

Faster, Lighter, Greater Durability & Accuracy!

Bosch SEC-EXACT cordless assembly tools make the assembly process easier, faster, safer and more accurate. Thanks to our patented SEC motors, our ability to control shut-off via motor braking is better than ever. This means that the SEC-EXACT is the most accurate cordless tool Bosch has ever made. Improving on the best clutch in the world wasn't easy, but we know you expect nothing less from the world leader in cordless assembly tools.

Bosch SEC-EXACT tools will improve your productivity.

The SEC-EXACT cordless series provides up to 100% speed increase over the standard EXACT range. Couple that with a weight reduction in select models that provides up to 70% better power to weight ratio, and your productivity is sure to dramatically improve. For example, the new SEC-EXACT 412 drops 300 grams compared to the standard EXACT 12, thanks to the use of a 9.6 volt battery. The increased motor efficiency of the SEC range means that all center-grip models need only a 9.6 volt battery to perform better than ever.

The Bosch SEC motor has no brushes to wear out. But the most important feature is that this patented technology developed by Bosch does not need a sensor to know rotor speed and position! This provides a very efficient, wear-free motor system compared to any other brushless motor from any manufacturer in the world. This 3-phase brushless, sensorless motor is designed and manufactured by Bosch in Europe, thus insuring the highest quality standards are met and maintained.

To sum it all up in a word: SEC = M²!

- ▶ Achieve faster line speeds thanks to shorter tightening cycles: Work moves faster thanks to speed increases up to 100%.
- ▶ Improved ergonomics, weight and reaction force translates into satisfied, productive workers that like using the SEC-EXACT tools.
- ▶ Reduces life-cycle costs due to wear-free components.
- ▶ Bosch SEC motors are the most efficient, durable and economical motors of their type in the world.








SEC = M²*

* M² = The faster, more efficient and more economical Bosch motor!

SEC-EXACT Cordless center-grip screwdrivers

Cordless center-grip screwdrivers SEC-EXACT

- ▶ Highest repeatability: Improved accuracy! Cmk ≥ 2,0 Also the reaction forces could be improved
- ▶ Lowest weight in class: With the elimination of the 12 volt battery pack in the new series, weight reduction of 300 gram!
- ▶ Huge speed range of the complete series
- ▶ Huge torque range
- ▶ Illumination of the work area
- ▶ Overload protection for the PCB, the motor and the battery pack
- ▶ Best ergonomics: Small size and very well balanced. One handed operation for On/Off and Left/Right
- ▶ Robust and durable tool with the well known components of the EXACT range
- ▶ Proven and highly efficient battery technology in production quality. You can still use your existent charging technology, battery packs and protective covers

SEC-EXACT	Order number	Torque on hard joint per ISO 5393 (Nm)	Torque on soft joint per ISO 5393 (Nm)
SEC-EXACT 1106 highest speed for short cycle times 	0 602 492 431	1 – 6 (0.7 – 4.4 ft-lbs)	1 – 6 (0.7 – 4.4 ft-lbs)
	0 602 492 432	1 – 6 (0.7 – 4.4 ft-lbs)	1 – 6 (0.7 – 4.4 ft-lbs)
SEC-EXACT 908 combination of speed and torque 	0 602 492 443	2 – 8 (1.5 – 5.9 ft-lbs)	2 – 8 (1.5 – 5.9 ft-lbs)
	0 602 492 444	2 – 8 (1.5 – 5.9 ft-lbs)	2 – 8 (1.5 – 5.9 ft-lbs)
SEC-EXACT 610 power and speed 	0 602 492 445	2 – 10 (1.5 – 7.4 ft-lbs)	2 – 10 (1.5 – 7.4 ft-lbs)
	0 602 492 446	2 – 10 (1.5 – 7.4 ft-lbs)	2 – 10 (1.5 – 7.4 ft-lbs)
SEC-EXACT 459 the model fits every application 	0 602 492 435	2 – 9 (1.5 – 6.7 ft-lbs)	2 – 9 (1.5 – 6.7 ft-lbs)
	0 602 492 436	2 – 9 (1.5 – 6.7 ft-lbs)	2 – 9 (1.5 – 6.7 ft-lbs)
SEC-EXACT 412 high torque with low weight 	0 602 492 441	2 – 12 (1.5 – 9 ft-lbs)	2 – 12 (1.5 – 9 ft-lbs)
	0 602 492 442	2 – 12 (1.5 – 9 ft-lbs)	2 – 12 (1.5 – 9 ft-lbs)
SEC-EXACT 402 very precise in the lower torque range 	0 602 492 433	0,5 – 2 (0.4 – 1.5 ft-lbs)	0,5 – 2 (0.4 – 1.5 ft-lbs)
	0 602 492 434	0,5 – 2 (0.4 – 1.5 ft-lbs)	0,5 – 2 (0.4 – 1.5 ft-lbs)
SEC-EXACT 212 slow screwdriver e.g. for hose clamps 	0 602 492 439	2 – 12 (1.5 – 9 ft-lbs)	2 – 12 (1.5 – 9 ft-lbs)
	0 602 492 440	2 – 12 (1.5 – 9 ft-lbs)	2 – 12 (1.5 – 9 ft-lbs)

No-load speed (min ⁻¹)	Bit holder	Battery specifications	Direction of rotation	Weight (kg / lbs)	Features	Included accessories
1100	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool black color ring
1100	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	
900	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool orange color ring
900	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	
600	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool grey color ring
600	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	
450	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool light blue ring
450	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	
400	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool red color ring
400	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	
400	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool light green color ring
400	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	
275	¼"	–	R/L	0,8 / 1.76	0.7 repeat protection	Torque adjustment tool white color ring
275	¼"	9,6 V / 1,7 Ah	R/L	1,2 / 2.6	0.7 repeat protection	



Brushless, sensorless Bosch SEC motor
Designed, patented and made by Bosch in Europe.

Plug-in Electric connectors
For easy service when needed.

Non-contact left/right switch
features wear-free components.

Integrated switch and PCB module
Non-contact components are wear-free and overload protected.

Battery pack connectors
Replaceable separately.

Bosch service quality



The Bosch CD-ROM Service Information System provides information about Bosch Power Tools over the past 25 years – including spare parts lists and exploded drawings, thus saving time and money on spare parts management.



Bosch Fax Service offers direct, cost-effective access to important service documents such as spare parts lists, exploded drawings and forms. Information can be accessed 24 hours a day – even on Sundays and bank holidays. Not available in all countries.



Bosch Spare Parts Service guarantees in 99% of all cases that the desired spare part is available ex stock, allowing work to continue quickly.



Bosch Recycling Service offers environmental protection that anybody can actively take part in. Bosch Industrial Tools, cordless tools and battery packs that are past their service life are taken back at no charge via specialist retailers or directly and sent for recycling.

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