

FEIN AccuTec – Premium Torque Drivers for Industry.



FEIN



PRECISION HAS A NAME.

In 1867, Wilhelm Emil Fein established a company for manufacturing of physical and electrical devices. 30 years later, the first electric hand drill was invented by FEIN. This important groundwork allowed FEIN to develop top-shelf, high-precision power tools, which we manufacture in Germany. The focus has always been on meeting the high standards of our customers.

We have achieved several milestones that have allowed us to revolutionize mass production.

- 1986: First AccuTec torque driver with mechanical cut-off clutch
- 2001: First tool with a brushless EC motor
- 2010: Introduction of lithium-ion cordless technology as well as 2-stage tightening
- 2013: Programmability of all AccuTec models with computer software
- 2019: All AccuTec torque drivers offer MultiVolt 12-18 V interface

Advanced technology from Germany

FEIN AccuTec Torque Drivers

FEIN AccuTec torque drivers are specially developed for the stringent requirements of industrial production. They offer outstanding repeat accuracy, maximum precision and enormous flexibility. In addition to the high torques, the torque drivers feature infinitely variable adjustment, which means they can handle an extremely wide variety of fastening applications.

FEIN AccuTec torque drivers offer numerous advantages for continuous operation in industrial applications:

- Outstanding ergonomics, low weight and compact designs
- Maximum functionality and a simple operating concept
- High-quality fastener connections in the 0.5 to 60 Nm torque range (max. torque that can be used under load)
- Infinitely variable speed adjustment

NEW



NEW

Torque drivers with pistol grip handle

FEIN ACCUTECH ASM 18

For fastening applications up to 12Nm

The FEIN AccuTec ASM torque drivers with pistol grip handle were designed for the most rigorous speed and precision requirements. The electronically controlled motor speed remains under constant load until the moment it is turned off. This saves time and gives you precise connections. The Fein Li-ion battery allows for driving of more fasteners per battery charge. This decreases the need for frequent recharging and increases your productivity on the job.

Maximum precision

thanks to the mechanical cut-off clutch to ensure a precisely adjustable torque over large ranges and to ensure that your work has high repeat accuracy.

Maximum process reliability

thanks to visual and audible indication of the fastener torque (OK/NOK) and of the battery capacity.

Compact, ergonomic design

for any fastening application, even in tight building spaces or when doing overhead work.

Guaranteed compatibility

with all FEIN Li-ion batteries, thanks to the FEIN MultiVolt interface (from 12 V to 18 V).

A view of the application

thanks to a brightly illuminating LED.

Durable and powerful

thanks to the best-performing EC motor in its class – high torque even in the lower speed range.

Select the correct pistol grip torque driver for your application:

ASM 18-3 PC	0.5 – 3 Nm
ASM 18-8 PC	1 – 8 Nm
ASM 18-12 PC	4 – 12 Nm

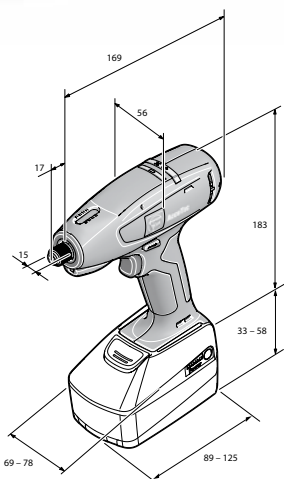




An overview of the FEIN AccuTec ASM family

	ASM 18-3 PC	ASM 18-8 PC	ASM 18-12 PC
Torque range (Nm)	0.5 – 3	1 – 8	4 – 12
Speed range (rpm)	110 – 1200	110 – 1200	80 – 900
Factory-delivered speed (rpm)	600	600	450
(Repeat) accuracy (Cmk)	> 1.67 ± 10% (with respect to 6 Sigma) in acc. with ISO 5393/VDI 2647		
MultiVolt interface (V)	12 – 18	12 – 18	12 – 18
Weight without Li-ion battery lbs (kg)	1.8 lbs (0.8 kg)	1.8 lbs (0.8 kg)	1.8 lbs (0.8 kg)
Tool mounting	1/4" (ISO 1173 – F 6.3)		
Torque setting	Using a special adjustment tool		
Part number (tool only)	7 112 77 60 09 0	7 112 78 60 09 0	7 112 79 60 09 0
Part number (set)*	3Ah 6 990 81 17 10 3	6 990 81 17 10 4	6 990 81 17 10 5
	6Ah 6 990 81 17 10 0	6 990 81 17 10 1	6 990 81 17 10 2





*Set includes: Tool, 2 Li-ion batteries, charger & torque key.













Perfectly equipped

Accessories for the ASM 18

Accessories	Compatible with	Part number
 Safety guard housing ASM 18	FEIN AccuTec ASM 18	3 217 40 28 01 0
 Programming adapter for the computer	FEIN AccuTec with computer function	9 26 04 163 02 0
 Tool stand ASM/ASW	All FEIN AccuTec ASW/ASM models	3 21 26 012 01 0
 Adjustment tool	All FEIN AccuTec ASW/ASM models	3 21 23 002 00 6

Accessories	Qty.	Part number
 Coding Sleeve (various colors)	7	3 05 01 352 02 0
 Coding Sleeve (black)	10	3 05 01 352 01 0
 Coding Sleeve (gray)	10	3 05 01 353 01 0
 Coding Sleeve (green)	10	3 05 01 354 01 0
 Coding Sleeve (blue)	10	3 05 01 355 01 0
 Coding Sleeve (red)	10	3 05 01 356 01 0
 Coding Sleeve (yellow)	10	3 05 01 358 01 0
 Coding Sleeve (orange)	10	3 05 01 357 01 0

Right angled offset torque driver

FEIN ACCUTEC ASW 18

For fastening applications up to 60Nm

The high-performance FEIN AccuTec ASW 18 right angled offset torque driver makes fastening for torques up to 60 Nm more reliable and efficient. Not only are the maximum torque and speed values impressive, but both values can be adjusted as needed over a large range, which ensures maximum flexibility.

Long life and powerful drive

from the most powerful EC motor of its class – effective power, even in the lower speed range.

Maximum precision

thanks to mechanical shut-off coupling which enables the torque to be adjusted precisely over wide ranges and high-precision repeat work

Suitable for a wide range of uses

because of the continuously variable angled head which enables precise fastening, even in hard-to-reach places.

Compact and ergonomic

with a well thought out design for excellent accessibility and working without fatigue.

Flexible programming options

using Parameter Control software: set the torque driver to perfectly suit each fastening situation, whether running forwards or in reverse

Guaranteed compatibility

with all FEIN batteries, thanks to the FEIN MultiVolt interface (from 12 V to 18 V).



Select the correct right angled offset torque driver for your application:

ASW 18-6 PC	1.2 – 6 Nm
ASW 18-12 PC	3 – 12 Nm
ASW 18-18 PC	6 – 18 Nm
ASW 18-30 PC	12 – 30 Nm
ASW 18-45 PC	20 – 45 Nm
ASW 18-60 PC	25 – 60 Nm



An overview of the FEIN AccuTec ASW family










	ASW 18-6 PC	ASW 18-12 PC	ASW 18-18 PC	ASW 18-30 PC	ASW 18-45 PC	ASW 18-60 PC	
Torque range (Nm)	1.2 – 6	3 – 12	6 – 18	12 – 30	20 – 45	25 – 60	
Speed range (rpm)	100 – 1100	75 – 850	65 – 765	30 – 357	25 – 264	20 – 196	
Factory-delivered speed (rpm)	570	430	375	180	130	100	
(Repeat) accuracy (Cmk)	> 1.67 ± 10% (with respect to 6 Sigma) in acc. with ISO 5393/VDI 2647						
MultiVolt interface (V)	12 – 18	12 – 18	12 – 18	18	18	18	
Li-ion battery capacity (Ah)	3/6	3/6	3/6	3/6	3/6	3/6	
Weight without Li-ion battery lbs (kg)	2.2 lbs (1 kg)	2.2 lbs (1 kg)	2.6 lbs (1.2 kg)	3.3 lbs (1.5 kg)	3.6 lbs (1.65 kg)	3.6 lbs (1.65 kg)	
Angle head*	1 2 3	1 2 3	6	4 5	4 5	5	
Part number (tool only)	7 112 66 60 09 0	7 112 68 60 09 0	7 112 70 60 09 0	7 112 62 60 09 0	7 112 63 60 09 0	7 112 64 60 09 0	
Part number (set)**	3Ah	6 990 81 17 11 2	6 990 81 17 11 3	6 990 81 17 11 4	6 990 81 17 11 5	6 990 81 17 11 6	6 990 81 17 11 7
	6Ah	6 990 81 17 10 6	6 990 81 17 10 7	6 990 81 17 10 8	6 990 81 17 10 9	6 990 81 17 11 0	6 990 81 17 11 1





*The numbers refer to the proper QuickIN angle head accessory from the table on page 10.










**Set includes: Tool, 2 Li-ion batteries, charger, angle head & torque key.

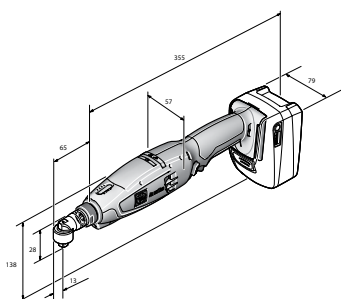
Perfectly equipped

Accessories and technical data for the ASW 18

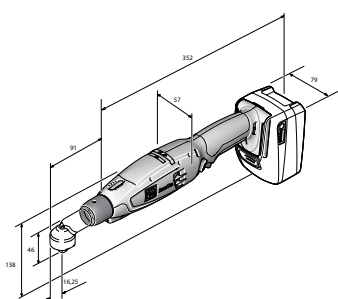
	Angle head QuickIN accessory	Compatible with	Part number
1	 Angle head up to 12 Nm, QuickIN hexagon socket	ASW 18-6 PC/ASW 18-12 PC	9 01 02 012 01 0
2	 Angle head up to 12 Nm, 3/8" external square	ASW 18-6 PC/ASW 18-12 PC	9 01 02 013 01 0
3	 Angle head up to 12 Nm, 1/4" external square	ASW 18-6 PC/ASW 18-12 PC	9 01 02 014 01 0
4	 Angle head up to 45 Nm, 3/8" external square	ASW 18-30 PC/ASW 18-45 PC	9 01 02 015 02 0
5	 Angle head up to 60 Nm, 1/2" external square	ASW 18-60 PC	9 01 02 016 02 0
6	 Angle head up to 18 Nm, 3/8" external square	ASW 18-18 PC	9 01 02 017 02 0
7	 Straight output quick-in hexagon socket	ASW 18-6 PC	9 01 06 001 02 0
8	 Straight output, 3/8" external square	ASW 18-6 PC	9 01 06 002 02 0
9	 Extension	ASW 18-6 PC/ASW 18-12 PC	6 42 03 004 01 0

Accessories	Qty.	Part number
 Coding Sleeve (various colors)	7	3 05 01 352 02 0
 Coding Sleeve (black)	10	3 05 01 352 01 0
 Coding Sleeve (gray)	10	3 05 01 353 01 0
 Coding Sleeve (green)	10	3 05 01 354 01 0
 Coding Sleeve (blue)	10	3 05 01 355 01 0
 Coding Sleeve (red)	10	3 05 01 356 01 0
 Coding Sleeve (yellow)	10	3 05 01 358 01 0
 Coding Sleeve (orange)	10	3 05 01 357 01 0

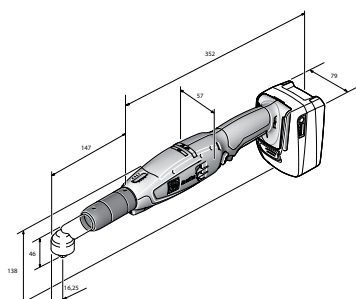
Accessories	Compatible with	Part number
 Safety guard housing ASW 18	FEIN AccuTec ASW 18	3 21 74 024 01 0
 Programming adapter for ParameterControl	All FEIN AccuTec ASW/ASM models	9 26 04 163 02 0
 Tool stand ASM/ASW	All FEIN AccuTec ASW/ASM models	3 21 26 012 01 0
 Angle head safety guard 30/45 Nm*	4 6	3 21 74 022 01 0
 Angle head safety guard 60 Nm*	5	3 21 74 021 01 0
 Angle head safety guard up to 12 Nm*	1 2 3	3 21 74 023 01 0
 Adjustment tool	All FEIN AccuTec ASW/ASM models	3 21 23 002 00 6
 C-wrench (for attaching the angle head)	ASW 18-18/30/45/60 PC	6 29 08 014 00 0
 ASW 18 extension	ASW 18-30/45/60 PC	6 42 03 005 01 0



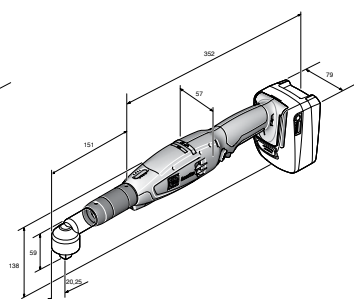
ASW 18-6 PC
ASW 18-12 PC



ASW 18-18 PC



ASW 18-30 PC
ASW 18-45 PC



ASW 18-60 PC

Precision for individual fastening applications

FEIN AccuTec with ParameterControl

In response to increasingly complex assembly procedures, we offer perfect solutions for almost all fastening applications.

Using freely programmable parameters such as the angle of rotation, time, torque threshold, speed and rotation direction, you can adjust the tightening behavior of every torque-rate joint in up to seven individual steps. The constant monitoring of parameters during the fastening application ensures a high level of reliability. This increases quality and optimizes fastening production in high volume jobs.

FEIN AccuTec torque drivers with ParameterControl are the best choice for your fastening needs.



ParameterControl

Programming in just three steps

1. Download the ParameterControl software at fein.com from the AccuTec product page.
2. Connect the programming adapter (available separately) to the computer and start the program.
3. Now configure the AccuTec torque driver to your fastening application.



The programming adapter for all AccuTec ParameterControl models.

Benefits of using ParameterControl:

- Increased reliability thanks to parameter monitoring
- Easy read-out of tool data (serial number, firmware version, maintenance data, fastener counter)
- Tightening behavior configurable in up to 7 individual steps
- Process-optimized thanks to adjustable error criteria, ensuring a secure fastening sequence
- 4 cut-off criteria that can be adjusted: rotation angle, torque threshold, mechanical clutch, time
- Password protection of the tool from unauthorized access



More power. More performance.

FEIN SafetyCell Technology guarantees a long battery life. The charge status indicator quickly shows how long remains before the battery will need to be charged.

The new 12-volt and 18-volt Li-ion batteries with 3 Ah and 6 Ah give you even more power. The increased capacity allows you to work for 20% longer than before. And thanks to the longer service life, fewer charging cycles are needed. As a result, the overall lifetime of the battery is increased. In addition, the dust-proof housing adds to the long battery life.

Select the right Li-ion battery for your application:

- Compact and lightweight: 3Ah
- Durable: 6Ah

Li-ion batteries	Li-ion battery 18 V/6 Ah	Li-ion battery 18 V/3 Ah	Li-ion battery 12 V/3 Ah	Li-ion battery 12 V/6 Ah
Model	Li-ion	Li-ion	Li-ion	Li-ion
Li-ion battery voltage (V)	18	18	12	12
Capacity (Ah)	6	3	3	6
Weight lbs (kg)	1.5 lbs (700 g)	1.0 lbs (450 g)	0.6 lbs (250 g)	1.0 lbs (450 g)
Charging time (min.)**	38	26	26	38
Part number (Qty 1)	9 26 04 175 02 0	9 26 04 182 02 0	9 26 04 183 02 0	9 26 04 184 02 0
Part number (Qty 12)	9 26 04 175 03 0	9 26 04 182 03 0		
Part number (Qty 15)				9 26 04 184 03 0
Part number (Qty 25)			9 26 04 183 03 0	

Efficient protection – FEIN SafetyCell Technology

A separate communication cable is used, providing the battery and tool with reliable protection against overheating, overloading and total discharge, which extends the life of the tool and prevents the need to replace tool prematurely.



ALG 80 rapid charger

Li-ion battery voltage: 12 V/14 V/18 V
Charging current: 8 A
Weight: 1.4 lbs (650 g)
Part number: 9 26 04 188 01 0

Ready for more work in no time – the ALG 80 rapid charger

Due to the high charging current of 8A and the FEIN rapid-charging technology, the Li-ion batteries are charged faster and more efficiently.

18 V/3 Ah
26 min.



18 V/6 Ah
38 min.



80% of the maximum capacity

Full control:

The large LED display lets you keep track of the Li-ion battery's charging status at all times.

USB connection:

Charge additional devices such as smartphones and tablets easily.

Gentle charging:

To ensure an increased Li-ion battery service life, gentle charging with a reduced charging current is then used to finish the charge.

C. & E. Fein GmbH

Hans-Fein-Str. 81
73529 Schwäbisch Gmünd, Germany
+49 (0) 7173 183 - 0
info@fein.com
www.fein.com

FEIN US

FEIN Power Tools Inc.
1000 Omega Drive,
Suite 1180, Pittsburgh, PA 15205
Toll Free: 1-800-441-9878
www.feinus.com

Printed in the US. Product images are for illustrative purposes only. Technical details subject to change. PN: 69908195480 2.2020 US

