

► INTERIOR CONSTRUCTION / METAL

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



As powerful as it is fast.

**The new 12 V cordless drill/driver: optimal torques
and high speeds for perfect drilling and driving results.**



**NEW
FEIN 12 V**

The new 12 V cordless drill/driver from FEIN: Extremely powerful and perfect for metalworking.

For over 120 years, FEIN has set high standards when extremely reliable power tools are called for in trade and industry. From the invention of the first drilling machine in 1895 to milestones such as the 2-speed drilling machine and the 18 V cordless drill/driver, FEIN develops professional part tools especially for metalworking. FEIN applied this experience and expertise to the development of the new 12 V cordless drill/driver.

The result: these powerful machines impress with their low weight, compact design and optimal ease of use combined with exceptionally high performance.

The combination of our reliable motors, smart electronics and 2.5 Ah FEIN batteries enable the 12 V cordless drill/driver to work effectively for long periods – even in metal.



4-speed cordless drill/driver

FEIN ASCM 12 C

The highest performance FEIN cordless drill/driver with brushless motor, 4-speed gearbox and removable chuck.

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2-speed cordless drill/driver

FEIN ABSU 12 C

powerful, light cordless drill/driver with fixed chuck.

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The brushless PowerDrive motors from FEIN.

The motors are the centerpiece of our power tools and are precisely matched to the requirements of professional craftsmen. With their high speeds, FEIN PowerDrive motors are extremely powerful and a match for every requirement. Brushless construction reduces wear to a minimum, while making the motors so efficient that battery service life and durability are significantly increased.



2-speed cordless drill/driver

FEIN ABSU 12 W4C

Compact cordless drill/driver with outstanding economics and extremely short design.

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Cordless impact wrench

FEIN ASCD 12-100 W4C

Small, light cordless impact wrench with powerful 885 in/lbs (100 Nm) torque.

► Page 10

The FEIN 4-speed cordless drill/driver ASCM 12: strong in every detail.

Uncompromising power for flexible use –that's what the new FEIN ASCM 12 provides. The world's only 4-speed drill/driver in the 12V range is as powerful and effective with its 354 in/lbs (40 Nm) torque and brushless FEIN PowerDrive motor as many cordless drill/drivers in the 14.4V class. At the same time, it is significantly smaller, lighter, more ergonomic and less expensive. In short: a compact powerhouse that redefines metalworking.



Removable solid metal chuck

- ▶ Robust metal chuck for wear-free work.
- ▶ With spindle lock.
- ▶ With chucking force safety device.
- ▶ Capacity 1/16 - 1/2 in (1.5-13 mm).
- ▶ .5 lbs (200 g) lighter and 1-7/8 in (47 mm) shorter with chuck removed.
- ▶ Only 6 in (150 mm) in length with chuck removed.

High performance electronics

- ▶ Overload or overheating safety shutoff.
- ▶ Matched to the hand's ergonomics.
- ▶ Separate battery communication cable.

FEIN li-ion battery technology

- ▶ Long battery service life with 2.5 Ah capacity.
- ▶ Innovative FEIN batteries with SafetyCell technology.
- ▶ With charge indicator.
- ▶ Can be used to -4° F (-20° C).

Designed throughout for metal: FEIN ASCM 12 application possibilities.

The new FEIN ASCM 12 provides the strength, precision and efficiency for numerous tasks. Whether holes in metal or screw connections in hardwood – this powerhouse is a true all-rounder and is easy to use, thanks to its compact, light design.

4-speed all-metal gearbox

- ▶ The correct speed for every application.
- ▶ Drill 1/4 in (6 mm) in metal in 4th gear.
- ▶ Cut threads efficiently in 1st gear.
- ▶ Excellent speed selection for work with step drills.

Brushless FEIN PowerDrive motor

- ▶ Highest motor performance in the 12 V class.
- ▶ Practically no wear.
- ▶ Twice the service life.
- ▶ 100% more endurance per charge.
- ▶ Smart electronics protect from overloading.

Brushless

Bit storage

In addition to bits, the practical magnetic Bit storage also holds screws and other small metallic parts securely.



The new FEIN ASCM 12: precise drilling and driving with up to 2,500 rpm.

The FEIN ASCM 12 combines the perfect interplay of power, speed, precision and ergonomics. Its patent-pending 4-speed gearbox delivers up to 2,500 rpm and enables a wide range of applications. Work is also simplified by many innovative features.

Benefits

- ▶ Highest motor performance in the 12V class due to the FEIN PowerDrive motor.
- ▶ Always the right speed, due to the 4-speed, solid metal gearbox.
- ▶ Compact 6in (150mm) length (chuck removed).
- ▶ 2.5 Ah battery capacity for up to 400 screw connections.



The optimal cutting speed for every hole diameter.

4 speeds always provide the correct speed for the hole diameter and material. For example, 2,500 rpm for a 1/4 in (6 mm) hole in steel.

HSS drill

Structural steel: 49-98 ft/min
(30-40 m/min)

Stainless steel: 22-39 ft/min
(7-12 m/min)

TiN coated HSS

Structural steel: 131-164 ft/min
(40-50 m/min)

Stainless steel: 32-49 ft/min
(10-15 m/min)

HoleØ	Cutting speed (ft/min)			
	in[mm]	49 [15]	98 [30]	131 [40]
5/64 [1.9]	4th gear	4th gear	4th gear	4th gear
5/32 [4]	3rd gear	4th gear	4th gear	4th gear
1/4 [6.5]	3rd gear	3rd gear	4th gear	4th gear
5/16 [8]	2nd gear	3rd gear	3rd gear	3rd gear
3/8 [10]	2nd gear	2nd gear	3rd gear	3rd gear
1/2 [12]	1st gear	2nd gear	2nd gear	3rd gear



High power for cutting threads in metal.



Optimal speeds for self-drilling screws.



Ideal for assembly work, e.g. installation of European hinges with a Forstner bit.



Technical specifications

Model		4-speed cordless drill/driver ASCM 12 C
Technical features		<ul style="list-style-type: none"> ▶ Brushless FEIN PowerDrive motor. ▶ 4-speed all-metal gearbox. ▶ Removable solid metal chuck. ▶ FEIN li-ion battery with SafetyCell technology. ▶ Compact design.
Battery voltage	Volts	12
Battery capacity	Ah	2.5
No-load speed	rpm	400/700/1,400/2,500
Max. torque	in/lbs(Nm)	354 (40)
Max. screw size	in (mm)	3/8 x 7-7/8 (8 x 200)
No. of screws / charge*		400
Weight with battery	lbs (kg)	2.4 (1.1)
Price includes		1 cordless drill/driver, 2 li-Ion batteries, 1 rapid charger ALG 50, 1 removable drill chuck, 1 belt clip and Bit Storage, 1 plastic carrying case.
Order number		7 116 10 61 09 0

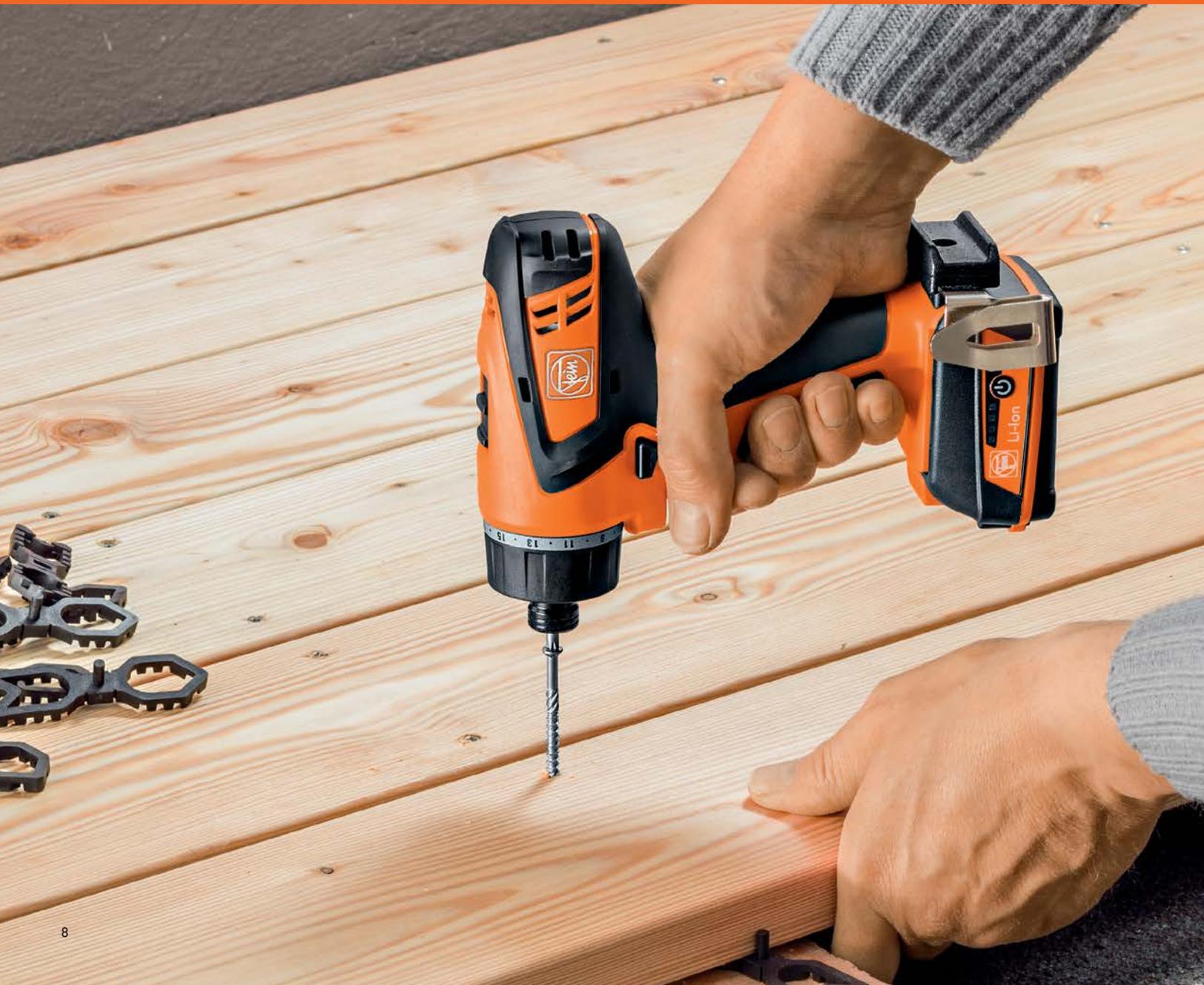
* 3/16 x 1-1/2 in (5 x 40 mm) wood screws in softwood.

The FEIN ABSU 12: Power in its most compact form.

The FEIN ABSU 12 cordless drill/driver combines proven FEIN technology and impressive performance in a small casing. Due to its short design, it is light, compact and ideally suited for work in difficult surroundings.

Benefits

- ▶ Powerful dc motor with overload protection.
- ▶ With metal drill chuck or 1/4 in hexagonal mount.
- ▶ Short design starting at 6-1/8 in (155 mm).
- ▶ 2.5 Ah battery capacity for up to 350 screw connections.





Robust drill chuck

Perfect for use with step drills, e.g. for pilot holes in sheet metal.



17 Torque settings

Finely graduated force up to 265 in/lbs (30 Nm) for tight connections.



Technical specifications

Model	2-speed cordless drill/driver ABSU 12 C		2-speed cordless drill/driver ABSU 12 W4C	
Technical features	<ul style="list-style-type: none"> ▶ 2-pole dc motor with overload protection. ▶ 2-speed all-metal gearbox. ▶ Solid metal, rapid-clamping chuck. ▶ FEIN li-ion battery with SafetyCell technology. ▶ Short design starting at 7 in (180 mm). 		<ul style="list-style-type: none"> ▶ 2-pole dc motor with overload protection. ▶ 2-speed all-metal gearbox. ▶ ¼ in hexagonal mount. ▶ FEIN li-ion battery with SafetyCell technology. ▶ Short 6-1/8 in (155 mm) design. 	
Battery voltage	Volts	12		12
Battery capacity	Ah	2.5		2.5
No-load speed	rpm	400 / 1,300		400 / 1,300
Max. torque	in/lbs (Nm)	365 (30)		635 (30)
Max. screw size	in (mm)	1/4 x 7-7/8 (6 x 200)		1/4 x 7-7/8 (6 x 200)
No. of screws / charge*		350		350
Weight with battery	lbs (kg)	2.6 (1.2)		2.4 (1.1)
Price includes		1 cordless drill/driver, 2 li-Ion batteries, 1 rapid charger ALG 50, 1 belt clip and Bit Storage, 1 plastic carrying case.		1 cordless drill/driver, 2 li-Ion batteries, 1 rapid charger ALG 50, 1 belt clip and Bit Storage, 1 plastic carrying case.
Order number		7 113 20 61 09 0		7 113 21 61 09 0

* 3/16 x 1-1/2 in (5 x 40 mm) wood screws in softwood.

the FEIN cordless impact wrench ASCD 12-100 W4: Maximum performance with up to 885 in/lbs (100 Nm) of power.

The cordless impact wrench ASCD 12-100 W4 impresses, due to its very short design length of 6-1/4 in (158 mm) and its extremely high torque with up to 885 in/lbs 100Nm. This makes it perfectly suited for assembling and disconnecting screw joints. The ASCD 12-100 W4 has low kickback and is very comfortable to operate. It is therefore also perfectly suited for overhead work.

Benefits

- ▶ Powerful 885 in/lbs (100 Nm) torque.
- ▶ High, infinitely variable speeds up to 2,700 rpm.
- ▶ Slim, short design is only 6-1/4 in (158 mm) long.
- ▶ Extremely robust, due to glass fiber reinforced casing.
- ▶ Aluminum gear housing.



High Torque

The cordless impact wrench ASCD 12-100 W4 effortlessly tightens bolts up to 1/2 in (M12) and reaches its maximum torque in five seconds.



Short, ergonomic design

Thanks to its extremely short, ergonomic design, the ASCD 12-100 W4 enables comfortable, secure work, even in confined spaces.



Technical specifications



Model		Cordless impact wrench ASCD 12-100 W4C
Technical features		<ul style="list-style-type: none"> ▶ 2-pole dc motor with overload protection. ▶ Up to 885 in/lbs (100 Nm) of torque ▶ ¼ in hexagonal mount. ▶ FEIN li-ion battery with SafetyCell technology. ▶ short 6-1/4 in (158 mm) design.
Battery voltage	Volts	12
Battery capacity	Ah	2.5
No-load speed	rpm	2,700
Impacts	rpm	3,450
Max. torque	in/lbs (Nm)	885 (100)
Weight with battery	lbs (kg)	2.4 (1.1)
Price includes		1 cordless impact wrench, 2 batteries (li-ion), 1 belt clip and Bit storage, 1 rapid charger ALG 50, 1 plastic carrying case
Order number		7 115 03 61 09 0

Every 12 V cordless drill/driver at a glance.

Our 12 V cordless drill/drivers are the ideal choice for a wide range of drilling and screwing tasks in diverse materials. Work effectively, efficiently and effortlessly while enjoying maximum user-friendliness.

Every driver has practical benefits:

- ▶ High-performance motors.
- ▶ Optimal cutting speeds.
- ▶ Outstanding ergonomics.
- ▶ Robust metal drill chuck.

Technical specifications

Model		4-speed cordless drill/driver ASCM 12 C	2-speed cordless drill/driver ABSU 12 C	2-speed cordless drill/driver ABSU 12 W4C	Cordless impact wrench ASCD 12-100 W4C
					
Battery voltage	Volts	12	12	12	12
Battery capacity	Ah	2.5	2.5	2.5	2.5
Motor		Brushless motor	2-pole dc motor	2-pole dc motor	2-pole dc motor
No. of gears		4 gears	2 gears	2 gears	-
No-load speed	rpm	400 / 700 / 1,400 / 2,500	400 / 1,300	400 / 1,300	2,700
Impacts	rpm	-	-	-	3,450
Max. torque	in/lbs (Nm)	354 (40)	365 (30)	365 (30)	885 (100)
Chuck capacity	in (mm)	1/16 - 1/2 (1.5 - 13)	1/16 - 3/8 (1 - 10)	-	-
drill chuck		Removable metal drill chuck	metal, fast-action drill chuck	-	-
Torque steps		20 + drilling position	17 + drilling position	17 + drilling position	Infinitely variable using the accelerator switch
Max. screws	Dia.	5/16 - 7-7/8 in (8 x 200 mm)	1/4 x 7-7/8 in (6 x 200 mm)	1/4 x 7-7/8 in (6 x 200 mm)	-
Hole Ø steel	in (mm)	1/2 (13)	3/8 (10)	-	-
Hole Ø wood (Forstner bit)	in (mm)	1-1/2 (40)	5/16 (30)	-	-
Tapping		5/16 (M8)	1/4 (M6)	-	-
No. of screws / charge*		400	350	350	-
Charging time	min.	45	45	45	45
Weight with battery (incl. drill chuck)	lbs(kg)	2.4 (1.1)	2.6 (1.2)	2.4 (1.1)	2.4 (1.1)
Order number		7 116 10 61 09 0	7 113 20 61 09 0	7 113 21 61 09 0	7 115 03 61 09 0

Tools without battery or charger

Order number	7 116 10 28 09 0	7 113 20 28 09 0	7 113 21 28 09 0	7 115 03 28 09 0
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* 3/16 x 1-1/2 in (5 x 40 mm) wood screws in softwood.

The practical power system.

The perfect interaction of motor and battery enables numerous efficient application possibilities. The batteries are protected by FEIN SafetyCell technology and are extremely durable. These high-performance batteries also offer smart benefits in day-to-day work.

Quick registration – extended warranty:
The 3 year FEIN PLUS guarantee.
www.fein.com/warranty



SafetyCell technology

A separate communication cable protects the battery and the machine from overloading, overheating and deep discharge.

One charger fits all

Charge batteries from 12–18V with a single charger.



Ergonomics

The handle area is significantly slimmer and more comfortable to hold thanks to the low battery position.

Charge indicator

Battery status is displayed on the battery.

Stability

The cordless drill/drivers can be set down without fear of falling over and are ready for immediate use.

12V system

4-speed cordless drill/driver



2-speed cordless drill/driver



Cordless impact wrench



Cordless MULTITALENT



FEIN cordless MULTITALENT: the perfect complement to our FEIN 12 V cordless drill/drivers.

The FEIN cordless MULTITALENT is the universal system for interior construction and renovation. Both the MULTITALENT and the FEIN cordless drill/drivers can be powered by the FEIN 12 V battery system, making it a flexible set for work of every kind. Due to numerous applications and its light, compact design, the FEIN cordless MULTITALENT ensures perfect results in the shortest time.

The benefits of the new FEIN cordless MULTITALENT:

- ▶ Uncompromisingly small, light and powerful.
- ▶ Safe, comfortable work with the FEIN anti-vibration system.
- ▶ Compatible with the MULTIMASTER accessory range.

Li-ion batteries

Light, compact, next-generation battery cells with high-capacity and full power.

DC motor

Efficient, high-torque motor with work progress comparable to the corded version.

Anti-vibration system

Only from FEIN: Effective reduction of vibrations thanks to complete decoupling of housing. For safe, pleasant work with minimal physical stress and outstanding noise damping.

Tool change

Patented QuickIN fast change system for convenient, fast tool changes without a wrench.

NEW

Two tools, one price. More performance for professionals.

Lock in one of our attractively priced combinations now and cover multiple applications with one cordless system. Now also available with the new FEIN cordless MULTITALENT.



FEIN professional combo AFMT 12 QSL + ABSU 12 C

With plastic carrying case.

Order number 7 190 13 61 09 0

FEIN professional combo ASCD 12-100 W4C + ABSU 12 C

With plastic carrying case.

Order number 7 190 10 61 09 0

FEIN professional combo AFMT 12 QSL + ASCM 12 C

With plastic carrying case.

Order number 7 190 12 61 09 0

Professional Combo Sets - FEIN MULTITALENT

		Cordless MULTITALENT AFMT 12 QSL
Tool mount		StarlockPlus®
Tool change		QuickIN
Vibration decoupling		•
Electronic speed setting		•
Tacho generator		•
Softgrip zone		•
Oscillations	RPM	11,000-18,000
Weight [according to EPTA]	lbs [kg]	3.3 lbs [1.5 kg]
Battery voltage		12 Volts
Battery capacity		2.5 Ah

Professional Combo Sets - Drill Drivers

		ASCM 12 C	ABSU 12 C	ASCD 12-100 W4C
		4-speed cordless drill/driver	2-speed cordless drill/driver	Cordless impact wrench
Motor		Brushless	2-pole DC	2-pole DC
Gearbox		4-speed	2-speed	-
Speed, no load	RPM	400 / 700 / 1,400 / 2,500	400 / 1,300	2,700
Max torque (hard/soft)	in/lbs [Nm]	354 / 177 [40/20]	266 / 142 [30/60]	885 [100]
Chuck capacity	in [mm]	1/16 in - 1/2 [1.5 - 13]	1/16 - 3/8 [1.5 - 10]	-
Fastening	in [mm]	1/4 x 7-3/4 [8 x 200]	1/4 x 7-3/4 [8 x 200]	1/4 [8] / 1/2 [M12]
Battery voltage		12V	12V	12V
Battery capacity		2.5 Ah	2.5 Ah	2.5 Ah

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



Your specialty dealer will be happy to help:

DE: C. & E. Fein GmbH, Tel. 07173 183-0, www.fein.com

US: FEIN Power Tools Inc., Phone 1-412-922-8886, Toll Free: 1-800-441-9878, www.fein.com

CA: FEIN Canadian Power Tool Company, Phone 905 890-1390, Toll Free: 1-800-265-2581,
Français: 1-800-789-8181, www.fein.ca

