS

Can be found in the Drilling Accessories section pages 103-105.

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.



## ANNULAR CUTTERS



## SLUGGER CUTTERS

**Specialty Cutters & Cutter Coatings**

Additional options for Slugger Cutters to increase efficiency when cutting specific materials. Contact us for more information.

**Titanium Nitride TiN HSS Weldon Cutters**

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.

**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.

**Carbide Universal Shank Cutters**

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.

**Titanium Carbonitride (TiCN)**

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

**Pipe-Style Geometry**

For Pipe and Tube Drilling Applications

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

**Rail Cutters**

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

**ShortSluggers**

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

**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.



## ANNULAR CUTTERS

### RECOMMENDED SPEED

Recommended RPM for Diameter	Carbide Annular Cutters		HSS Annular Cutters	
	Mild Steel	Stainless Steel	Mild Steel	Stainless Steel
1/2"	1250	880	840	300
9/16"	1115	780	750	270
5/8"	1000	700	670	245
11/16"	910	640	610	220
3/4"	835	590	560	205
13/16"	770	540	520	190
7/8"	715	500	480	175
15/16"	670	470	450	160
1"	625	440	420	150
1 1/16"	590	415	400	145
1 1/8"	560	390	375	135
1 3/16"	530	370	350	130
1 1/4"	500	350	340	120
1 5/16"	475	335	320	120
1 3/8"	450	320	305	110
1 7/16"	435	305	295	105
1 1/2"	420	290	280	100
1 9/16"	400	280	270	95
1 5/8"	385	270	260	90
1 11/16"	370	260	250	90
1 3/4"	360	250	240	85
1 13/16"	350	240	230	85
1 7/8"	335	230	225	80
1 15/16"	320	225	215	75
2"	310	220	210	70
2 1/16"	300	210	200	
2 1/8"	295	205	195	
2 3/16"	285	200	190	
2 1/4"	280	195	185	
2 5/16"	270	190	180	
2 3/8"	265	185	175	
2 7/16"	260	180	170	
2 1/2"	250	175	165	
3/4"	225	160	150	
3"	210	145	140	
3 1/4"	195	135	130	
3 1/2"	180	125	120	
3 3/4"	170	120	110	
4"	160	110	105	

**FORMULA**  
 SFPM x 12  
 SIZE x 3.1416

**CARBIDE CUTTERS:**

**Mild Steel**  
 164 x 12  
 SIZE x 3.1416

**Stainless Steel**  
 115 x 12  
 SIZE x 3.1416

**HSS CUTTERS:**

**Mild Steel**  
 110 x 12  
 SIZE x 3.1416

**Stainless Steel**  
 40 x 12  
 SIZE x 3.1416

## ANNULAR CUTTERS



### PILOT PINS / SLUGGER HSS CUTTERS - IMPERIAL WELDON 3/4"

#### Slugger Pilot Pins

The Slugger Pilot Pins listed below fit annular cutters with a 3/4" Weldon shank and can also be used on competitive machines. Manufactured from high quality steel, the pilot pin is designed to:

- Allow coolant flow to center of cutter during drilling cycle.
- Eject the slug from center of cutter after the drilling cycle is complete.
- Align the cutter to the desired drilling position.
- Provide an easy view of the center of the hole being created.



#### STANDARD 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
63134998360	6" depth of cut

#### HSS Cutters with Pins

High speed steel cutters, Weldon 3/4" shank. Long service life.



Cutter Diameter	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #
7/16"	0.4375	63134111041	63134111042
1/2"	0.5000	63134127041	63134127042
9/16"	0.5625	63134143041	63134143042
5/8"	0.6250	63134158041	63134158042
11/16"	0.6875	63134175041	63134175042
3/4"	0.7500	63134191041	63134191042
13/16"	0.8125	63134206041	63134206042
7/8"	0.8750	63134222041	63134222042
15/16"	0.9375	63134238041	63134238042
1"	1.0000	63134254041	63134254042
1 1/16"	1.0620	63134269041	63134269042
1 1/8"	1.1250	63134286041	63134286042
1 3/16"	1.1870	63134302041	63134302042
1 1/4"	1.2500	63134318041	63134318042
1 5/16"	1.3120	63134333041	63134333042

Cutter Diameter	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #
1 3/8"	1.3750	63134349041	63134349042
1 7/16"	1.4370	63134365041	63134365042
1 1/2"	1.5000	63134381041	63134381042
1 9/16"	1.5620	63134397041	63134397042
1 5/8"	1.6250	63134413041	63134413042
1 11/16"	1.6870	63134429041	63134429042
1 3/4"	1.7500	63134445041	63134445042
1 13/16"	1.8120	63134460041	63134460042
1 7/8"	1.8750	63134476041	63134476042
1 15/16"	1.9370	63134492041	63134492042
2"	2.000	63134508041	63134508042
2 1/16"	2.062	63134524041	63134524042

**3" and 4" depth HSS cutters** Pages 28/29  
**Metric HSS cutters** Page 29  
**Cutter Sets** Page 30



## ANNULAR CUTTERS

### SLUGGER HSS CUTTERS - IMPERIAL WELDON 3/4"

Cutters on this page are not supplied with pins

Cutter Diameter	Dec. Equiv.	1" DEPTH Order #	2" DEPTH Order #	3" DEPTH Order #	4" DEPTH Order #
3/4"	0.7500	See page 27	See page 27	63134190003	-
13/16"	0.8125	See page 27	See page 27	63134206003	63134206004
7/8"	0.8750	See page 27	See page 27	63134222003	63134222004
15/16"	0.9375	See page 27	See page 27	63134238003	63134237004
1"	1.0000	See page 27	See page 27	63134254003	63134254004
1 1/16"	1.0620	See page 27	See page 27	63134269003	63134269004
1 1/8"	1.1250	See page 27	See page 27	63134285003	63134285004
1 3/16"	1.1870	See page 27	See page 27	63134301003	63134301004
1 1/4"	1.2500	See page 27	See page 27	63134317003	63134317004
1 5/16"	1.3120	See page 27	See page 27	63134333003	63134333004
1 3/8"	1.3750	See page 27	See page 27	63134349003	63134349004
1 7/16"	1.4370	See page 27	See page 27	63134364003	63134364004
1 1/2"	1.5000	See page 27	See page 27	63134381003	63134381004
1 9/16"	1.5620	See page 27	See page 27	63134396003	63134396004
1 5/8"	1.6250	See page 27	See page 27	63134412003	63134412004
1 11/16"	1.6870	See page 27	See page 27	63134428003	63134428004
1 3/4"	1.7500	See page 27	See page 27	63134444003	63134444004
1 13/16"	1.8120	See page 27	See page 27	63134461003	63134461004
1 7/8"	1.8750	See page 27	See page 27	63134476003	63134476004
1 15/16"	1.9370	See page 27	See page 27	63134491003	63134492004
2"	2.000	See page 27	See page 27	63134508003	63134508004
2 1/16"	2.062	See page 27	See page 27	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

HSS High speed steel cutters with Weldon 3/4" shank.

Long service life

Imperial dimensions

**Pilot Pins  
Page 27**

**Cutter Sets  
Page 30**



**6" DEPTH AVAILABLE  
ON REQUEST**

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

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

**For 1" depth** 63901021014 Weldon adaptor + 63134998300 Centering pin

**For 2" depth** 63901021014 Weldon adaptor + 63134998330 Extra-long pin

**\* Models: KBM32 Q, KBM50 QX, KBM50 Q old version, KBM52 U**

## ANNULAR CUTTERS



### SLUGGER HSS CUTTERS - METRIC WELDON 3/4"

Cutters on this page are not supplied with pins

HSS High speed steel cutters with Weldon 3/4" shank.

Long service life

Metric dimensions.

**Pilot Pins  
Page 27**

**Cutter Sets  
Page 30**



**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 #
13mm	0.5118	63134129001	63134129002	-	-
14mm	0.5512	63134140001	63134139002	-	-
15mm	0.5906	63134150001	63134149002	-	-
16mm	0.6299	63134159001	63134159002	-	-
17mm	0.6693	63134170001	63134169002	-	-
18mm	0.7087	63134180001	63134179002	-	-
19mm	0.7480	63134189001	63134189002	-	-
20mm	0.7874	63134199001	63134199002	63134199003	-
21mm	0.8268	63134210001	63134209002	63134210003	-
22mm	0.8661	63134219001	63134219002	63134219003	63134219004
23mm	0.9055	63134229001	63134229002	63134229003	63134229004
24mm	0.9449	63134240001	63134239002	63134240003	63134240004
25mm	0.9843	63134250001	63134249002	63134250003	63134249004
26mm	1.0230	63134259001	63134259002	63134259003	63134259004
27mm	1.0630	63134270001	63134270002	63134270003	63134270004
28mm	1.1020	63134279001	63134279002	63134279003	63134279004
29mm	1.1410	63134289001	63134289002	63134289003	-
30mm	1.1810	63134299001	63134299002	63134299003	63134299004
31mm	1.2200	63134309001	63134310002	63134309003	63134309004
32mm	1.2590	63134319001	63134319002	63134319003	63134319004
33mm	1.2990	63134329001	63134329002	63134329003	63134329004
34mm	1.3380	63134339001	63134339002	63134339003	63134339004
35mm	1.3770	63134350001	63134350002	63134350003	63134350004
36mm	1.4170	63134359001	63134359002	63134359003	63134359004
37mm	1.4560	63134369001	63134369002	-	-
38mm	1.4960	63134379001	63134379002	63134379003	63134379004
39mm	1.5350	63134389001	63134389002	63134389003	-
40mm	1.5740	63134399001	63134399002	63134399003	63134399004
41mm	1.6140	63134409001	63134409002	63134409003	-
42mm	1.6540	63134420001	63134420002	63134420003	63134420004
43mm	1.6920	63134429001	63134429002	63134429003	-
44mm	1.7320	63134439001	63134439002	63134439003	63134439004
45mm	1.7710	63134449001	63134449002	63134449003	63134449004
46mm	1.8110	63134459001	63134459002	63134459003	63134459004
47mm	1.8500	63134469001	63134469002	-	-
48mm	1.8890	63134479001	63134479002	63134479003	63134479004
49mm	1.9290	63134489001	63134489002	-	-
50mm	1.968	63134499001	63134499002	63134499003	63134499004
51mm	2.007	63134509001	63134509002	63134510003	63134509004
52mm	2.047	63134519001	63134519002	63134519003	63134519004



# ANNULAR CUTTERS

## SLUGGER HSS CUTTER SETS

**Standard HSS Annular Cutter Sets**  
**Handy and economical**  
**Weldon 3/4"**



### HSS CUTTER SETS

6 of our most popular HSS annular cutters with 2 pilot pins  
 Packaged in a display-friendly carrying case  
 Weldon 3/4" shank

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-Pack**  
Value Set



### HSS CUTTER SETS

Selection of HSS annular cutters with pilot pins  
 Practical and convenient storage case  
 Weldon 3/4" shank

Order #	For	Contents
63134999010	1" depth	5 cutters: 9/16", 11/16", 13/16", 15/16", 1 1/16" Pilot pin 9/16" to 1 1/16" Carrying case
63134999020	1" depth	11 cutters: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16" Pilot pin 7/16" to 1/2" Pilot pin 9/16" to 1 1/16" Carrying case
63134999015	2" depth	5 cutters: 9/16", 11/16", 13/16", 15/16", 1 1/16" Pilot pin 9/16" to 1 1/16" Carrying case
63134999026	2" depth	11 cutters: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16" Pilot pin 7/16" to 1/2" Pilot pin 9/16" to 1 1/16" Carrying case



# 63134999010



# 63134999020

## ANNULAR CUTTERS



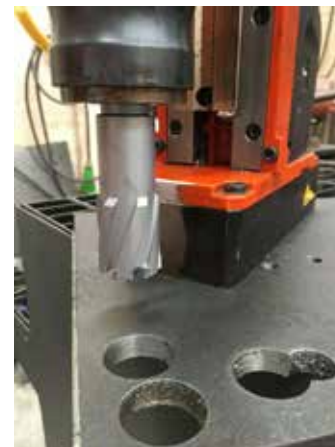
### CARBIDE WELDON CUTTERS - WELDON 3/4"

#### Carbide Weldon Annular Cutters

Carbide-tipped cutters are the perfect for drilling hard, abrasive and difficult materials. They are designed to run at higher RPMs, making Slugger Universal mag drills the ideal tools to use them on. The best solution for increased performance, longevity and a low cost per hole ratio. Weldon 3/4" shank.

- Suitable for most materials and applications offering improved performance over HSS cutters.
- Smooth cutting tooth geometry reduces vibration and loading.
- Much longer service life especially in tough materials like stainless steel.
- Carbide inserts specially designed to be very durable providing a burr-free hole.
- Special flute geometry for 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.

**INCLUDES  
PILOT PIN**



#### CARBIDE CUTTER SETS

6 cutters 1/2", 9/16", 5/8", 3/4", 7/8", 1" with 1 pin and case

1" DEPTH		2" DEPTH	
Order #	Ref.	Order #	Ref.
69908032827	FC791TCT	69908032828	FC792TCT

Dia.	1" DEPTH		2" DEPTH	
	Order #	Ref.	Order #	Ref.
1/2"	69908036703	FC111TCT	69908036729	FC211TCT
9/16"	69908036705	FC113TCT	69908036730	FC213TCT
5/8"	69908036706	FC116TCT	69908036731	FC216TCT
11/16"	69908036707	FC119TCT	69908036732	FC219TCT
3/4"	69908036708	FC121TCT	69908036733	FC221TCT
13/16"	69908036709	FC124TCT	69908036734	FC224TCT
7/8"	69908036710	FC127TCT	69908036735	FC227TCT
15/16"	69908036701	FC130TCT	69908036702	FC230TCT
1"	69908036711	FC133TCT	69908036736	FC233TCT
1 1/16"	69908036712	FC136TCT	69908036737	FC236TCT
1 1/8"	69908036713	FC139TCT	69908036738	FC239TCT
1 3/16"	69908036714	FC142TCT	69908036739	FC242TCT
1 1/4"	69908036715	FC145TCT	69908036740	FC245TCT
1 5/16"	69908036716	FC148TCT	69908036741	FC248TCT
1 3/8"	69908036717	FC151TCT	69908036742	FC251TCT
1 7/16"	69908036718	FC154TCT	69908036743	FC254TCT
1 1/2"	69908036719	FC157TCT	69908036744	FC257TCT
1 9/16"	69908036720	FC160TCT	69908036745	FC260TCT
1 5/8"	69908036721	FC163TCT	69908036746	FC263TCT
1 11/16"	69908036722	FC166TCT	69908036747	FC266TCT
1 3/4"	69908036723	FC169TCT	69908036748	FC269TCT
1 13/16"	69908036724	FC172TCT	69908036749	FC272TCT

Dia.	1" DEPTH		2" DEPTH	
	Order #	Ref.	Order #	Ref.
1 7/8"	69908036725	FC175TCT	69908036750	FC275TCT
1 15/16"	69908036726	FC178TCT	69908036751	FC278TCT
2"	69908036727	FC181TCT	69908036752	FC281TCT
2 1/16"	69908036728	FC183TCT	69908032826	FC283TCT
2 1/8"	-	-	69908037302	FC284TCT
2 3/16"	-	-	69908037303	FC285TCT
2 1/4"	-	-	69908037304	FC286TCT
2 5/16"	-	-	69908037305	FC287TCT
2 3/8"	-	-	69908037306	FC288TCT
2 7/16"	-	-	69908037307	FC289TCT
2 1/2"	-	-	69908037308	FC290TCT
2 9/16"	-	-	69908037309	FC291TCT
2 5/8"	-	-	69908037310	FC292TCT
2 11/16"	-	-	69908037312	FC293TCT
2 3/4"	-	-	69908037313	FC294TCT
2 13/16"	-	-	69908037314	FC295TCT
2 7/8"	-	-	69908037315	FC296TCT
2 15/16"	-	-	69908037316	FC297TCT
3"	-	-	69908037317	FC298TCT
3 1/16"	-	-	69908037318	FC299TCT
3 1/8"	-	-	69908037319	FC2010TCT

**For larger diameters, contact the FEIN order desk.**



## ANNULAR CUTTERS

### TRUCK FRAME CUTTERS

**Reduce drilling time when cutting through stacked layers of metal in one step.**

#### FEIN Truck Frame ID Cut Carbide 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.

- Cut difficult to drill or harder materials.
- Extend cutter life.
- Increase productivity.

Weldon 3/4" shank



Dia.	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

#### PILOT PINS FOR CARBIDE TRUCK FRAME CUTTERS

For	Order #
For diameter 9/16" to 11/16" - 1" depth	69908037331
For diameter 3/4" to 1 3/8" - 1" depth	69908037332



Truck frame cutters have a different geometry that allows for drilling in harder material. No lip is left on the slug, which enables you to drill through both layers of the double frame in one simple step.





## ANNULAR CUTTERS



### HSS TAP SIZE CUTTERS

#### HSS Tap Size Cutters

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



**Weldon 3/4" Shank**



For pins, see page 27.

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



**Note:**

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

Available in a cordless model on page 87 and a corded model on page 78.



## ANNULAR CUTTERS

### SLUGGER INDUSTRIAL ARBORS

#### Industrial Arbors for Slugger cutters with 3/4" or 1 1/4" shank drives

Industrial arbors quickly and easily adapt Slugger cutters to most types of conventional drill presses 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 to #5 MT shank configurations.



#### FOR SLUGGER CUTTERS WITH 3/4" SHANK DRIVE

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

#### FOR SLUGGER CUTTERS WITH 1 1/4" SHANK DRIVE

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

For Slugger carbide-tipped cutters 2 1/2" diameter or larger	Order #	Description
	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

\* Coolant collar increases outside diameter

Arbor breakdowns are available on request

# SURFACE FINISHING



## SURFACE FINISHING WITH FEIN

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

Whether grinding or polishing with the extensive range of FEIN power tools and specially-selected accessories, we offer the best products to satisfy the highest demands of surface finishing. In stainless steel applications, you can count on FEIN's powerful and durable tools with outstanding ergonomics for fatigue-free, energy-saving work and our 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 Canada's 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.

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





GRINDING

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 industrial quality 1,100 W motors.
- Low vibration rating.
- Safe, secure hold and control.
- Durable and robust.
- Great weight distribution.
- Fast cutting speed, and high material removal.

High power durable and technically advanced 1,500 W motors.

- POWERtronic (P) for constant speed and torque.
- Variable speed INOX models, ideal for stainless work.



**Recommended for onsite work where welding machines are the power source.**

**ERGOGRIP RAT-TAIL GRINDERS - 1,100 W \***

R - Rat-tail design      T - Deadman switch

Order #	Model	Size	Switch	Watts	RPM
72218660090	WSG 11-125 R	5"	Lockable	1,100	11,000
72218760090	WSG 11-125 RT	5"	Deadman	1,100	11,000
72218860090	WSG 11-150 R	6"	Lockable	1,100	8,500
72218960090	WSG 11-150 RT	6"	Deadman	1,100	8,500

**ERGOGRIP RAT-TAIL POWER GRINDERS - 1,500 W \*\***

P - POWERtronic      R - Rat-tail design      T - Deadman switch

Order #	Model	Size	Switch	Watts	RPM
72221860090	WSG 17-125 PR	5"	Lockable	1,500	11,000
72221960090	WSG 17-125 PRT	5"	Deadman	1,500	11,000
72222060090	WSG 17-150 PR	6"	Lockable	1,500	8,500
72222160090	WSG 17-150 PRT	6"	Deadman	1,500	8,500

**VARIABLE SPEED "INOX"**

Order #	Model	Size	Switch	Watts	RPM
72222260090	WSG 17-70 INOX R	5"	Lockable	1,500	2,500 to 8,500
72222360090	WSG 17-70 INOX RT	5"	Deadman	1,500	8,500



\* ErgoGrip WSG 11 rat-tail grinders come with guard, pair of flanges, wrench and standard handle.

\*\* ErgoGrip WSG 17 rat-tail grinders come with guard, pair of flanges, wrench and anti-vibration handle.

For FEIN high performance grinding wheels, cut-off wheels, and other abrasives; see the FEIN Abrasives section of this catalogue page 120.



## ANGLE GRINDERS - RAT-TAIL

### FEIN large 7" and 9" rat-tail grinders for heavy-duty performance.

- High-power 2,000 W motors with enormous torque for high grinding capacity.
- Gentle start for recoil-free and safe starting.
- Safety interlock switch.
- Spindle lock for rapid disc changes.
- Rear handle can be rotated by 270° through 4 positions.
- Unique protective air flow design increasing tool life.
- Very low head height.



#### 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

### Cordless FEIN angle grinders - powerful, durable, and mobile.

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.

For cordless angle grinder line, see page 88.





## ANGLE GRINDERS - BARREL BODY

### Get FEIN industrial quality in the compact yet powerful WSG 7-115.

- Combines affordability and reliability into one, at a very competitive price.
- Weighs only 3.7 lbs.
- Dust protection on all electronic components.
- Spindle lock.



#### 4½" COMPACT ANGLE GRINDER

Order #	Model	Size	Watts	RPM
72219760390	WSG 7-115	4½"	760	12,000

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

### Designed for constant speed under load, FEIN barrel-body angle grinders feature high performance long-life motors.

Long carbon brush service life due to innovative design and optimum ventilation. Extremely robust and durable yet lightweight and ergonomic.

- 5/8-11 spindle with spindle lock.
- Reduced vibration.
- Very low weight.
- Removable safety guard.
- Aluminium bearing plate.

**POWERtronic (P)**  
for constant speed and torque.

**INOX** model with variable speed,  
ideal for stainless steel work.



#### ANGLE GRINDERS

Order #	Model	Size	Watts	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	Watts	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

72221360090	WSG 17-70 INOX	5"	1,500	2,500-7,900
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Comes with: handle, pair of flanges, wheel guard, wrench



## ANGLE GRINDERS - PADDLE-SWITCH

### FEIN 4½” paddle-switch angle grinder offers convenience and safety.

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



#### 4½” PADDLE SWITCH ANGLE GRINDER - 4 lbs

Order #	Model	Size	Watts	RPM
72223160120	WSG 7-115 PT	4½”	820	12,500

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

### Dust-resistant and powerful - FEIN 4½”, 5” and 6” paddle-switch angle grinders.

With the paddle switch grinders from FEIN you can work safely and efficiently without sacrificing power and durability.

- Dead-man paddle switch.
- Soft-start function and overload protection guards the user and the machine from injury and damage.
- Variable speed “V” models.
- Solid metal gear head.
- Dust protection grills keeps fine dust particles out of the motors’ intake.
- Anti-vibration handle (CG 13-125 PDE, CG 13-150 PDE, CG 13-150 PDEV).



#### PADDLE SWITCH ANGLE GRINDERS

Order #	Model	Size	Watts	RPM
72226060390	CG 10-115 PDE	4½”	1,200	12,500
72225960390	CG 10-115 PDEV	4½”	1,200	12,500
72226460390	CG 13-125 PDE	5”	1,500	11,000
72226360390	CG 13-150 PDE	6”	1,500	8,500
72226260390	CG 13-150 PDEV	6”	1,500	8,500

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



### ANGLE GRINDER ACCESSORIES

**FEIN specialty-application grinder guards**  
Fit on most brands' 4½" to 6" high-speed angle grinders.  
Rugged construction for heavy-duty applications.

**Must be used with a vacuum**  
More than 90% of dust removal rate using vacuum.



**FEIN Tuckpointing Guard**      **Order # 69908116032**  
**Dust collection cover for wider kerfs**

- Easy to install and replace blades.
- Accepts up to 5" diameter blades.
- Adjustable cutting depth. Maximum cutting depth 1¼".
- Perfect for tuckpointing and crack chasing.



**Accessories included:**  
Surface grinding guard dust collector cover, connections for most 4½", 5" and 6" grinders, collar, base flange, spacers, stainless steel hose clamp, hex wrench, operators manual, rubber hose connector.

**FEIN Surface Grinding Guard**      **Order # 69908116031**  
**Dust collection cover for high-speed grinders**

- Easy to install and replace grinding cup wheels.
- Accepts up to 5" diameter grinding cup wheels.
- Removable cover allows grinding to the edge.
- Suspended dust cover prevents dust from escaping.
- Clear cover for better visibility.
- Perfect for grinding and sanding concrete or surface preparation work.



**Accessories included:**  
Surface grinding guard dust collector cover, connections for most 4½", 5" and 6" grinders, flange and locknut set for selected grinders, stainless steel hose clamp, hex wrench, operators manual, rubber hose connector.

**FEIN ECOGUARD W6 Cover**      **Order # 69908116035**  
**Dust collection cover for cutting**

- Perfect for stone fabricators to cut laminate edges, concrete, natural and engineered stone, and other masonry products.
- Easy to install and replace blades.
- Accepts up to 6" diameter blades.
- Adjustable cutting depth. Maximum cutting depth 2".



**Accessories included:**  
ECOGUARD W6 dust collection cover, connections for most 6" grinders, collar (for Metabo), base flange, spacers, stainless steel hose clamp, hex wrench, operators manual, rubber hose connector.





## 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 4½", 5", 6" GRINDERS</b>	
32119124010	Anti-vibration handle
33901118010	Carrying case
69908032284	4½" 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
<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 #	For	Fits models
31810300000	5"	WSG11-125(a), WSG11-125R(a), WSG11-125RT(a), WSG17-125P, WSG17-125R, WSG125RT, WSG17-70 INOX
31810288010	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	4½"	WSG7-115 (PT)
31810287010	4½"	WSG8-115
31810299000	4½"	WSG8-115(a)
31810245020	7"	WSG20-180
31810246020	9"	WSG20-230

## FEIN ABRASIVES

**For FEIN high performance abrasives, see the FEIN Abrasives section of this catalogue.**

State-of-the-art quality, high performance products made for serious industrial applications. Made to the most stringent of safety standards to assure end users a level of quality and safety in their daily applications.



- GRINDING WHEELS**
- PIPELINER WHEELS**
- CUT-OFF WHEELS**
- CHOP SAW WHEELS**
- FLAP DISCS**
- CARBIDE BURRS**
- FLAP WHEELS**
- UNITIZED DISCS**
- POLI-CLEAN WHEELS**
- SURFACE CONDITIONING PRODUCTS**



### DIE GRINDERS

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

FEIN high performance die grinders are effective for cutting, grinding and deburring work in the steel and stainless steel. 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.

- 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 protection on armature and field coil.
- Unique FEIN ErgoGrip for minimal fatigue.
- Great weight distribution and balance.
- Safe, powerful and durable.



See page 89 for cordless die grinders

#### GSZ DIE GRINDERS

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

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

\* Special order

#### 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





### HAND-HELD BELT GRINDERS

#### Powerful, hand-held belt grinding machines 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 changes.
- Superior surface finishing.
- High metal removal rate.
- Converts into a stationary belt grinding machine.



See the GRIT section, page 107, for the full line of stationary belt grinders and pipe notchers.

#### GHB HAND-HELD BELT GRINDERS

Order #	Model	Description	Watts	RPM
79032109124	GHB 15-50	Single speed	1,500	8,500
79032209124	GHB 15-50 INOX	Variable speed	1,500	2,500 - 7,900

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

#### GHB ADD-ON MODULES

See page 44 for details.

Add-on modules expand the range of applications for the powerful GHB mobile belt grinding system.

Mobile and flexible onsite operation with quick set up times.





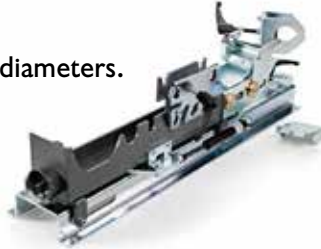
## SURFACE FINISHING

### 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.
- 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.



#### **GHBML for mobile floor grinding**

**Order # 99001012030**

- Enables grinding of floor weld seams.
- Perfect surface in one step.
- Adjustable guide rod for upright working.
- Minimal effort required for grinding long welded seams thanks to roller guide.
- Innovative, optical guide for straight sanding lines.
- Laser pointers can be fastened.
- Tool free set up makes the transformation effortless.



#### **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).
- Robust construction for heavy-duty operation.
- Spark box.



## SURFACE FINISHING



### HAND-HELD BELT GRINDERS

GRINDING BELTS GHB				
Order #	Grit	Size	Pack	
<b>Z: Zirconia</b>				
69908036189	36	2 x 39¼" (50x1000mm)	10	
69908036208	60			
69908036209	80			
69908036210	120			
<b>A: Aluminium oxide (special order)</b>				
69908036236	220	2 x 39¼" (50x1000mm)	10	
69908036218	320			
69908036218	400			
<b>C: Cubitron (special order)</b>				
69903126000	36	2 x 39¼" (50x1000mm)	10	
69903127000	60			
69903128000	80			
<b>R: Ceramic</b>				
69908036235	36	2 x 39¼" (50x1000mm)	10	
69908036220	60			
69908036221	80			
69908036222	120			
<b>F: Fleece</b>				
69908036223	Coarse	2 x 39¼" (50x1000mm)	3	
69908036224	Medium			
69908036225	Fine			
69908034034	Super polishing belt			1



#### Zirconia

It's the all-rounder for grinding and deburring steel and non-ferrous metals.

#### Aluminium oxide

Grinding belts with a fine grit for fine grinding of metals to final finish.

#### Cubitron

Precision grinding belt with ceramic grain guarantees maximum performance and service life.

#### Ceramic

Top grinding belt on the market, featuring superior service life and performance for considerably shorter working times.

#### Fleece Belts

Reliable for everything from covering up minor mistakes to creating a perfect finish.

GRINDING BELTS GHBR				
Order #	Type	Grit	Size	Pack
69903157000	<b>C: Cubitron</b>	36	2 x 45¼" (50x1150mm)	10
69908036137	<b>R: Ceramic</b>	36		
69908036138	<b>Z: Zirconia</b>	36		

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



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



**SURFACE FINISHING**

**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.

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 #	Description	Includes
<b>72216760090</b>	<b>KS 10-38E SET</b>	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
Maximum 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 for the fillet weld grinder can be found on page 48.**

**SURFACE FINISHING**



**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.

- Outstanding removal rate
- Ideal for small spaces
- Maximum plunge depth into work piece
- No thrown grinding belts
- Perfect results at corners, edges and profiles
- Perfect for already-installed assemblies such as railings, etc.



Order #	Description	Includes
<b>72280551090</b>	<b>BF 10-280E SET</b>	BF 10-280E Belt File tool Carrying case 1 grinding arm - offset 3/32" / 1/4" 1 grinding arm - straight 3/32" / 1/4" 1 grinding arm - straight 3/4" 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 for the belt file can be found on page 48.**



**SURFACE FINISHING**

**BELT FILE / FILLET WELD GRINDER ACCESSORIES**

**BF 10-280E BELT FILE 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 20 1/2"	3 x 520	80	10
63714062010		3/32 x 20 1/2"	3 x 520	120	10
63714063010		3/32 x 20 1/2"	3 x 520	180	10
63714068010		1/4 x 20 1/2"	6 x 520	80	10
63714069010		1/4 x 20 1/2"	6 x 520	120	10
63714070010		1/4 x 20 1/2"	6 x 520	180	10
63714089010		3/4 x 20 1/2"	20 x 520	80	10
63714090010		3/4 x 20 1/2"	20 x 520	120	10
63714091010		3/4 x 20 1/2"	20 x 520	180	10
63714114010		Fleece belts	1/4 x 20 1/2"	6 x 520	Coarse
63714115010	1/4 x 20 1/2"		6 x 520	Medium	5
63714116010	1/4 x 20 1/2"		6 x 520	Fine	5
63714123010	3/4 x 20 1/2"		20 x 520	Coarse	5
63714124010	3/4 x 20 1/2"		20 x 520	Medium	5
63714125010	3/4 x 20 1/2"		20 x 520	Fine	5
63726016010	Super polishing belts	1/4 x 20 1/2"	6 x 520		3
63726019010		3/4 x 20 1/2"	20 x 520		3



**KS 10-38 E FILLET WELD GRINDER 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





## SURFACE FINISHING



### 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.



**Fits:**  
**FEIN WPO 14-25E, WPO 14-15E**

GRINDING ARM ATTACHMENT					
<b>Order #:</b> 69908030272		<b>RBSV 650 SET</b>			
<b>Contents:</b> 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 3/8 x 25 1/2	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 1/2	80	20
69908034052	99715650120			120	20
<b>Trizact grinding belts</b>					
69908034016	23735650160	35 x 650	1 3/8 x 25 1/2	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 3/8 x 25 1/2	Medium	5
69908034021	35650AVFXS	35 x 650	1 3/8 x 25 1/2	Extra-fine	5
69908034013	15650AMEDXS	15 x 650	5/8 x 25 1/2	Medium	5
<b>Super polishing belts</b>					
69908034043	72135650	35 x 650	1 3/8 x 25 1/2	Yellow	1



## SURFACE FINISHING

### PIPE SANDERS

**For high performance polishing of stainless steel pipes, FEIN pipe sanders complete with accessory selection covering rough sanding to mirror finish.**

**RS 12-70E PRO SET:**

**Pipe sander with accessories for stainless steel tubes 3/8" to 3 1/8"**

**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



**RS 12-70E**



<b>Model</b>	<b>RS 12-70E</b>
<b>Order #</b>	<b>72211351035</b>
Power input	1,200 W
Speed RPM	2,500 to 7,000
Minimum wall clearance	2" (50 mm)
Pipe diameter	3/8 to 3 1/8" (10 to 80 mm)
Cord length	13 ft. (4 m)
Weight (EPTA)	8.3 lbs (3.8 kg)





### PIPE SANDERS



ACCESSORIES FOR RS 12-70E				
Description	Order #	Pack	Size	Grit
<b>Fleece belts</b>	63714056016	5	1 <sup>9</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>16</sub> " (40 x 815 mm)	80
	63714057010			120
	63714058018			280
	69908034252			Coarse
	69908036110			Medium
	69908036135			Fine
<b>Sanding belts</b>	69908034025	10	13/16 x 32 <sup>1</sup> / <sub>16</sub> " (20 x 815 mm)	80
	63714050015			120
	63714051014			180
	63714052017			320
	63714053011			400
	69908034234	10	1 <sup>9</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>16</sub> " (40 x 815 mm)	600
	69908034253			60
	69908036109			80
	63714054019			120
	63714055013			180
69908034235	280			
<b>Ceramic belts</b>	63714130010	10	13/16 x 32 <sup>1</sup> / <sub>16</sub> "	80
	63714131010	10	1 <sup>9</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>16</sub> "	80
<b>Polishing belts</b>	63726010018	3	13/16 x 32 <sup>1</sup> / <sub>16</sub> "	-
Guide pulleys	31335017011	Minimum wall distance 2"		
Stepped roller	31335019010	1 roller, 1 nut, 2 bearings		



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



**SURFACE FINISHING**

**FLEX-SHAFT / STAINLESS**

**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

**Stainless Steel. A material with a future.**

Architecture, railings, tank fabrication, commercial kitchens, ship building, furniture, swimming pools and more.

Stainless steel has enormous potential. FEIN can show you which solutions are most suitable for which applications and how you can complete them step by step.



- ▶ **Surface cleaning**
  - ▶ **Deburring**
  - ▶ **Weld seam removal**
  - ▶ **Scratch removal**
  - ▶ **Material removal and mitre grinding**
- 
- ▶ **Notching**
  - ▶ **Satinizing**
  - ▶ **Finish development**
  - ▶ **Fine finishing**
  - ▶ **Polishing to mirror finish**



**VARIABLE SPEED POLISHERS**

**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. Excellent results in steel, stainless steel, sheet metal and more.



**Also available in application-oriented polishing and finishing sets as shown on pages 54-55.**

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



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.



**SURFACE FINISHING**

**POLISHER 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.



**BASIC POLISHER SETS**

Contains: WPO 14-25E polisher with mounting equipment plus large case, side handle, hand guard, holder and 4" double keyway mandrel

Order #	Description	RPM	Power
<b>69908030007</b>	<b>WPO 14-25E BASIC SET</b>	900 - 2,500	1,200 W
<b>69908030001</b>	<b>WSG 17-70 INOX BASIC SET</b>	2,500 - 8,000	1,500 W
<b>69908030049</b>	<b>WSG 17-70 INOX R BASIC SET</b>	2,500 - 8,000	1,500 W

**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 pattern is required.

**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



**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.



## SURFACE FINISHING



### POLISHER SETS

**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.



**BLENDING SET**

Produce finishes without transitions, streaks or blending lines with FEIN non-woven wavy sinus wheels. Unique satin finishing wheels made of folded non-woven grinding material. Ideal for nearly all materials and especially suitable for stainless steel surfaces.

**Order #: 69908030053**

**WPO 14-25E BLENDING SET for perfect finishes**

Qty.	Contents	Ref. #
1	WPO 14-25E Basic Set	69908030007
1	4x4" wavy sinus wheel orange coarse grit 80	69908034008
1	4x4" wavy sinus wheel red medium grit 120	69908034009
1	4x4" wavy sinus wheel yellow fine grit 180/240	69908034005
1	4x4" wavy sinus wheel green v-fine grit 280/320	69908034006



**POLISHING GUARD SYSTEMS** for use with all polishing accessories on pages 56 to 60

**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

**GENERAL ACCESSORIES**

Order #	Description
69908030131	Replacement screw for keyway mandrels
33901122010	Large carrying case
69908034004	Polisher Retrofit Accessory Kit: includes mandrel 90x100mm, handle and guard



**SURFACE FINISHING**

**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
<b>Polishing gum wheels</b>	63721006012	4x4"	Green	60	1
	63721007016	4x4"	Blue	180	1
	63721054010	4x2"	Green	60	1
	63721055010	4x2"	Blue	180	1
<b>Sinus fleece wheels</b>	63721051010	4x4"		180	1
	63721056010	4x2"		180	1
<b>Cool backing pad 5/8-11"</b>	63806197010	3"			1
	63806194010	4 1/2"			1
<b>Sanding discs</b>	63728096019	4 1/2"	A10	80	50
<b>Pyramix sanding discs</b>	63717239010	4 1/2"	A65	280	5
	63717240010	4 1/2"	A45	400	5
	63717241010	4 1/2"	A30	800	5
	63717242010	4 1/2"	A16	1,400	5
<b>Super polishing disc</b>	69908034190	6"	Ref.E80750N		1
<b>Rhombus polishing block</b>	63719007010	For hand polishing			



**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

**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			





## SURFACE FINISHING



### POLISHING ACCESSORIES

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	
	69908034183	E49180	30x600	180	
<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.





## SURFACE FINISHING

### 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> Ultimate performance and life	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	69908034284	E42540	90x100	40
	69908034266	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 FEIN soft bond Blue	63721006012	-	100x100	60
	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



## SURFACE FINISHING



### 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 - self-adhesive	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



## SURFACE FINISHING

### 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	



#### BUFFS:

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	
69908034074	C8x1/2x5/8 90 COTTON		
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		



## SURFACE FINISHING



### POLISHING ACCESSORIES



Specially formulated polishing compounds for superior results in specific applications.



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.



**SURFACE FINISHING**

**OSCILLATING TOOLS**

**The FEIN MULTIMASTER oscillating MultiTool for professionals. 1,000 options, 1 system.**

**New MULTIMASTER 300, 500, and 700. Corded and cordless version tools and sets and the largest range of accessories in the world.**

- Starlock snap-fit mounting system for maximum transfer of power from tool to accessory.
- Tool changes in under 3 seconds with patented, tool-free, FEIN rapid-clamping system.
- Anti-vibration system.
- Overload protected motor.
- Easy handling.



**FEIN MULTIMASTERS(CORDED) \***

<b>TYPE</b>	<b>MM 300 PLUS START</b>
<b>INCLUDES</b>	+ MULTIMASTER MM 300 Plus + Plastic carrying case + E-Cut Long-Life saw blade 1-3/8" (35 mm) + E-Cut Long-Life saw blade 2-1/2" (65 mm) + E-Cut universal saw blade 1-3/4" (44 mm)
<b>ORDER #</b>	<b>7 229 72 61 09 0</b>

**\* For Cordless MultiMasters see:  
18V Page 91  
12V Page 97**

**Ask for the new FEIN Oscillating Catalogue containing the full product offering; tools, applications, new accessory kits and complete line of accessories.**

<b>TYPE</b>	<b>MM 500 PLUS TOP</b>
<b>INCLUDES</b>	+ MULTIMASTER MM 500 Plus + Perforated sanding pad + E-Cut Long-Life saw blade 3/8" (10 mm) + 20 perforated sanding sheets + 2 x E-Cut Long-Life saw blade 1-3/8" (35 mm) (5 ea. grits 60, 80, 120, 180) + 2 x E-Cut Long-Life saw blade 2-1/2" (65 mm) + Plastic carrying case + E-Cut Carbide Pro saw blade 1-1/4" (32 mm) + Carbide segment saw blade Ø 3" (75 mm) + Carbide rasp 3-1/8" (80 mm) + Rigid scraper + Anti-static dust extraction device
<b>ORDER #</b>	<b>72296761090</b>

<b>TYPE</b>	<b>MM 700 MAX TOP</b>
<b>INCLUDES</b>	+ MULTIMASTER MM 700 Max + Triangular carbide rasp + 2 x E-Cut curved saw blade 1-3/8" (35 mm) + Rigid scraper + 2 x E-Cut curved saw blade 2-1/2" (65 mm) + Multi-knife blade + E-Cut Precision saw blade 1-3/8" (35 mm) + Perforated sanding pad + E-Cut Precision saw blade 2-1/2" (65 mm) + 40 sanding sheets + E-Cut Long-Life saw blade 3/8" (10 mm) (10 ea. grits 60, 80, 120, 180) + 2 x E-Cut Long-Life saw blade 1-3/8" (35 mm) + Dust extraction device + E-Cut Long-Life saw blade 1-1/4" (32 mm) + Plastic carrying case + E-Cut Long-Life saw blade 1-5/8" (42 mm) + E-Cut Carbide Pro saw blade 1-1/4" (32 mm) + Segmented saw blade 3-11/32" (85 mm) + HM segmented saw blade Ø 3" (75 mm) + Mushroom-shaped cutting blade
<b>ORDER #</b>	<b>72296861090</b>

# SURFACE FINISHING



## OSCILLATING TOOLS

### New Application-Oriented Accessory Kits

Choose exactly what you need for your application from three types of kits: COMBO, BEST OF and PROFESSIONAL. Benefit from significant savings.

Whether it's wood, metal, floors, tiled surfaces, small recesses, and more - each of the accessory kits contain the most important accessories for specific applications.

- + Perfect combinations
- + Price advantage

### Most Versatile Accessory Assortment

- + Over 180 accessories in all 3 Starlock performance classes
- + Countless accessory options for sawing, sanding, polishing, separating, filing, scraping, cutting and cleaning.
- + Rigid stainless steel holders ensure completely smooth running and precise results.



## 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 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.





## DUST EXTRACTION

### DUST EXTRACTORS

#### Enjoy uninterrupted work with the 92030 XAC 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.

- Large working area radius due to its 25 ft power cord and 13 ft 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.

FULLY  
AUTOMATIC  
92030  
TURBO XAC



#### FEIN PREMIUM TURBO DUST EXTRACTORS

Order # / Description	Includes
<b>92029060090</b> <b>92029 TURBO X</b>	Push handle, flat pleated filter PES, fleece filter bag, suction hose 13 ft x 1 3/8", tool coupling with suction control, step adaptor, accessory kit #31345071020
<b>92030060090</b> <b>92030 TURBO XAC AutoClean</b>	Push handle, flat pleated filter PES, disposal bag, suction hose 13 ft x 1 3/8", tool coupling with suction control, step adaptor, accessory kit #31345071020
<b>92030060990</b> <b>92030 TURBO XAC HEPA AutoClean</b>	Push handle, flat pleated filter HEPA, disposal bag, suction hose 13 ft x 1 3/8", tool coupling with suction control, step adaptor, accessory kit #31345071020

#### Accessory Kit

For wet/dry pick up  
Order #: 31345071020



Technical Specifications		92035 TURBO I	92036 TURBO II	92029 TURBO X	92030 TURBO X AC
AutoClean		-	-	-	YES
AutoStart		YES	YES	YES	YES
Suction control		YES *	YES *	YES	YES
Watts	W	1,100	1,100	1,100	1,100
Air volume (at blower)	cfm (l/s)	151 (71)	151 (71)	151 (71)	151 (71)
Sound pressure level	dB(A)	67	67	69	69
Weight	lbs (kg)	17.9 (8.1)	20 (9.1)	29.7 (13.5)	31 (14)
Static water lift	in (mbar)	98.4 (245)	98.4 (245)	98.4 (245)	98.4 (245)
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 (22)	8.4 (32)	9.2 (35)	9.2 (35)
Cable	ft (m)	19.7 (6)	19.7 (6)	25 (7.6)	25 (7.6)

\* with tool coupling



## DUST EXTRACTION



### DUST EXTRACTORS

#### FEIN Turbo Vacuums - durable and quiet.

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.

- 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. 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 accessories and filtering options available.
- Ideal when used with FEIN dust-free sanders and most tools with dust extraction capabilities.
- **Anti-static capable through use of optional anti-static accessories.**



**92035  
TURBO I**



**92036  
TURBO II**

#### FEIN TURBO DUST EXTRACTORS

Order #	Description
92035236090	<b>92035 TURBO I</b> Includes: suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, cellulose flat filter, non-woven filter bag
92035060090	<b>92035 TURBO I SET</b> Turbo I contents above plus Accessory Kit # 31345071020
92036236090	<b>92036 TURBO II</b> Includes: suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, cellulose filter, non-woven filter bag
92036060090	<b>92036 TURBO II SET</b> Turbo II contents above plus Accessory Kit # 31345071020
92036236990	<b>92036 TURBO II HEPA</b> Includes: suction hose 13 ft (4 m) x 1 3/8" (35mm), tool coupling with suction control, HEPA filter, non-woven filter bag
92036060990	<b>92036 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

#### ACCESSORIES

For Turbo I models 92027, 92035

For Turbo II models 92028, 92029, 92030, 92036

Order #	Description	Pack
31345071020	Accessory Kit for wet/dry pick up	1
31345012010	Cellulose flat pleated filter - 1 micron	1
31345059010	Flat pleated wet/dry filter (PES) - 1 micron	1
31345060010	Flat pleated HEPA filter - 0.3 micron	1
31345274010	Flat fold cleanable HEPA filter - 0.3 micron	1
31345061010	Non-woven filter bags 25L for Turbo I	5
31345062010	Non-woven filter bags 35L for Turbo II	5
31345251010	Premium reinforced fleece filter bags Turbo II	5
31345130010	Hepa filter bags for Turbo II	3
31345064010	Permanent filter (replaces fleece filter bags)	1
31345063010	Disposal bag for AC models	5
31345065010	Suction hose - Dia. 1 1/16" x 13 ft. long (27mm x 4m)	1
31345066010	Suction hose - Dia. 1 3/8" x 13 ft. long (35mm x 4m)	1
31345067010	Extension hose - Dia. 1 1/16" x 8 ft. long (27mm x 2.5m)	1
31345068010	Extension hose - Dia. 1 3/8" x 8 ft. long (35mm x 2.5m)	1
31345121010	Anti-static hose - Dia. 1 1/16" x 13 ft. long (27mm x 4m)	1
31345120010	Anti-static hose - Dia. 1 3/8" x 13 ft. long (35mm x 4m)	1
31345250010	Anti-static tool coupling with suction control 1 1/16" (27mm) hose	1
31345300010	Anti-static tool coupling with suction control 1 3/8" (35mm) hose	1
31345069010	Replacement hose end kit (tool) - Dia. 1 3/8" (35mm)	1
31345070010	Elbow handle - Fits 1 3/8 & 1 1/16" (35 & 27mm) hoses	1
31345263010	Elbow handle with air regulator - Fits 1 3/8 & 1 1/16" 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 1/4 x 1 1/4"	1
31345077010	Long bristle brush 4 3/4 x 1 3/4"	1
31345079010	Step adaptor (4 steps)	1
31345119010	Cable holder - attaches cable to suction hose	5

**Accessory Kit**  
**For wet/dry pick up**  
 2 metal extension tubes,  
 crevice nozzle, dusting brush,  
 elbow, combination nozzle  
 with inserts



**Flat filter**



**Fleece filter bags**



**Upholstery nozzle**



**Long brush**



#### Anti-Static Function

FEIN Turbo I and II models can be equipped with anti-static hose and tool coupling with suction control. The suction cups have a grounding contact which enables the electrostatic to be dissipated.

**Anti-static tool coupling**



**Anti-static hose**





### PORTABLE BAND SAWS

#### Femi NG120XL Metal Cutting Band Saw

Up to 60% faster than a traditional band saw due to its patented NG system.

- Powerful motor with electronic digital speed regulator for constant speed.
- Blade tensioning device with clutch (patented).
- Adjustable left cutting angle from 0° to 60° with quick lock at 45° and 60°.
- Double front and rear sliding saw blade guides.
- Base with flat surface for bench fixing.
- No lubrication required.
- Easy to carry.



NG120XL

#### BAND SAW

Order #	Description	Max. cut Ø	Power
69908030047	NG120XL Band Saw	120 mm	1,300 W
69908038200	Saw Blades 5-Pack - 1440x13x0.65mm 14 TPI		

#### Femi ABS NG160 Automatic Metal Cutting Band Saw for precision cuts.

#### Fully autonomous cutting cycle without operator.

- Push-click: 4 downfeed speeds with mechanical selector (arm block mechanical system for an easy and safe positioning of the piece).
- Automatic cut-off switch after finishing cutting operation.
- Safety emergency button to stop cutting.
- Energy saving 100% motor efficiency is granted by the exclusive ABS system.
- Maximum cutting versatility on all metal materials.
- NG system: up to 60% faster cutting.
- Powerful 2000 W single-phase motor equipped with digital electronic speed regulator for constant speed.
- Blade tensioning device with clutch (patented).
- Base with integrated quick sliding vice.



ABS NG160

#### BAND SAW

Order #	Description	Max. cut Ø	Power
69908030048	ABS NG160 Automatic Band Saw	160 mm	2,000 W
69908038201	Saw Blades 5-Pack - 1735x13x0.9mm Pitch 14		



**HACKSAWS**

**Cutting pipes with FEIN hacksaws - a cut above the others.**

FEIN ultra-powerful hacksaws are designed for cutting pipes and profiles even in high risk conditions. Cast iron, steel and plastic pipes used in processing plant and public supply networks can only be cut using special tools.

- High output and low stroke rate, designed for large dimension pipes.
- Ideally suited for cutting pipes and profiles made of steel, cast iron, autoclaved aerated concrete, and plastics.
- Very well suited to cutting sectional material.



**ASTXE 649-1**



**STS 325 R**

**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



90702001001



90702004006

**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 & JIGSAW BLADES

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.

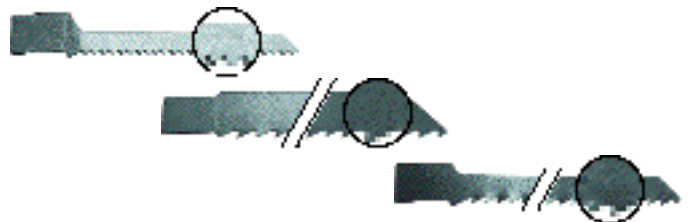
- Blades suitable for high alloy materials.
- Clamping devices for pipes, profiles and for mitre cuts up to 45 degrees.
- Clamp feed device for effortless precision cuts at a constant pressure.
- TD Blades - Borzon-coated, primarily for use on ductile cast-iron pipes with the clamp feed device.

## JIGSAW BLADES

Jigsaw blades match perfectly to the job at hand. U-Shank blades that fit the FEIN ASTE 636, ASTE 638, as well as Skil, Black & Decker, Ryobi, Kress and Porter Cable models.

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	3 <sup>1</sup> / <sub>2</sub> "	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
63503112010	21	3 <sup>1</sup> / <sub>2</sub> "	5
63503036014	12	3 <sup>1</sup> / <sub>2</sub> "	5
63503037018	8	3 <sup>1</sup> / <sub>2</sub> "	5
63503038016	6	3 <sup>1</sup> / <sub>2</sub> "	5
63503039010	6	3 <sup>1</sup> / <sub>2</sub> "	5
63503060010	36	3"	5
63503077014	21	4 <sup>1</sup> / <sub>2</sub> "	5





### 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

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

Unique auto-retracting blade guard for improved clearance





### METAL CUTTING SAWS BLADES

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/s2	6.75 m/s2	
Noise level			98 dB(A)
Weight	15 lbs (6.8 kg)	21 lbs (9.5 kg)	54 lbs (24.4 kg)



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

Designed for fast and accurate cuts in mild and thin metal, aluminium and stainless steel. Compared to traditional abrasive-type blades, Sluggger metal blades perform faster, more accurate cuts, and maintain a lower temperature with less dust. All Sluggger saw blades are made with longevity and durability in mind. Get more cuts with Sluggger blades than with a fibre disc.



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

METAL CUTTING SAW BLADES				
Order #	For	Capacity *	Total # 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>7 1/4" (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	



## BEVELERS B-LINE

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

- Cost effective solutions for weld preparation that will improve your manufacturing process.
- Made from premium quality components.
- Certified for sale in Canada.



#### B10 / B15 Electra

- Durable, powerful hand-operated bevelers for beveling and deburring steel, aluminium and other materials.
- High performance FEIN motor and gearbox.
- Unique ErgoGrip design for fatigue-free work

#### B-LINE Hand Feeding (MANUAL)

Type	Max. bevel width	Bevel angle	Rounding of the edge
<b>B10 ELECTRA Beveler</b> Electric 110V	10 mm (0.4")	30°, 37.5°, 45° 50°, 60°	R 2.5mm (0.08"), R 3.5mm (0.12"), R 4mm (0.16")
<b>B15 ELECTRA Beveler</b> Electric 110V	15 mm (0.6")	30°, 37.5°, 45° 50°, 60	R 2.5mm (0.08"), R 3.5mm (0.12"), R 4mm (0.16")
<b>B22 ZERO Beveler</b> Electric 220V/3 and 110V/1	20 mm (0.79")	0° - 60° FACING	-

#### B3 Stationary Deburring System

Electric 110V system for deburring and beveling of parts and workpieces

<b>B15 AIR Beveler</b> Pneumatic - heavy duty	2 mm (0.08")	30°, 37.5°, 45° 50°, 60°	R 2.5mm (0.08"), R 3.5mm (0.12"), R 4mm (0.16")
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#### B2 AIR Hand-held Deburring System

Pneumatic deburring system that fits in the palm of your hand

#### B-DOCK Docking Station

Transforms the B10 Electra or B15 Electra into a stationary tool



FEIN Canada, the solution provider to the Canadian metalworking market, is pleased to partner with N.K.O Machines - a prominent world manufacturer of high quality efficient beveling systems.

N.K.O Bevelers are among the world's best, bringing innovation and a new revolutionary solution to the sphere of bevelling systems.





## BEVELERS UZ-LINE

**Improve productivity and the complete welding process with UZ auto-feed plate bevelers.**

- Cover a wide range of materials (steel, brass, copper, aluminum, stainless steel).
- Material thickness from 0.12” to 3.15” (3 to 80 mm).
- Double-sided beveling without flipping the plate.
- Precise and accurate machining surface for perfect welding assembly.
- Optional 3D Manipulator allows the machine to “float” on the metal plate.
- Certified for sale in Canada.



### UZ-LINE Automatic Feeding (AUTOFEED)

Type	Max. bevel width	Bevel angle
<b>UZ12 ULTRALIGHT Beveler</b> Electric 220V/3	12mm (0.47")	22.5°, 30°, 37.5°, 45°, 50°
<b>UZ15 RAPID Beveler</b> Electric 220V/3	15mm (0.6")	15° - 50°
<b>UZ18 HARDWORKER Beveler</b> Electric 220V/3	18mm (0.71")	15° - 50°
<b>UZ29 SPEEDER Beveler</b> Electric 220V/3	29mm (1.14")	22.5°, 30°, 37.5°, 45°, 50°
<b>UZ30 EXPRESS Beveler</b> Electric 220V/3	30mm (1.18")	30° - 60°
<b>UZ50 TRIUMPH Beveler</b> Electric 220V/3	62mm (2.44")	15° - 60°



For product information pm the full range of B-Line and U-Line bevelers and accessories, refer to the Beveler Catalogue.





# SHEET METAL WORK

## NIBBLERS

### 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.

- Ideally suited to trapezoid sheet metal, corrugated sheet metal, profiles and curved single rolled sheets.
- Extremely versatile and curve-compatible.
- FEIN QuickIN rapid change system for rapid, tool-free punch and die changes.
- Optimum power-to-weight ratio.
- E models feature electronic speed control.



BLK 3.5

ELECTRIC NIBBLERS		
With electronic speed control		
Order #	Model	Description
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)

ELECTRIC NIBBLERS		
Order #	Model	Description
72323012635	BLK 3.5	9 gauge 9/64" (3.5mm)
72323112634	BLK 5.0	6 gauge 3/16" (5.0mm) with chip bag



**For cordless nibblers see page 90**



# SHEET METAL WORK



## SHEET METAL SHEARS

### FEIN Shears for maximum cutting performance.

The right choice for those who value the highest cutting performance in sheet metal and stainless steel and are looking for an especially reliable and efficient power tool.

#### FEIN Slitting Shears

- Clean, distortion-free cutting of sheet metal, profiles and pipes.
- Creates just one continuous chip.
- Also suitable for cutoffs and cutouts.
- Electronic speed control.

#### FEIN Sheet Metal Shears

- Indexible cutting blades with four sides for clean and burr-free cutting.
- Good curve precision with low sheet-metal distortion.
- Unrestricted view of the cutting line.
- Electronic speed control.



**BLS 2.5**

#### SLITTING SHEARS

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 1/16" (1.6mm) with integrated chip cutter
<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		

#### UNIVERSAL SHEARS

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		



**For cordless shears see page 90**



## SHEET METAL WORK

### NIBBLERS & SHEARS ACCESSORIES

#### NIBBLER 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

#### NIBBLER 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

#### SHEAR ACCESSORIES

Order #	Description
BSS 1.6 E, BSS 1.6 CE, ABSS 1.6 E	
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
BSS 2.0 E	
31308110003	Blade for up to 2.0mm (each)
31308123008	Blade for stainless steel (each)
31308113009	Set of cutting bars

#### SHEAR ACCESSORIES

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

#### GENERAL ACCESSORIES

Order #	Description
33901118010	Carrying case
32132020129	Cutting paste



# SHEET METAL WORK



## NIBBLERS & SHEARS - CAPACITIES

<b>NIBBLERS</b>	<b>STEEL</b>	<b>STAINLESS</b>	<b>ALUMINIUM</b>
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.
<b>SHEARS</b>	<b>STEEL</b>	<b>STAINLESS *</b>	<b>ALUMINIUM</b>
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**



# TAPPING

## TAPPERS

### One-step tapping from start to finish with FEIN.

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

- 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.



GWP 10



### TAPPER

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



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

**For cordless tappers see page 87**

## TAPPING / DRILLING



### HOLE SAW / TAPPER

**One system for all hole drilling applications: twist drilling, tapping, countersinking and hole sawing in sheet metal.**

KBH 25-2U hand-held core drill combines the advantages of four drilling applications into a single system. Its innovative drilling technology provides unmatched cost-effectiveness and the maximum in flexibility and versatility.

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



**Tapping**



**Twist Drilling**

ACCESSORIES FOR KBH 25	Order #
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
Keyless jaw chuck	63901054010
Keyed jaw chuck 1/2"	63202030015

Model	KBH 25-2U	
Order #	72710361090	
Hole Ø steel / stainless carbide core bit	in (mm)	1" (25)
Hole Ø light metal & aluminium carbide core bit	in (mm)	13/16" (30)
Carbide core bit max. drilling depth	in (mm)	13/16" (20)
Hole Ø steel / stainless steel carbide hole saw	in (mm)	3 1/8" (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 1/4" (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 1/16" (27)
Collar Ø	in (mm)	1 11/16" (43)
Cable with plug	ft (m)	13 (4)
Weight EPTA	lbs (kg)	7 1/4" (3.3)
<b>Includes:</b> pilot bit, side handle, rapid action chuck, tapping chuck, cutting spray, plastic carrying case		



DRILLING

HAND DRILLS

**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
72055560090	BOP 13-2	1/2" Two-speed Reversing Drill	0 - 440 / 0 - 1,300
72054551070	BOP 10-2	3/8 / 5/16" Variable Speed Reversing Drill	0 - 460 / 0 - 1,350

**Includes:** handle, carrying case

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



**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 JIG / BALANCERS

#### Professional quality portable drill jig.

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

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

**SPECIAL ORDER**



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 Ø 53 to 43 mm

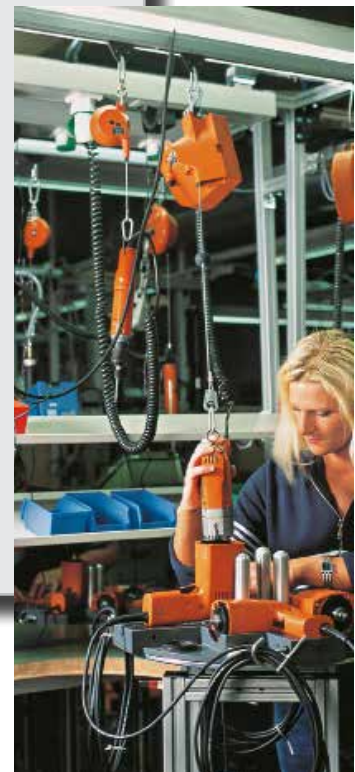
#### FEIN Balancers increase ease of use and operating safety.

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





## WELDING POSITIONERS

**Increase weld productivity and improve weld quality with Roto-Star welding positioners.**

- Equipped with surface plates that add versatility when welding irregular shapes and materials.
- Machined from solid aluminum, these plates provide a quality work surface suitable for most welding applications.



**SPECIAL ORDER**

### ROTO-STAR WELDING POSITIONERS

Order #	Description
31343790030	<b>ROTO-STAR I</b> with 6" chuck, standard foot pedal and control box
31343790130	<b>ROTO-STAR I</b> with 6" chuck, variable speed foot pedal and control box
31343790090	<b>ROTO-STAR I-P</b> with 12" plate, standard foot pedal and control box
31343790120	<b>ROTO-STAR I-P</b> with 12" plate, variable speed foot pedal and control box
31343790140	<b>ROTO-STAR III</b> with 8" chuck, standard foot pedal and control box
31343790260	<b>ROTO-STAR III</b> with 8" chuck, variable speed foot pedal and control box
31343790210	<b>ROTO-STAR III-P</b> with 16" plate, standard foot pedal and control box
31343790250	<b>ROTO-STAR III-P</b> with 16" plate, variable speed foot pedal and control box

### ACCESSORIES

31343710090	Purge plug
31343710010	12" surface plate for Roto-Star 1
31343710030	16" surface plate for Roto-Star 3
31343790010	Idler roller assembly
31343710060	Arm rest



Models 120V **	ROTO-STAR I	ROTO-STAR III	ROTO-STAR I-P	ROTO-STAR III-P
Chuck	6"	8"	-	-
Fixed rotary table dia.			12"	16"
Optional rotary table dia.	12"	16"		
Rotation at 0° (max.)	16"	20"	16"	20"
Vertical carrying capacity	200 lbs.	250 lbs.	200 lbs.	250 lbs.
Horizontal carrying capacity	100 lbs.	150 lbs.	100 lbs.	150 lbs.
Internal chuck diameter	1½"	2½"	1½"	2½"
Spindle speed RPM	0 to 10	0 to 8	0 to 10	0 to 8
Tilt adjustment*	0 to 90°	0 to 90°	0 to 90°	0 to 90°
Grounding capacity	300A	300A	300A	300A
Weight	60 lbs.	90 lbs.	45 lbs.	65 lbs.

\* Adjusts in 15° increments

\*\* Available in 220V single phase



## HIGH-FREQUENCY / PIPE MILLING

### High-frequency grinders from FEIN for tough and continuous use.

As one of the first and world's leading manufacturers of high-frequency power tools, FEIN has produced durable, powerful and usage-focused grinders for industry and manual trades since 1953.

Designed for demanding and continuous use, for example in foundries, steel or shipbuilding. From small compact angle grinders to extremely powerful and large angle grinders to a wide range of straight grinders, the FEIN high-frequency range is the answer to challenging applications.



### FEIN Pipe Milling Machines Quick assembly, precise results.

The new FEIN high-performance RSG/RDG 1500 pipe milling tool makes the process of cutting pipe before laying it, and even cutting pipe that has already been laid, even more precise and efficient. Its light weight makes the tool easy to set up.

New cutting technology allows the RSG/RDG 1500 to make straight clean cuts. Perfect for processing cast pipes or steel pipes for oil, gas, and water lines such as those used in pipelines, public supply networks, power plants, process engineering systems and tank construction.





## FEIN CORDLESS OVERVIEW

### 12 V and 18 V product lines, high performance tools made for metal.

Enter the FEIN cordless world. Filled with mag drills, tappers, angle grinders, die grinders, nibblers, sheet metal shears, drill-drivers, impact wrenches, hammer drills, screwdrivers and oscillating tools. This well-rounded, flexible cordless platform offers you high performance tools for metalworking and fastening applications.

FEIN high quality batteries and smart chargers provide reliability and long service life. And the wide selection of FEIN and VersaDrive drilling accessories expands your application possibilities even further.





## FEIN BATTERIES

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

#### Advantages

- Long service life due to high-quality cells.
- FEIN SafetyCell Technology for protection of battery and tool from overload, overheating and deep discharge.
- Parallel connection of the cells increase the capacity and efficiency.
- No memory effect, battery can be charged at any time.
- Practically no self-discharge, charged battery packs remain charged for months.
- Charge indicator on each battery shows the user what stage of charge the battery is at.
- High amperage for sustained excellence while working with high speed stability.

\* **Fully compatible** HighPower battery can be used with all FEIN 18V cordless tools with high-current-capable cells.



Battery Starter Set



Description	Voltage	Capacity	Order #
<b>BATTERY STARTER SETS</b> 2 batteries with ALG 80 charger	18V	5.2 Ah HighPower *	92604320010
	18V	6 Ah	92604314090
	18V	3 Ah	92604315090
	12V	6 Ah	92604327090
	12V	3 Ah	92604326090
<b>BATTERIES</b>	18V	5.2 Ah HighPower *	92604179020
	18V	6 Ah	92604175020
	18V	3 Ah	92604182020
	12V	6 Ah	92604184020
	12V	3 Ah	92604183020



### MultiVolt Interface

FEIN cordless with MultiVolt interface can be operated with all FEIN Li-ion batteries from 12 to 18 V. When using batteries with lower output, the output is adapted to the cordless tool.

#### FEIN tools with MultiVolt interface:

- ▶ Cordless drill/drivers
- ▶ Cordless impact wrenches
- ▶ Cordless angle grinders
- ▶ Cordless die grinders
- ▶ Cordless nibblers
- ▶ Cordless sheet metal shears
- ▶ Cordless sheet metal slitting shears
- ▶ Cordless MultiMaster MM700



## FEIN BATTERIES

### FEIN Smart Chargers for Li-ion batteries

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

**Compact USB battery adaptor** for mobile charging of smartphone, tablet etc. 2 high-speed USB charging ports for fast charging with 2 x 1.2 amps.

Suitable for iOS and Android. Compatible with all 12/14/18 V FEIN Li-ion batteries.

### ALG 80 \*

The FEIN ALG 80 is a rapid charger with 8A charging current for short charging times.

- 100% compatible with all FEIN Li-Ion 10.8 to 18 volt batteries.
- Large led display gives you a clear view of the charging level.
- Quick but gentle battery charging achieved by Constant Current Constant Voltage (CCCV) charging process: 80% of capacity is charged at the maximum charging current and the remaining 20% at constant voltage and a lower charging current.
- USB connection for charging of devices like smart phones and tablets.
- Robust design for construction site use.



Description	Model	Order #
<b>CHARGERS</b>	ALG 80	92604188010
<b>USB ADAPTOR / CHARGER - Dual</b>		92604201010

- \* Charge times  
(80% of max. capacity)
- 12 and 18V / 3Ah: 31 min
  - 12 and 18V / 6Ah: 38 min
  - 18V / 5.2Ah: 33 min

### My.FEIN App

Once downloaded from Google play store (Android) or the App Store (iPhone) and the App is set up on your smart device, you will be able to:

- Manage you registered tools at a glance.
- See all FEIN tools registered for the 3YG warranty plus convenient registration via type plate scanner.



**CORDLESS WORLD**



**18V CORDLESS MAG DRILL / TAPPER**

**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 AJMU137 PMQW provides maximum function for any type of work on a construction site. All that, with the mobility and freedom that a cordless tool brings.

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

**For full specifications on the AJMU137 PMQW, see page 11 in the Core Drilling section.**



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

**FEIN Cordless 18V Tapper AGWP 10  
One-step tapping from start to finish.**

- Fast and precise with reversing gear for reduced work times.
- Outstanding precision, straight and accurate
- Ergonomic grip with low vibration for fatigue-free work.



<b>Cordless 18V Tapper</b>			
Model #	Description	RPM - Full Load	SELECT* Order #
<b>AGWP 10</b>	<b>5/16" Tapper</b> (chuck not included)	0-440 / 0-670	<b>71090162090</b>
	Floating jaw chuck		63206041008
	Depth stop		32127005006

**\* SELECT tools are bare tools, no batteries or charger.**



CORDLESS WORLD

18V CORDLESS ANGLE GRINDERS

FEIN 18V POWER



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



Model #	Size	Switch Style	No load speed RPM	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

SELECT includes: Guard, quick-action clamping nut, anti-vibration handle, wrench, case.

BASIC includes: 2 Li-ion HighPower batteries 5.2 Ah, charger ALG 80, guard, quick-action clamping nut, anti-vibration handle, wrench, case.





**18V CORDLESS DIE GRINDERS**

**For effective cutting, grinding, deburring and milling work.**

**Cordless Die Grinders**

- Work in difficult to access areas.
- 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.

FEIN MultiVolt capable: die grinders can be operated with all FEIN Li-ion batteries (12 to 18V).



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

**\* SELECT tools are bare tools, no batteries or charger.**

**See page 61 for die grinder collets**

<b>Guards for Cordless Angle Grinders</b>		
Order #	Size	For
31810299000	4½"	CCG 18-115 BL CCG 18-115 BLPD
31810300000	5"	CCG 18-125 BL CCG 18-125 BLPD



For FEIN high performance abrasives, see the FEIN Abrasives section, page 120.



**CORDLESS WORLD**

**18V CORDLESS NIBBLERS / SHEARS**

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

**FEIN Cordless 18V Nibblers**

FEIN Nibblers are the tools of choice for jobs entailing particularly difficult, precise cuts.

- Extremely versatile and curve-compatible.
- Ideal for trapezoid sheet metal, corrugated sheet metal, profiles and curved single rolled sheets.
- Comfortable and lightweight for effortless manoevrability.

**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.
- Provide clean, distortion-free cutting of sheet metal, profiles and pipes – with just one continuous chip.



ABLK 18 1.6 E

For blades and accessories see page 76.

Model #	Description	SELECT* Order #
<b>Cordless 18V Nibblers</b>		
ABLK 18 1.6 E	16 gauge Universal Nibbler 1/16" (1.6 mm)	71320461090
ABLK 18 1.3 TE	18 gauge Trapezoidal Nibbler 3/64" (1.3 mm)	71320661000
ABLK 18 1.3 CSE	18 gauge Corrugated Nibbler 3/64" (1.3 mm)	71320561090
<b>Cordless 18V Shears</b>		
ABLS 18 1.6 E	16 gauge Sheet Metal Shears 1/16" (1.6 mm)	71300461090
ABSS 18 1.6 E	16 gauge Slitting Shears 1/16" (1.6 mm)	71300361090

\* SELECT tools are bare tools, no batteries or charger.

ABLK 18 1.6 E



ABLS 18 1.6 E



ABSS 18 1.6 E





**18V CORDLESS OSCILLATING TOOLS**

**FEIN 18V Cordless multitools, innovative high performance oscillating tool systems and proven by professionals around the world.**

- Starlock snap-fit mount and QuickIN tool-free release lever.
- Patented anti-vibration system.
- FEIN PowerDrive motors with tacho-generator and quality electronics for constant speed under load.
- Extremely extensive accessory range to cover every need.



AMM 500

**Cordless 18V MultiMaster**  
 Universal use in interior construction and renovation for impeccable quality. Suitable for Starlock and StarlockPlus accessories.

Model #	Description	SELECT* Order #	TOP SET Order #
<b>AMM 500</b>	MultiMaster 18V Oscillating Tool	<b>71293362090</b>	<b>71293361090</b>

**TOP SET contains:** AMM 500 tool, backing pad, 20 perforated sanding sheet (5 ea. grits 60/ 80/120/180), rigid scraper blade, carbide rasp, carbide segment saw blade, 3 E-Cut Long-Life saw blades (10, 35 & 65 mm), E-Cut CarbidePro saw blade (32 mm), anti-static dust extraction device, 2 Li-ion batteries 3 Ah, rapid charger ALG 80, plastic carrying case

**Cordless 18V MultiMaster-Construction**  
 The highest performance system, indispensable in industries that require special application solutions as well as maximum power and service life. Suitable for Starlock, StarlockPlus and StarlockMax accessories.

Model #	Description	SELECT* Order #	TOP SET Order #
<b>AMM 700 MAX</b>	MultiMaster 18V Oscillating Tool	<b>71293462090</b>	<b>71293461090</b>

**TOP SET contains:** AMM 700 MAX tool, backing pad, 40 sanding sheet (10 ea. grits 60/80/120/180), rigid scraper blade, carbide rasp, carbide segment saw blade, HSS segment saw blade, mushroom-shaped cutting blade, multi-knife, 4 E-Cut Long-Life saw blades (10, 35, 32, 42 mm), 2 E-Cut standard saw blades (35, 65 mm), 2 E-Cut Precision saw blades (35 & 65 mm), E-Cut CarbidePro saw blade (32 mm), anti-static dust extraction device, 2 Li-ion batteries 3 Ah, rapid charger ALG 80, plastic carrying case

**\* SELECT tools are bare tools, no batteries or charger.**



**Download the FEIN oscillating brochure**  
 Extensive range of FEIN oscillating blades and accessories  
 Full line of FEIN oscillating tools and sets



CORDLESS WORLD

18V CORDLESS IMPACT WRENCHES

**Made for Metal - Drill, tap, ream and fasten with one tool.**

**FEIN Cordless 3/4" Impact Wrench ASCD 18-1000 W34**

- Repeatable consistent torque.
- Screw connections from 1/2" to 1 1/16".
- Brushless PowerDrive motor.
- 6-stage electronic torque setting to prevent screw heads from being torn off.
- MultiVolt interface.



Cordless 18V Impact Wrench		RPM No Load	SELECT* Order #
Model #	Description		
ASCD 18-1000 W34	Cordless 18V Impact wrench 3/4"	0 - 1,800	71150864090
	Reduction adaptor 3/4" to 1/2"		62415002010

**Highly versatile, ready for extended operation.**

**Cordless Impact Wrenches 1/2" & 1/4" ASCD 18-300 W2 & ASCD 18-200 W4**

- 6-stage electronic torque setting to prevent screw heads from being torn off.
- Brushless FEIN PowerDrive motor.
- Tightening and unscrewing screws up to size 3/4" (M18).



Cordless 18V Impact Wrenches		RPM No Load	SELECT* Order #	BASIC SET Order #
Model #	Description			
ASCD 18-300 W2	Impact wrench 1/2" square drive	0 - 1,700	71150664090	71150661090
ASCD 18-200 W4	Impact wrench 1/4" internal hex	0 - 1,500	71150764090	71150761090

\* SELECT tools are bare tools, no batteries or charger.





**18V CORDLESS HAMMER DRILL / SCREWDRIVER**

**Extremely light for tireless work.**

**FEIN Cordless Rotary Hammer Drill ABH 18**

Extremely compact and powerful SDS-PLUS cordless rotary hammer drill.

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



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

**For safe, flawless driving of self-drilling and thread-cutting screws.**

**FEIN cordless 18V metal 1/4" screwdriver ASCS 6.3**

- For use in roofing and facade construction as well as HVAC.
- Speed-optimized for fastenings in metal up to 1/4" diameter.
- Fully encapsulated and dustproof brushless FEIN PowerDrive motor.



Cordless 18V Screwdriver				SELECT* Order #
Model #	Description	RPM No Load	RPM Full Load	
ASCS 6.3	1/4" metal screwdriver	0-1,700	0-1,500	71131163090

**\* SELECT tools are bare tools, no batteries or charger.**





**CORDLESS WORLD**

**18V CORDLESS DRILL-DRIVERS**

**ABS**

**Cordless 2-speed Drill-Driver ABS 18 Q**

- Two-speed gearbox is completely dustproof, and brushless motor is 30% more efficient for maximum durability.
- 900 screw connections with one battery charge (3 Ah).
- Includes QuickIN solid metal drill chuck.
- MultiVolt interface.

**ASB**

**Cordless 2-speed Hammer Drill-Driver ASB 18 Q**

- Perfectly suited to drilling up to 3/8" (10 mm) in metal, stone and masonry.
- Solid metal gearbox with switchable striking mechanism.
- Mechanical torque setting and compact design.
- 900 screw connections (5 x 40 mm) with one battery charge (3 Ah).
- Includes QuickIN solid metal drill chuck.
- MultiVolt interface.



Model #	Description	SELECT* Order #	BASIC SET Order #
<b>Cordless 18V Drill-Driver</b>			
ABS 18 Q	2-speed drill driver 1/2"	71132264000	71132262090
<b>Cordless 18V Hammer Drill-Driver</b>			
ASB 18 Q	2-speed hammer drill-driver 3/8"	71132364000	71132362090

\* SELECT tools are bare tools, no batteries or charger.





**18V CORDLESS DRILL-DRIVERS**

**ASCM 18 QM: The wHOLE drilling system  
Designed for high performance work in metal.**

Tap, fasten, twist bit drill, core drill - all with the same tool and a fast and simple adaptor change.

**Cordless 4-speed Drill-Driver ASCM 18 QM up to 1/2"**  
Fully adaptable cordless system goes beyond just drilling and fastening.

- Quick changeovers between drilling, tapping, screwdriving and fastening.
- FEIN brushless high-power motor 30% more efficient and completely dustproof for maximum durability.
- FEIN QuickIN-Max Interface for tool-free adaptor changes
- 2,200 screw connections with one battery charge (6 Ah), 3/16" x 1 9/16" (5 x 40mm) in wood.
- Well-suited to drilling large diameters.

**ASCM 18 QSW Cordless 4-speed Drill-Driver**

- 4-speed solid metal gearbox with speeds up to 2,500 RPM
- Ideal for universal drilling and bolt tightening
- Smaller capacity in steel, wood and tapping.
- Smaller in size and lighter in weight.



**ASCM 18 QM**  
400 / 800 / 1,950 / 3,850 rpm

**ASCM 18 QSW**  
400 / 700 / 1,400 / 2,500 rpm

Model #	Description	SELECT* Order #	BASIC SET Order #
<b>Cordless 18V Drill-Drivers</b>			
ASCM 18 QM	4-speed drill-driver	<b>71161164090</b>	<b>71161161090</b>
ASCM 18 QSW	4-speed drill-driver	<b>71161264090</b>	-
Both models have FEIN MultiVolt battery capability			

**\* SELECT tools are bare tools, no batteries or charger.**





CORDLESS WORLD

12V CORDLESS TOOLS

**FEIN 12 volt drivers - as powerful as they are fast.**

**FEIN Cordless 12V 4-speed Drill-Driver ASCM 12 Q**

- 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.
- FEIN PowerDrive brushless motor.

**FEIN Cordless 12V Screwdrivers ABSU 12 W4C**

- Compact cordless 2-speed screwdriver 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 Driver ASCD 12-100 W4C**

- Short and light cordless impact wrench/driver with slim design.
- Powerful torque and long-life DC motor.



Model #	Description	SELECT* Order #	BASIC SET Order #
<b>Cordless 12V Drill-Driver</b>			
ASCM 12 Q	4-speed drill-driver	71161064090	71161061090
<b>Cordless 12V Screwdriver</b>			
ABSU 12 W4C	2-speed screwdriver 1/4" internal hex	71132164000	71132161090
<b>Cordless 12V Impact Wrench/Driver</b>			
ASCD 12-100 W4C	Impact driver 1/4" internal hex	71150364090	71150361090

\* SELECT tools are bare tools, no batteries or charger.







**12V CORDLESS TOOLS**

**FEIN 12V Oscillating multitool**

Optimum functionality with the universal cordless oscillating tool system for interior construction and renovation.

- Unique patented anti-vibration system for maximum user comfort.
- Fast cutting speed and precise results.
- Starlock Starlock snap-fit mounting system.
- Quick release lever.
- Robust metal drive head and gearbox.
- Made in Germany.
- Suitable for all Starlock and StarlockPlus accessories.



Model #	Description	SELECT Order #
<b>Cordless 12V Oscillating multitool</b>		
AMM 300	Cordless 12V MultiMaster Tool	71293262090
includes: AMM300 tool, E-Cut universal saw blade (44 mm) and plastic carrying case		



**Download the FEIN oscillating brochure**

Extensive range of FEIN oscillating blades and accessories

Full line of FEIN oscillating tools and sets

**FEIN MultiMaster AMM 300 SELECT**





**CORDLESS WORLD**

**FEIN QUICKIN DRILLING ACCESSORIES**

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

**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.

Suitable for: **ASCM 18 QM, ASCM 18 QSW, ABS 18 Q, ASB 18 Q, ASCM 12 Q**

**QuickIN Accessory Set**

For efficient metalworking.

- Contains:
- 1 bit holder 1/4"
- 1 tapping adaptor
- 1 socket adaptor 1/2"



Order #  
64203017020

**SKE core bit hole saw adaptor**

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

Order #  
64203006010



**Drill chuck**

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

Order #  
63208002010



**Angle head**

For drilling, tapping and screwdriving.

Order #  
64203008010



**Hole saw adaptor / KBH core bit**

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

Order #  
64203007010



**1/2" socket adaptor**  
Square drive.

Order #  
64203002010



**Drill chuck**

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

Order #  
63208005010



**Socket bit holder**  
1/4" hexagon.

Order #  
60510222010



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

Dia. 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





### FEIN TAPPING ACCESSORIES

#### Tapping Accessories for Cordless Drill-Drivers.

Adding even more versatility to the QuickIN accessories is a range of metric tapping adaptors and collets.

#### 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

Ø arbre mm	Carré mm	Order #
3.5	2.7	64203009010
4.5	3.4	64203010010
6	4.9	64203011010
7	5.5	64203012010
8	6.2	64203013010
9	7.0	64203014010
10	8.0	64203015010
11	9.0	64203016010



**VERSADRIVE**®  
PATENT PENDING

**CORDLESS WORLD**

## VERSADRIVE ACCESSORY LINE

**With the VersaDrive system of drilling accessories and you can now fasten, drill, tap and ream in metal with the ultimate in precision and versatility.**

### Advantages of working with VersaDrive

- The only Impact-Wrench rated double-hardened cutting accessories.
- Up to 15X faster results than current everyday methods.
- Quick-change adaptors for faster working.
- Non-slip 11.0mm hex shank on all accessories.
- Designed to fit all standard drill chucks for pistol and pillar drills.
- Modular system with a choice of drive methods and adaptors.
- Safer working with impact wrench anti-kickback.
- High grade tool steel, optimized design.

**See the VersaDrive Catalogue for the complete range of drilling accessories.**



VersaDrive is the only range of drilling and cutting accessories optimized for cordless power tools as well as workshop equipment, because you never know what challenges you are going to face next.

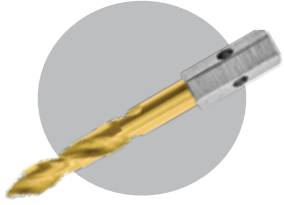


## CORDLESS WORLD

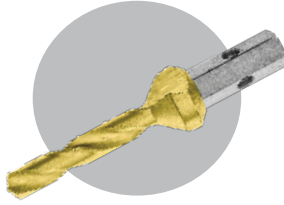
# VERSADRIVE<sup>®</sup>

PATENT PENDING

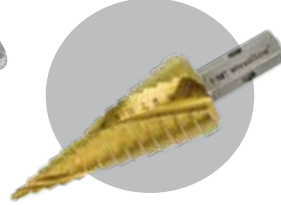
### VERSADRIVE ACCESSORY LINE



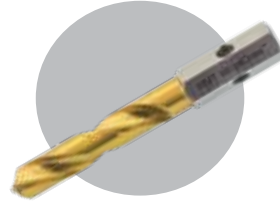
*VSD TurboTip  
Drill Bits*



*VersaDrive  
DrillSink Tool*



*VersaDrive  
Impact Step Drill*



*VersaDrive  
Cobalt Drill Bits*



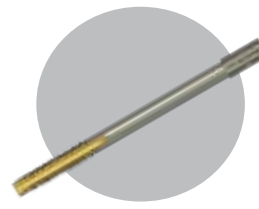
*VersaDrive Heavy-  
Duty Cobalt Drill Bits*



*VersaDrive  
ImpactaTaps (Metric)*



*VersaDrive  
ImpactaTaps (Inch Sizes)*



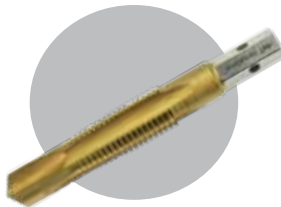
*VersaDrive  
ImpactaTaps (Long Series)*



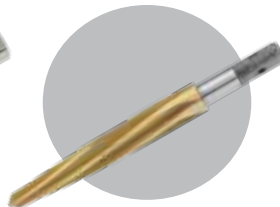
*VersaDrive  
ImpactaTaps (Spiral Flute)*



*VersaDrive Sheet  
Metal Drill Taps*



*VersaDrive Heavy  
Duty Drill Taps*



*VersaDrive  
Impact Reamers*



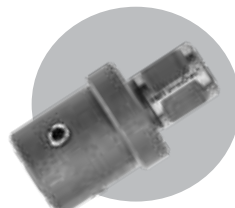
*VersaDrive  
Countersink 82°/90°*



*VersaDrive  
HD Impact Adaptor*



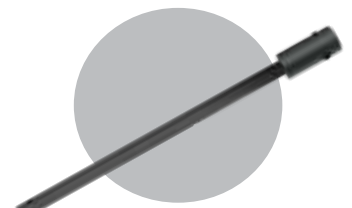
*VersaDrive Impact  
Wrench Adaptor*



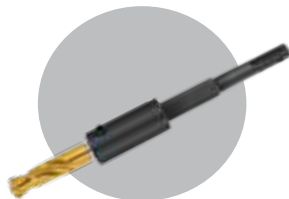
*VersaDrive Magnet  
Weldon Adaptors*



*VersaDrive 1/4"  
Impact Driver Adaptor*



*VersaDrive  
Extension Arbor*



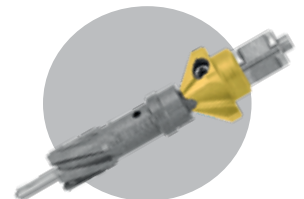
*VersaDrive  
SDS+ Adaptor*



*VersaDrive Morse  
Taper Arbor*



*VersaDrive  
TCT Holesaws*



*VersaDrive  
MultiSinks*



## CORDLESS WORLD

### CORE BITS / HOLE SAWS

**CARBIDE CORE BITS\***  
with QuickIN-PLUS attachment  
Drilling depth 3/4 in.

**TiAlN coated**

Maximum service life. Outstanding performance in all common metals, 20% faster work progress, reduced cutting and feed force due to TiAlN coating.



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

**Metric sizes are also available**

**CARBIDE HOLE SAWS\***  
with QuickIN-PLUS attachment  
Drilling 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

**FOR PIPES:** 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

\* For use with QuickIN Plus Tapping Adaptor # 64203007010



### SHEET METAL CUTTERS

#### Sheet Metal Cutters

Sluggo 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, Sluggo thin metal cutters drill up to three times faster than hole saws and have superior tool life.



1/4" DEPTH OF CUT

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



### SHEET METAL CUTTER SETS

#### Sheet Metal Cutter Sets

Slugger thin metal cutters in handy economical sets.

**1/4" DEPTH OF CUT**



#### Cutter Set - 5/16 to 3/4"

**Order # 63134999044**

Includes	Dec. equiv.
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	

#### Cutter Set - 7/8 to 2 1/8"

**Order # 63134999058**

Includes	Dec. equiv.
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	

#### Electrician Kit

**Order # 63134999056**

Includes	Dec. equiv.
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	

### SHEET METAL ARBOR ASSEMBLIES

Order #	Contents			
<b>63134161340</b> Arbor fits 6mm cutters and 3/8" and larger drills	63134124420 63134998030 30998744260	Arbor body only Pilot Spring	43098706000 43098705000	SSS, M6 x 1.0 x 6 SSS, M5 x 0.8 x 5 DIN 916
<b>63134161360</b> Arbor fits 5/16" to 13/16" cutters and 3/8" and larger drills	63134124420 63134998034	Arbor body only Pilot	30998744260 43098706000	Spring 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 63134998044 33498220200	Arbor body only 1/4" Pilot Cinch nut "LH thread"	43098706000 31342621163	SSS, M6 x 1.0 x 6 Compression spring
<b>33498294620</b> Arbor fits 17/16" to 3" cutters and 1/2" and larger drills	33498223540 63134998044 33498220180	Arbor body only 1/4" Pilot Cinch nut "LH thread"	43098706000 31342621163	SSS, M6 x 1.0 x 6 Compression spring





### CARBIDE-TIPPED SHEET METAL CUTTERS

#### Carbide 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 1/32"	1.218	63134309032
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 13/16"	1.187	63134302031
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.



# GRIT BELT GRINDING

## GRIT STATIONARY BELT GRINDING SYSTEMS



## GRIT BELT GRINDING



## 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 43 in the Tooling section.**



# GRIT BELT GRINDING

## GRIT-GI BELT GRINDERS

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

- 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.



**GI 150  
with GIB**

**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	Model	Order #	Model	Order #
3" (75mm)	1-speed	3600	GI 75	-	GI 75 2V	79020109233
3" (75mm)	2-speed	1800 / 3600	GI 75 2H	79020209573	GI 75 2H 2V	79020209233
<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	-	GI 150 2V	79020439233
6" (150mm)	2-speed	1800 / 3600	GI 150 2H	79020509573	GI 150 2H 2V	79020539233
<b>GI 150 includes:</b> 1 grinding belt 6 x 79" (150 x 2,000mm) grit 40 type Z						

### Bases

- 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	99001003030	GIB	99001003030
<b>Base with double-suction exhaust</b> Includes: 2 flexible hoses, 4 clamping bands	GIBE	99001004010	GIBE 2V	99001004040

# GRIT BELT GRINDING



## GRIT-GI BELT GRINDER MODULES

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

**Surface Grinding Modules**

For longitudinal grinding and finishing

**Pipe Notching Modules**

Notching in volume production with the GIR\*.

\*Requires extraction chute for connection to GIBE (page 112).

**GIMS Mobile Belt Grinders**

Belt grinding goes mobile with the GIMS. Highly efficient grinding, finishing and honing of weld seams at floor level.



**GIL**



**GIR**



**GIMS**

**GRIT-GI ADD-ON MODULES**

VOLTAGE	575/3/60		220/3/60	
Description	Ref.	Order #	Ref.	Order #
<b>Surface Grinding Module</b>	GIL	<b>79024809573</b>	GIL 2V	<b>79024800403</b>
<b>Pipe Notching Module</b>	GIR	<b>99001007110</b>	GIR	<b>99001007110</b>
<b>GIR includes:</b> 1 contact roller Ø 1 11/16" (42.4mm), 1 grinding belt 6 x 88 9/16" (150 x 2250mm) grit 36 type Z				
<b>Deburring machine</b>	GIE	<b>79020709573</b>	-	-
<b>Mobile Belt Grinders 6"</b>	GIMS 150*	-	GIMS 150 2V*	<b>79021412233*</b>
<b>GIMS includes:</b> grinder, carriage and 1 grinding belt grit 36 type R				

**\* Special order model**



**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" (150 mm), it's ideal for larger diameter workpieces.



## GRIT BELT GRINDING

### GRIT-GI BELT GRINDING SYSTEMS

#### GRIT GI Systems

Combine GI belt grinders with add-on modules for notching or centerless grinding.

#### GRIT-GI Belt Grinder GRIT GI 75 / GI 75 2H / GI 150 / GI 150 2H + GIB / GIBE

GI 75	79020109573
GI 75 2H	79020209573
GI 150	79020409573
GI 150 2H	79020509573
GI 75 2V	79020109233
GI 75 2H 2V	79020209233
GI 150 2V	79020439233
GI 150 2H 2V	79020539233
GIB (base)	99001003030
GIBE (base)	99001004010



Machine base

+



GI Belt Grinder

=



GI Belt Grinder

#### Notching Grinder GRIT GI 150 / GI 150 2H + GIB / GIBE + GIR

GI 150	79020409573
GI 150 2H	79020509573
GI 150 2V	79020439233
GI 150 2H 2V	79020539233
GIR	99001007110
GIB (base)	99001003030
GIBE (base)	99001004010



Machine base

+



GI Belt Grinder

+



GIR Notcher

=



GI Pipe Notcher

#### Centerless Grinder GRIT GI 150 / GI 150 2H + GIB + GIC + GXW

GI 150	79020409573
GI 150 2H	79020509573
GI 150 2V	79020439233
GI 150 2H 2V	79020539233
GIC	79021209573
GIC 2V	79021200233
GIB (base)	99001003030



Machine base

+



GI Belt Grinder

+



GIC Centreless Module

=



GI Centerless Grinding Machine

# GRIT BELT GRINDING



## GRIT-GI CENTRELESS FINISHING SYSTEMS

### 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 Module</b>	GIC	<b>79021209573</b>	GIC 2V	<b>79021200233</b>
<b>Cooling Lubricant Module</b> Includes: 1/4 gal (1 L) cooling lubricant	GXW	<b>79012409573</b>	GXW 2V	<b>79012400443</b>

## GRIT GIR CONTACT ROLLERS

Constructed of the highest quality and designed for maximum efficiency.



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.

Ø mm	Order #	Ø mm	Order #	Ø mm	Order #
20.0	69902101000	38.3	69902113000	76.2	69902125000
22.0	69902102000	40.0	69902114000	84.0	69902126000
25.0	69902103000	42.4	69902115000	88.9	69902127000
25.4	69902104000	44.5	69902116000	101.6	69902128000
26.9	69902105000	48.3	69902117000	104.0	69902129000
28.0	69902106000	50.0	69902118000	108.0	69902130000
30.0	69902107000	50.8	69902119000	114.3	69902131000
32.0	69902108000	60.0	69902120000	133.0	69902132000
33.7	69902109000	60.3	69902121000	139.7	69902133000
35.0	69902110000	63.5	69902122000	152.4	69902155000
38.0	69902111000	69.0	69902123000	168.3	69902134000
38.1	69902112000	76.1	69902124000		



**GRIT BELT GRINDING**

**GRIT-GI ACCESSORIES**

**GRIT-GI General 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

For	Order #	Description	Pack
<b>GIC</b>	39000004554	Drill template - for adapting old GI machines	1
	69902000146	Pipe cleaning device	1
	69902180600	Pipe stand - dia. 10-130mm	1
	69902181600	Pipe feed set - dia. 10-130mm	
<b>GXW</b>	69902100000	Cooling lubricant emulsion: 2.6 gal. (10 L) concentrate - Mix ratio 1:30	
<b>GIE</b>	39000000004	Acrylic eye protection shields	3

For	Order #	Description	Size	Wire gauge	mm
<b>GIE</b>	69902007000	Steel wire brush		28	0.35
	69902008000	Steel wire brush	10 x 2 <sup>3</sup> / <sub>8</sub> x 2"	25	0.50
	69902009000	Stainless wire brush	(250x60x51mm)	36	0.20
	69902010000	Stainless wire brush		29	0.35



# GRIT BELT GRINDING



## GRIT-GX BELT GRINDERS

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

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.



**GX 75**



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

<b>GRIT-GX BELT GRINDERS WITH BASE *</b>						
<b>VOLTAGE</b>			<b>575/3/60</b>		<b>220/3/60</b>	
<b>Size</b>	<b>Type</b>	<b>RPM</b>	<b>Ref.</b>	<b>Order #</b>	<b>Ref.</b>	<b>Order #</b>
3" (75mm)	2-speed	1800 / 3600	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.**





# GRIT BELT GRINDING

## GRIT-GX BELT GRINDER MODULES

### Easily installed and quickly converted.

GXR expansion module for “notching” on a wide range of workpieces, such as pipes, square pipes, flat materials and profiles.

GXC expansion module for “cylindrical finishing” from coarse to fine grit.

GXE independent addition to the GRIT GX range for deburring steel and stainless steel workpieces.

Finishing with the GRIT GXW greatly enhanced surface results by using the coolant system. Using the coolant system alleviates small particles allowing the belts longer service life.



GXR



GXC



GXW



GXE

### GRIT-GX ADD-ON MODULES

VOLTAGE	575/3/60		220/3/60	
Description	Ref.	Order #	Ref.	Order #
<b>Pipe Notching Modules</b>	GXR	<b>99001001110</b>	GXR	<b>99001001110</b>
<b>GXR includes:</b> Plastic water container, 2 contact rollers dia. 1 <sup>11</sup> / <sub>16</sub> ” & 1 <sup>7</sup> / <sub>8</sub> ” (42.4mm & 48.3mm), 1 grinding belt 3 x 88 <sup>9</sup> / <sub>16</sub> ” (75 x 2250mm) grit 36 type Z				
<b>Cylindrical Grinding Modules</b>	GXC	<b>79012309573</b>	GXC 2V	<b>79012309443</b>
<b>Includes:</b> 2 nylon guide rails, 1 brass guide rail				
<b>Cooling Lubricant Modules</b>	GXW	<b>79021409573</b>	GXW 2V	<b>79012400443</b>
<b>Includes:</b> 1/4 gal (1 L) cooling lubricant emulsion				
<b>Deburring Machines</b>	GXE	<b>79010509573</b>	GXE 2V	<b>79010509233</b>
Motor protection switch (brush not included)				
<b>Machine Base for GXE</b>	GIXS	<b>99001002000</b>	GIXS	<b>99001002000</b>



### GRIT GXW

The risk of corrosion on stainless steel pipes is reduced alleviating heat development. A closed circuit ensures economical use of the cooling system.

When finishing stainless steel, always grind in concealed and clean environment due to cross-contamination.

## GRIT BELT GRINDING



### GRIT-GX ACCESSORIES

#### GRIT GX General Accessories

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	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
<b>GXE</b>	39000000004	Acrylic eye protection shields	3

For	Order #	Description	Size	Wire gauge	mm
<b>GXE</b>	69902007000	Steel wire brush		28	0.35
	69902008000	Steel wire brush	10 x 2 <sup>3</sup> / <sub>8</sub> x 2"	25	0.50
	69902009000	Stainless wire brush	(250x60x51mm)	36	0.20
	69902010000	Stainless wire brush		29	0.35



GRIT BELT GRINDING

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 BELT GRINDING



## 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.

- 1-phase 230V 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 BELT GRINDER

Size	Type	RPM	Model	Order #
3" (75mm)	1-speed	3450	GKS 75	<b>79050209232</b>

**Includes:** 1 grinding belt 3 x 79" (75 x 2000mm) grit 36 type Z



Model	GKS 75
Voltage	1-phase 230V
No load speed	3450 RPM
Weight	96 lbs (44 kg)
Belt dimension	3 x 78 <sup>3</sup> / <sub>4</sub> " (75 x 2000 mm)



# GRIT BELT GRINDING

## GRIT GI-GX FINISHING BELTS

**High quality finishing belts in a range of types.**

**TYPE R Ceramic**

Versatile grinding belt with both significantly reduced processing time and a superior service life.

- More aggressive cut rate, long-lasting, increased productivity.
- Self-sharpening ceramic grain has a reputation of being one of the toughest, longest-lasting metal removal products on the market today.
- Very robust polyester backing.
- Best suited for stainless steel and high alloyed steels.

**TYPE Z Zirconia**

All-rounder for grinding and deburring of steel and non-ferrous metals that also satisfies the highest demands.

- Cost-effective belt stands out due to its long service life and 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 for use 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.



Machine	Belt Size
GRIT GI 75	3"
GRIT GI 150	6"
GRIT GX	3"
GRIT GKS	3"

**GRIT FINISHING BELTS**

Type	Order #	Size in.	Size mm	Grit	Pack
<b>TYPE R Ceramic</b>	69908036188	3 x 79	75 x 2000	24	10
	69908036191	3 x 79	75 x 2000	36	10
	69908036192	3 x 79	75 x 2000	40	10
	69908036193	3 x 79	75 x 2000	60	10
	69908036190	3 x 79	75 x 2000	80	10
	69908036194	3 x 79	75 x 2000	120	10
	69908036111	3 x 88 <sup>9/16</sup>	75 x 2250	36	10
<b>TYPE Z Zirconia</b>	69908036199	3 x 79	75 x 2000	36	10
	69908036200	3 x 79	75 x 2000	40	10
	69908036201	3 x 79	75 x 2000	60	10
	69908036202	3 x 79	75 x 2000	80	10
	69908036203	3 x 79	75 x 2000	120	10
	69908036204	3 x 88 <sup>9/16</sup>	75 x 2250	36	10
<b>TYPE A Aluminium oxide</b>	69908036205	3 x 79	75 x 2000	220	10
	69908036206	3 x 79	75 x 2000	320	10
	69908036207	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
	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 BELT GRINDING



### GRIT GI-GX FINISHING BELTS

GRIT FINISHING BELTS					
Type	Order #	Size in.	Size mm	Grit	Pack
<b>TYPE R Ceramic</b>	69908036211	6 x 79	150 x 2000	24	10
	69908036212	6 x 79	150 x 2000	36	10
	69908036213	6 x 79	150 x 2000	40	10
	69908036214	6 x 79	150 x 2000	60	10
	69908036215	6 x 79	150 x 2000	80	10
	69908036216	6 x 79	150 x 2000	120	10
	69908036217	6 x 88 <sup>9</sup> / <sub>16</sub>	150 x 2250	36	10
<b>TYPE Z Zirconia</b>	69908036226	6 x 79	150 x 2000	36	10
	69908036227	6 x 79	150 x 2000	40	10
	69908036228	6 x 79	150 x 2000	60	10
	69908036229	6 x 79	150 x 2000	80	10
	69908036230	6 x 79	150 x 2000	120	10
	69908036231	6 x 88 <sup>9</sup> / <sub>16</sub>	150 x 2250	36	10
<b>TYPE A Alumina</b>	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
	69908036232	6 x 79	150 x 2000	220	10
	69908036233	6 x 79	150 x 2000	320	10
	69908036234	6 x 79	150 x 2000	400	10

#### CUBITRON

Precision grinding belt with ceramic grain guarantees maximum performance and service life. The evenly shaped ceramic grains produce a uniquely accurate feel during machining.

- Cool grinding without tarnishing.
- Very robust polyester backing.
- Result is a better surface quality.



GRIT FINISHING BELTS					
Type	Order #	Size in.	Size mm	Grit	Pack
<b>Cubitron</b>	69903145000	3 x 79	75 x 2000	36	10
	69903146000			60	10
	69903147000			80	10

## FEIN ABRASIVES



### FEIN ABRASIVES OVERVIEW

#### 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
- Pipeliner Wheels
- MultiCut Wheels
- Combo Cut & Grind Wheels
- Cleaning 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
- 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 - high productivity and long life.**

- For stainless steel, steel and non-ferrous metals.
- Ideal for weld removal, deburring, surface and edge grinding.
- Made from select superior abrasive grain, reinforcing and resins.
- Provide high productivity, long life and low vibration.
- **Contaminate-free, no iron, sulphur or chlorine added**



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	4½ 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 Non-loading Grinding Wheels - great value and great productivity.**

- 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.



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





## FEIN ABRASIVES

### FLAP DISCS

#### FEIN FLASHDISC

**Superior Performance Flap Discs SP - One-step grinding and finishing.**

- Made from superior performance zirconia abrasive flap material suitable for stainless steel, steel and non-ferrous metals.
- Zirconia flaps are designed to provide a high stock removal rate and a long service life.
- 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			
69908031607	F-167632	40			
69908031610	F-167663	60	7 x 7/8" 180 x 22.23mm	10	8,600
69908031620	F-246641	80			



### FLAP DISCS

#### FEIN FLASHDISC UP Zirconia/Ceramic Flap Discs - Grind more material in less time.

- Trimmable “ORANGE” plastic-backed flap discs.
- Ultimate performance “UP” delivers the ultimate performance and high metal removal rate to get the job done quickly and efficiently.
- Unique dual flap design of high quality ceramic & zirconia bonded onto a special composite plastic back.
- Stainless, steel, aluminium and other hard to grind materials such as Titanium and Inconel.
- Self-sharpening ceramic and zirconia grain provide a cool, fast cutting action.
- Plastic back 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 and deburring.

#### Zirconia-Ceramic UP - FLAT Type 27

Order #	Ref.	Grit	Size	Pack*	RPM
69908031647	F-387569	40	4½ 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 in packages of 10

#### 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



**FEIN ABRASIVES**

**PIPELINER, MULTI-CUT & COMBO CUT/GRIND WHEELS**

**FEIN FLASHCUT-PIPE Pipeliner Wheels**  
**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.
- For stainless steel and steel.



**PIPELINER WHEELS - Type 27**

Order #	Ref.	Size in	Size mm	RPM	Box
69908030624	F-532973	5 x 1/8 x 7/8”	125 x 4.1 x 22.23	12,200	10

**FEIN FLASHCUT-MULTI “One For All” Wheels**

- 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 - Type 1**

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

**FEIN FLASHCUT-COMBO Wheels**  
**Superior Performance Combination Wheel for cutting, light grinding and deburring, all with just one wheel.**

- Very safe, prevents the use of the wrong wheel as it can cut or perform light grinding tasks.
- High productivity, long life and low vibration.
- Universal use in stainless steel and steel cut-off applications.



**COMBO WHEELS - Type 27**

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



**GP CUT-OFF WHEELS**

**FEIN FLASHCUT-GP**

**FEIN FlashCut General Purpose Cut-off Wheels for consistent quality, performance and level of safety compliance.**

- 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.
- Smooth cutting action, high lateral stability and minimal pressure required; the .045 thickness allows for quick easy cuts and minimized burr formation.
- For stainless steel, steel and non-ferrous materials.  
**Contaminate-free, no iron, sulphur or chlorine added.**



**GP CUT-OFF WHEELS FOR STAINLESS STEEL\***

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

**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



FEIN ABRASIVES

SP CUT-OFF WHEELS

**FEIN FLASHCUT SP Superior Performance Cut-off Wheels**

- SP INOX for stainless steel, steel and non-ferrous materials.
- Designed to meet the most demanding of applications.
- Unsurpassed cost-efficiency and outstanding productivity.
- 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
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
69908030632	F-581186	7 x .045 x 7/8"	180 x 1.6 x 22.23	8,600	25



## FEIN ABRASIVES



### ALUMINIUM CUT-OFF WHEELS / CHOP SAW WHEELS

#### FEIN FLASHCUT-ALU Superior Performance Cut-off Wheels for aluminium and soft materials.

- 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 and long service life.



CUT-OFF WHEELS FOR ALUMINIUM						
Order #	Ref.	Size in	Size mm	Type	RPM	Box
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

#### FEIN FLASHCUT-CHOP Superior Performance Chop Saw Wheels for low-powered chop saws.

- Safe, efficient wheels for use in all types of manufacturing, fabrication, maintenance and construction sites.
- Made specifically for demanding portable chopsaw applications.
- Fully reinforced and designed to have very high lateral stability as well as providing a very quick clean cut in many different types of demanding jobsite applications.
- Engineered to provide an excellent life time, performance and durability.



CHOP SAW WHEELS - Flat Type 1						
Order #	Ref.	Size in	Size mm	Type	RPM	Box
<b>For Steel</b>						
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
<b>For Stainless Steel</b>						
69908030637	F-639634	14 x 3/32 x 1”	350 x 2.8 x 25.4	1	4,400	10



FEIN ABRASIVES

GAS SAW WHEELS / CLEANING 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 fibreglass for additional strength, protecting the wheel against increased side load pressures.



**GAS SAW WHEELS**

Order #	Ref.	Size in	Size mm	RPM	Box
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**MASONRY CUTTING WHEELS**

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

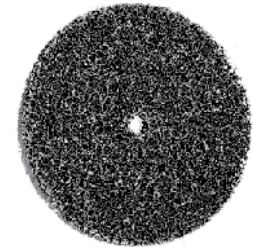
**METAL CUTTING WHEELS**

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

**FEIN Cleaning Wheels**

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



**CLEANING WHEELS**

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







### SMALL DIAMETER 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.

**SKA Premium Performance:** Premium grains for longer life and better performance.

**A High Performance:** For everyday use.

Type	Order #	Ref.	Dia. x width x bore		Grit	RPM	Box
<b>SKA</b>	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</b>	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

#### 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.

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



#### 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"



## FEIN ABRASIVES

### CARBIDE BURRS

**FEIN Carbide Burrs 1/4" Shank**  
**Perfectly balanced for smooth performance.**

- Made from the highest quality carbide material.
- Precision ground to provide smooth low impact to minimize operator fatigue and extend tool life.
- Available in a large variety of shapes and sizes for demanding detailed work.
- The carbide burrs on this page are diamond cut, other cuts are available.



SPEED CHART	
Diameter	RPM Range
1/8"	30,000 - 75,000
3/16" (3mm)	30,000 - 60,000
1/4" (6mm)	23,000 - 45,000
5/16"	20,000 - 40,000
3/8" (10mm)	15,000 - 30,000
1/2" (12mm)	11,000 - 22,000
5/8"	10,000 - 20,000
3/4" (20mm)	7,500 - 15,000
1" (25mm)	5,500 - 10,000
Long Carbide Burrs - 6" Length	
1/4" (6mm)	17,000 - 33,000
3/8" (10mm)	18,000 - 27,000
1/2" (12mm)	16,000 - 24,000



Order #	Ref.	Dia. x L."
<b>A) CYLINDRICAL - Plain End</b>		
69908038006	SA-14	3/16 x 5/8
69908038004	SA-1	1/4 x 5/8
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>B) CYLINDRICAL - End cut</b>		
69908038026	SB-14	3/16 x 5/8
69908038024	SB-1	1/4 x 5/8
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
<b>B) CYLINDRICAL - Round top</b>		
69908038036	SC-14	3/16 x 5/8
69908038034	SC-1	1/4 x 5/8
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
<b>D) BALL</b>		
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
<b>E) OVAL</b>		
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

Order #	Ref.	Dia. x L."
<b>F) FLAME</b>		
69908038108	SH-2	5/16 x 3/4
69908038110	SH-5	1/2 x 1 1/4
<b>K) TREE - Pointed</b>		
69908038098	SG-1	1/4 x 5/8
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
<b>L) TREE - Radius</b>		
69908038079	SF-1	1/4 x 5/8
69908038084	SF-3	3/8 x 3/4
69908038092	SF-5	1/2 x 1
69908038097	SF-6	5/8 x 1
<b>O) 14° TAPER - Radius end</b>		
69908038121	SL-1	1/4 x 5/8
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
<b>Q) CONE - Pointed</b>		
69908038130	SM-1	1/4 x 1/2
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
<b>R) INVERTED CONE - Plain End</b>		
69908038140	SN-1	1/4 x 1/4
69908038143	SN-3	1/2 x 1/4
69908038142	SN-4	1/2 x 1/2
<b>X) 60° CONE</b>		
69908038113	SJ-1	1/4 x 60°
69908038114	SJ-3	3/8 x 60°
69908038115	SJ-5	1/2 x 60°
<b>Z) 90° CONE</b>		
69908038117	SK-3	3/8 x 90°
69908038118	SK-5	1/2 x 90°



### CARBIDE BURRS

#### FEIN Carbide Burr Sets

- Assorted carbide burrs in grey metal case.
- 1/4" shank.
- Handy and economical.



Description	Order #	Ref.	Contents
8 PIECE SET	69908038002	CBS-8	SA-5, SC-3, SC-5, SD-5, SF-3, SF-5, SG-3, SL-4
10 PIECE SET	69908038151	CBS-10	SA-3, SA-5, SC-3, SC-5, SD-3, SD-5, SF-3, SF-5, SG-5, SL-4

#### Carbide Burrs for Aluminium 1/4" Shank

- Designed for use on aluminum and other non-ferrous metals, plastic and other soft materials.
- Minimum loading when working with soft sticky metal.
- Quality flute finish for fast chip flow and stock removal.

ALUMINIUM CARBIDE BURRS			
Order #	Ref.	Dia. x L.	RPM
<b>A) CYLINDRICAL - Plain end</b>			
69908038005	SA-1 ALU	1/4 x 5/8	23,000 - 45,000
69908038010	SA-3 ALU	3/8 x 3/4	15,000 - 30,000
69908038016	SA-5 ALU	1/2 x 1	11,000 - 22,000
<b>C) CYLINDRICAL - Round Top</b>			
69908038039	SC-3 ALU	3/8 x 3/4	15,000 - 30,000
69908038045	SC-5 ALU	1/2 x 1	11,000 - 22,000
<b>E) OVAL</b>			
69908038070	SE-3 ALU	3/8 x 5/8	15,000 - 30,000
<b>L) TREE - Radius End</b>			
69908038085	SF-3 ALU	3/8 x 3/4	15,000 - 30,000
<b>O) 14° TAPER - Radius end</b>			
69908038124	SL-3 ALU	3/8 x 1 1/16	15,000 - 30,000

#### 6" Extra-long Carbide Burrs 1/4" Shank

- For working in hard to reach areas.
- Precision ground and well balanced diamond cut for heavy stock removal.
- Provides a smooth finish.

LONG CARBIDE BURRS 6" LENGTH			
Order #	Ref.	Dia. x L.	RPM
<b>A) CYLINDRICAL - Plain end</b>			
69908038008	SA-1L6	1/4 x 6	22,000 - 33,000
69908038012	SA-3L6	3/8 x 6	18,000 - 27,000
<b>C) CYLINDRICAL - Round Top</b>			
69908038148	SC-5L6	1/2 x 6	16,000 - 24,000
69908038152	SC-3L6	3/8 x 6	18,000 - 27,000
<b>E) OVAL</b>			
69908036119	SE-5L6 DC	1/2 x 6	16,000 - 24,000
69908038072	SE-3L6 DC	3/8 x 6	18,000 - 27,000
<b>L) TREE - Radius End</b>			
69908038087	SF-3L6	3/8 x 6	18,000 - 27,000
69908038095	SF-5L6	1/2 x 6	16,000 - 24,000

PRO TIP: If the burrs are chipping easily, this could be due to the speed being too slow.



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 135.

GRIT	A40		A60		A80		A120		RPM
	Dia. x W.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	
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	A 80 MEDIUM		A 120 MEDIUM		A 150 FINE		RPM
	Dia. x W.	Ref.	Order #	Ref.	Order #	Ref.	
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 135.

GRIT	A180		A240		A320		RPM
	Dia. x W.	Ref.	Order #	Ref.	Order #	Ref.	
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	A 180 EXTRA-FINE		A 240 EXTRA-FINE		RPM	Box
	Dia. x W.	Ref.	Order #	Ref.		
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 Dia. x W.	SOFT		MEDIUM		Opt. RPM	Max. RPM	Box
	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 Dia. x W.	SOFT		MEDIUM		Opt. RPM	Max. RPM	Box
	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 Dia. x W.	A COARSE		A MEDIUM		A FINE		A EXTRA-FINE		RPM
	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.**

#### 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 Dia. x W.	A60		A80		A120		RPM
	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



Boxes of 10

GRIT Dia. x W.	A180		A240		A320		RPM
	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 Dia. x arbor	ZA40		ZA60		ZA80		Box
	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



FEIN ABRASIVES

RESIN FIBRE DISCS

FEIN Resin Fibre Discs (continued on page 137)

**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	
	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

Boxes of 25 or cases of 100 (4 x 25)



## FEIN ABRASIVES



### RESIN FIBRE DISCS

#### FEIN Resin Fibre Discs (continued from page 136)



**Spiral backing pads**  
for fibre discs do not include  
centre nut .

#### SPIRAL AIR-COOLED BACKING PADS

Size.	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 #
Dia x arbor								
<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	-	-	-	-

**Boxes of 25 or cases of 100 (4 x 25)**



## FEIN ABRASIVES

### RESIN FIBRE DISCS / UNITIZED WHEELS

#### PMD SUPREME RESIN FIBRE DISCS

Innovative ceramic resin fibre disc 100% SG ceramic grain with top coat for use in industrial metal applications.

- Long lasting life on stainless steel, carbon steel and high nickel and alloy metals.
- Top coat with ultimate grinding aid and cooling aid.
- Meets maximum productivity at reduced cost.



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

#### 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 for 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

## FEIN ABRASIVES



### SURFACE CONDITIONING DISCS

#### HOOK & LOOP SURFACE CONDITIONING DISCS

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

- Use for high speed deburring, polishing, finishing and cleaning.
- Also blending of scratch patterns and removal of weld discoloration, rust and oxidation.



GRIT	VERY FINE - GREY		FINE - BLUE		MEDIUM - MAROON		COARSE - GOLD		Box
Dia.	Ref.	Order #	Ref.	Order #	Ref.	Order #	Ref.	Order #	
<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		Box
Dia.	Ref.	Order #	
<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

#### Locking Styles

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



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

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

Also available in Type "N"



FEIN ABRASIVES

TRIM-CUT DISCS / NON-WOVEN ABRASIVES

**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
7/16 - 20	Adaptor	G54909965	69908032276
M10 - 1.25	Adaptor	G54909925	69908032274
M10 - 1.50	Adaptor	G54909920	69908032273

**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



**HAND PADS**

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



### FEIN MOBILE TRAINING

#### FEIN Mobile Training Centres for onsite demonstrations and training.

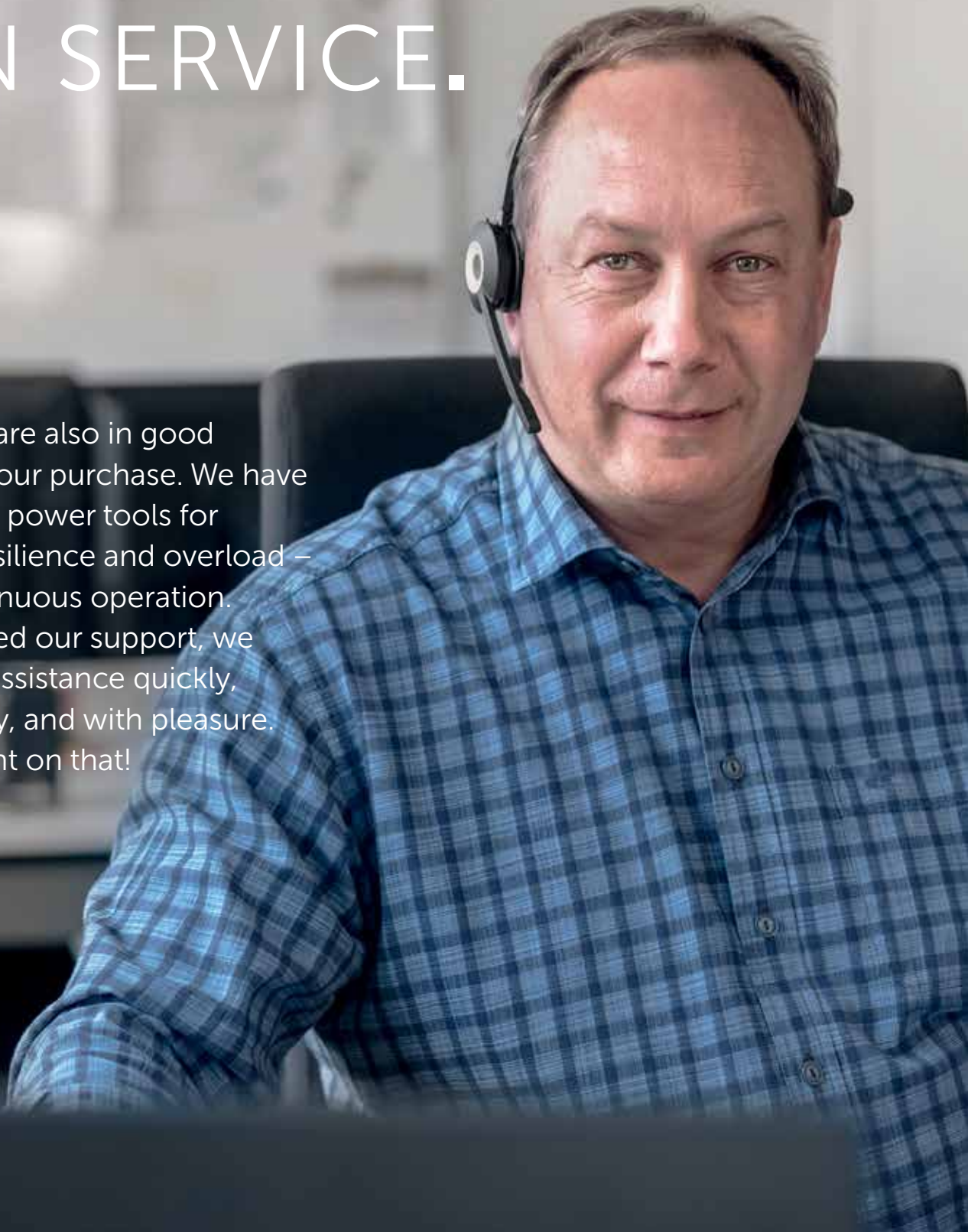
FEIN mobile training centres travel across Canada showcasing FEIN Canada's product line and provide training on the fly for busy distributors and end users.

Try out our full range of tools and accessories, and exciting new products.



# YOU CAN RELY ON FEIN SERVICE.

At FEIN, you are also in good hands after your purchase. We have designed our power tools for maximum resilience and overload – even in continuous operation. But if you need our support, we will provide assistance quickly, professionally, and with pleasure. You can count on that!





### 3-YEAR FEIN PLUS GUARANTEE

Quick registration – extended warranty: We offer the FEIN PLUS 3-year warranty on FEIN and Slugger power tools. You simply need to register your new FEIN power tool within 3 months of purchase at [www.fein.ca/warranty](http://www.fein.ca/warranty)

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.

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 REPAIR SERVICE

Whether it's a repair, maintenance, or a warranty claim, we will process your orders quickly and efficiently via our authorized FEIN repair centers. They have the right FEIN original spare parts in stock – for many older tools as well. So your workshop is up and running in no time at all.

### FEIN SPARE PART CATALOG

Find the right FEIN spare parts for your FEIN power tools easily, online – using the FEIN spare part catalog with an intuitive search function and exploded views of the products.

### OTHER FEIN SERVICES ONLINE

On the FEIN website, you will find more information and service offers:

- + Operating instructions and brochures to download
- + Application tips
- + Maintenance notes

